UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: YBO

RAW DATA REPORT

Report Request ID: 1417277 Report Code: AMP350 Feb. 25, 2016

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	29										

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
CRITERIA	42401		

SELECTED OPTIONS

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

SORT ORDER

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

DATE CRITERIA

Start Date	End Date
2015 01 01	2015 12 31

APPLICABLE STANDARDS

Standard Description
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Feb. 25, 2016

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.572522
LONGITUDE: -90.796911
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 160
PROBE HEIGHT: 4

SITE ID: 29-071-9001 POC: 1
COUNTY: (071) Franklin
CITY: (00000) Not in a city
SITE ADDRESS: VALLEY SITE: 2901 Labadie Road, Labadie, MO 63055
SITE COMMENTS: Special SO2 Monitoring Project under the approved QAPP
MONITOR COMMENTS: SPECIAL SO2 MONITORING UNDER THE APPROVED QAPP.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: APRIL 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1																									0	
2																									0	
3																									0	
4																									0	
5																									0	
6																									0	
7																									0	
8																									0	
9																									0	
10																									0	
11																									0	
12																									0	
13																									0	
14																									0	
15																									0	
16																									0	
17																									0	
18																									0	
19																									0	
20																									0	
21																									0	
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AY	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	23	1.0
23	.0	.0	.0	.0	.0	.0	.0	1.0	BF	BF	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	1.0
24	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	BD	.0	23	1.0
25	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
26	AM	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	1.0	.0	.0	23	2.0
27	.0	.0	.0	.0	.0	.0	.0	.0	2.0	AY	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	.0	.0	BD	22	2.0
28	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BD	21	1.0
29	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	1.0
30	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	AY	AY	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	1.0
31																									0	
NO.:	8	9	9	9	9	9	9	9	7	6	9	8	7	7	9	9	9	9	9	9	9	9	8	7		
MAX:	0.0	1.0	1.0	0.0	0.0	0.0	1.0	1.0	2.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0		
AVG:	0.00	.11	.11	0.00	0.00	0.00	.11	.33	.71	.50	.67	.75	.86	.57	.44	.33	.33	.11	.11	.22	.22	.11	0.00	.14		

MONTHLY OBSERVATIONS: 202 MONTHLY MEAN: .27 MONTHLY MAX: 2.0

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

AMP350_1417277.pdf ED_000914_00009563-00002

(42401) Sulfur dioxide

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LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: MAY 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	5.0	1.0	.0	.0	.0	BF	.0	23	5.0
2	.0	.0	.0	.0	.0	.0	.0	1.0	AY	AY	.0	.0	.0	.0	.0	15.0	.0	.0	.0	.0	.0	.0	.0	AM	21	15.0
3	AM	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	23	1.0
4	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	1.0	.0	AY	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	23	1.0
5	1.0	1.0	.0	.0	.0	.0	.0	1.0	1.0	AY	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
6	.0	.0	.0	.0	.0	.0	1.0	BA	BA	BA	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	1.0
7	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	24	1.0
8	.0	.0	.0	.0	.0	.0	.0	.0	2.0	1.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	BF	.0	23	2.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AM	23	0.0
10	AM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	23	1.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.0	4.0	7.0	1.0	2.0	2.0	.0	.0	.0	.0	.0	.0	.0	24	11.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
13	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	24	2.0
14	1.0	1.0	1.0	1.0	5.0	5.0	3.0	1.0	1.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	1.0	24	5.0
15	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	1.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	AM	23	0.0
17	AM	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	4.0
18	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0	.0	8.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	8.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
20	.0	.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	2.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	24	4.0
22	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	.0	.0	.0	1.0	10.0	7.0	3.0	2.0	1.0	.0	.0	.0	.0	BF	.0	23	10.0
23	.0	.0	.0	.0	.0	.0	.0	.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	1.0	AM	23	2.0
24	AM	1.0	2.0	3.0	4.0	3.0	2.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	4.0
25	.0	.0	.0	.0	.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	2.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	24	1.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	21.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	21.0
28	.0	.0	.0	.0	.0	.0	1.0	2.0	3.0	7.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	7.0
29	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	5.0	9.0	2.0	1.0	2.0	.0	.0	.0	.0	.0	.0	BF	.0	23	9.0
30	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	0.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	24	1.0
NO.:	27	31	31	31	31	31	31	30	28	27	29	28	30	31	31	31	31	31	31	31	31	31	26	27		
MAX:	1.0	1.0	2.0	3.0	5.0	5.0	3.0	2.0	3.0	7.0	21.0	11.0	9.0	10.0	7.0	15.0	2.0	5.0	1.0	1.0	1.0	1.0	1.0	2.0		
AVG:	.11	.13	.19	.19	.35	.35	.39	.47	.86	.81	.93	1.11	.73	.71	.55	.94	.26	.23	.06	.03	.03	.06	.12	.33		

MONTHLY OBSERVATIONS: 717 MONTHLY MEAN: .41 MONTHLY MAX: 21.0

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DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
2	.0	.0	.0	.0	.0	.0	1.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	24	3.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	5.0	1.0	.0	.0	.0	.0	.0	.0	24	5.0
5	.0	.0	.0	.0	.0	BF	.0	.0	1.0	7.0	7.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	23	7.0
6	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	24	1.0
7	.0	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
8	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	1.0	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
9	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	1.0	.0	1.0	3.0	1.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	24	3.0
10	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
11	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
12	.0	.0	.0	.0	.0	BF	.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	3.0
13	.0	.0	.0	.0	.0	.0	1.0	1.0	BA	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	1.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	24	1.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
16	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
17	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	BA	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0
18	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
19	1.0	1.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
20	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	3.0	5.0	2.0	.0	.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	24	5.0
21	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
22	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
24	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	2.0	1.0	2.0	1.0	1.0	.0	.0	.0	.0	24	2.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
26	.0	.0	.0	.0	.0	BF	.0	.0	.0	2.0	2.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
27	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	1.0
28	.0	.0	.0	.0	.0	.0	.0	.0	2.0	1.0	4.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	4.0
29	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
30	.0	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	1.0	4.0	3.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	24	4.0
31																									0	
NO.:	30	30	30	30	30	26	30	30	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.0	1.0	0.0	0.0	0.0	1.0	1.0	3.0	2.0	7.0	7.0	4.0	3.0	3.0	1.0	2.0	5.0	2.0	1.0	1.0	1.0	0.0	0.0	1.0		
AVG:	.03	.03	0.00	0.00	0.00	.04	.57	.40	.41	.79	1.00	.76	.52	.33	.30	.40	.33	.30	.13	.10	.03	0.00	0.00	.03		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .27 MONTHLY MAX: 7.0

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.572522
LONGITUDE: -90.796911
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 160
PROBE HEIGHT: 4

SITE ID: 29-071-9001 POC: 1
COUNTY: (071) Franklin
CITY: (00000) Not in a city
SITE ADDRESS: VALLEY SITE: 2901 Labadie Road, Labadie, MO 63055
SITE COMMENTS: Special SO2 Monitoring Project under the approved QAPP
MONITOR COMMENTS: SPECIAL SO2 MONITORING UNDER THE APPROVED QAPP.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: JULY 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	24	6.0
2	.0	.0	1.0	.0	.0	.0	BF	BF	.0	.0	BC	BC	BC	BC	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18	1.0
3	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	19.0	11.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	19.0
10	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	1.0	2.0	3.0	4.0	12.0	6.0	8.0	11.0	6.0	2.0	1.0	.0	.0	.0	23	12.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	5.0
13	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0	1.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	3.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	3.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	24	1.0
16	.0	.0	.0	1.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
17	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	2.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
22	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	2.0	1.0	.0	.0	.0	.0	24	2.0
23	.0	.0	.0	.0	.0	.0	.0	1.0	5.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	24	5.0
24	.0	.0	.0	.0	.0	BF	.0	1.0	2.0	2.0	2.0	1.0	1.0	.0	1.0	2.0	3.0	2.0	1.0	.0	.0	.0	.0	.0	23	3.0
25	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	4.0	3.0	2.0	1.0	.0	.0	.0	.0	.0	22	4.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
31	.0	.0	.0	.0	.0	BF	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
NO.:	31	31	31	31	31	26	30	30	30	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	0.0	0.0	1.0	1.0	0.0	0.0	1.0	1.0	5.0	3.0	5.0	6.0	4.0	19.0	12.0	6.0	8.0	11.0	6.0	2.0	1.0	0.0	0.0	0.0		
AVG:	0.00	0.00	.03	.03	0.00	0.00	.03	.13	.37	.50	.67	.67	.57	.90	.81	.48	.52	.58	.35	.10	.03	0.00	0.00	0.00		

MONTHLY OBSERVATIONS: 731 MONTHLY MEAN: .28 MONTHLY MAX: 19.0

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

(42401) Sulfur dioxide

SITE ID: 29-071-9001 POC: 1
COUNTY: (071) Franklin
CITY: (00000) Not in a city
SITE ADDRESS: VALLEY SITE: 2901 Labadie Road, Labadie, MO 63055
SITE COMMENTS: Special SO2 Monitoring Project under the approved QAPP
MONITOR COMMENTS: SPECIAL SO2 MONITORING UNDER THE APPROVED QAPP.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 38.572522
LONGITUDE: -90.796911
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 160
PROBE HEIGHT: 4

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: AUGUST 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	2.0	5.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	24	5.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.0	4.0	5.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	5.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	3.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0	6.0	6.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	24	6.0
5	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	2.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
7	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	1.0	1.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	3.0	3.0	2.0	2.0	1.0	.0	.0	.0	24	3.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	4.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	2.0	5.0	5.0	15.0	19.0	6.0	9.0	4.0	3.0	1.0	1.0	.0	.0	24	19.0
14	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	1.0	1.0	4.0	4.0	3.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	4.0
15	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	6.0	5.0	2.0	.0	.0	.0	.0	.0	24	6.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	9.0	1.0	1.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	24	9.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.0	9.0	8.0	1.0	2.0	4.0	5.0	.0	.0	.0	.0	.0	.0	.0	24	9.0
21	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
22	.0	.0	.0	1.0	2.0	3.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	3.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
27	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	1.0	11.0	51.0	18.0	8.0	3.0	4.0	6.0	2.0	.0	.0	.0	.0	.0	24	51.0
28	.0	.0	.0	.0	.0	BF	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	23	1.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
NO.:	31	31	31	31	31	27	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	0.0	0.0	0.0	1.0	2.0	3.0	0.0	0.0	1.0	3.0	8.0	11.0	51.0	18.0	15.0	19.0	6.0	9.0	4.0	3.0	1.0	1.0	0.0	0.0		
AVG:	0.00	0.00	0.00	.03	.06	.11	0.00	0.00	.10	.45	.90	1.39	3.00	1.23	1.19	1.19	.90	.81	.32	.16	.06	.03	0.00	0.00		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: .50 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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.572522
LONGITUDE: -90.796911
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 160
PROBE HEIGHT: 4

SITE ID: 29-071-9001 POC: 1
COUNTY: (071) Franklin
CITY: (00000) Not in a city
SITE ADDRESS: VALLEY SITE: 2901 Labadie Road, Labadie, MO 63055
SITE COMMENTS: Special SO2 Monitoring Project under the approved QAPP
MONITOR COMMENTS: SPECIAL SO2 MONITORING UNDER THE APPROVED QAPP.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: SEPTEMBER 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	AZ	AZ	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	8.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
4	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	BF	BC	BC	BF	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	20	1.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.0	7.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	24	7.0
10	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0	3.0	3.0	3.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	3.0
11	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
16	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
17	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
18	.0	.0	.0	.0	.0	BF	.0	.0	.0	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	8	0.0
19	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	
20	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	
21	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	1.0	1.0	1.0	1.0	4.0	4.0	3.0	2.0	1.0	.0	.0	.0	.0	.0	.0	15	4.0
22	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	3.0	1.0	.0	.0	.0	.0	.0	24	4.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0	12.0	5.0	2.0	3.0	4.0	3.0	2.0	1.0	.0	.0	.0	.0	.0	24	12.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	24	4.0
25	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
26	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	1.0
27	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	6.0	1.0	1.0	.0	.0	.0	.0	.0	24	6.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	11.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	11.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
31																									0	
NO.:	27	27	27	27	27	23	27	27	27	26	25	25	26	26	26	27	27	27	27	27	27	27	27	27		
MAX:	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	5.0	11.0	12.0	5.0	5.0	7.0	4.0	6.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0		
AVG:	0.00	0.00	0.00	0.00	0.00	0.00	.04	.04	.15	.62	1.20	1.32	.77	.77	.77	.63	.67	.33	.11	0.00	0.00	0.00	0.00	0.00		

MONTHLY OBSERVATIONS: 636 MONTHLY MEAN: .30 MONTHLY MAX: 12.0

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

(42401) Sulfur dioxide

SITE ID: 29-071-9001 POC: 1
COUNTY: (071) Franklin
CITY: (00000) Not in a city
SITE ADDRESS: VALLEY SITE: 2901 Labadie Road, Labadie, MO 63055
SITE COMMENTS: Special SO2 Monitoring Project under the approved QAPP
MONITOR COMMENTS: SPECIAL SO2 MONITORING UNDER THE APPROVED QAPP.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 38.572522
LONGITUDE: -90.796911
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 160
PROBE HEIGHT: 4

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: OCTOBER 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
3	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
6	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
8	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	7.0	12.0	17.0	3.0	AZ	1.0	.0	.0	.0	.0	.0	.0	.0	.0	23	17.0
9	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	AZ	AZ	AZ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	0.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0	7.0	3.0	56.0	23.0	8.0	2.0	1.0	.0	.0	.0	.0	.0	.0	24	56.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
12	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	3.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	3.0
16	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
18	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0	1.0	1.0	4.0	2.0	1.0	1.0	2.0	5.0	6.0	4.0	2.0	1.0	1.0	1.0	24	6.0
19	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	1.0	.0	.0	.0	1.0	1.0	.0	.0	.0	1.0	1.0	24	1.0
20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	24	1.0
21	.0	.0	.0	.0	1.0	1.0	.0	.0	1.0	1.0	3.0	19.0	5.0	6.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	19.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.0	30.0	16.0	7.0	.0	.0	.0	1.0	1.0	2.0	1.0	1.0	.0	1.0	24	30.0
23	1.0	1.0	1.0	1.0	1.0	BF	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
26	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	1.0	1.0	2.0	1.0	24	2.0
27	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.0	1.0	.0	.0	.0	.0	.0	.0	24	4.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
30	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	1.0	2.0	7.0	5.0	3.0	4.0	4.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	7.0
31	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
NO.:	31	31	31	31	31	27	31	31	31	31	30	30	30	31	30	30	31	31	31	31	31	31	30	31		
MAX:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	7.0	30.0	17.0	56.0	23.0	8.0	4.0	5.0	6.0	4.0	2.0	1.0	2.0	1.0		
AVG:	.13	.10	.10	.16	.16	.11	.06	.13	.29	.39	1.07	2.60	1.97	2.74	1.10	.57	.42	.35	.29	.23	.16	.16	.20	.19		

MONTHLY OBSERVATIONS: 734 MONTHLY MEAN: .57 MONTHLY MAX: 56.0

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.572522
LONGITUDE: -90.796911
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 160
PROBE HEIGHT: 4

SITE ID: 29-071-9001 POC: 1
COUNTY: (071) Franklin
CITY: (00000) Not in a city
SITE ADDRESS: VALLEY SITE: 2901 Labadie Road, Labadie, MO 63055
SITE COMMENTS: Special SO2 Monitoring Project under the approved QAPP
MONITOR COMMENTS: SPECIAL SO2 MONITORING UNDER THE APPROVED QAPP.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: NOVEMBER 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	1.0	.0	1.0	.0	.0	.0	1.0	1.0	.0	.0	24	2.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.0	4.0	4.0	3.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	24	4.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	24	2.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	24	1.0
5	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
6	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	4.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0	3.0	3.0	34.0	32.0	11.0	2.0	1.0	.0	.0	.0	.0	.0	24	34.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0	3.0	1.0	1.0	1.0	1.0	1.0	24	4.0
11	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0	19.0	24	19.0
12	6.0	1.0	2.0	9.0	5.0	3.0	1.0	.0	.0	.0	1.0	1.0	.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	1.0	24	9.0
13	.0	.0	.0	.0	.0	BF	.0	.0	1.0	1.0	1.0	1.0	1.0	3.0	1.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	23	3.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	3.0	2.0	3.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	24	3.0
15	1.0	1.0	1.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
16	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
17	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
18	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	1.0	24	1.0
19	1.0	1.0	1.0	1.0	1.0	.0	AN	AN	AN	AN	1.0	2.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	20	2.0
20	.0	.0	.0	.0	.0	BF	.0	.0	.0	1.0	1.0	2.0	3.0	3.0	4.0	2.0	2.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	23	4.0
21	1.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	24	1.0
23	1.0	1.0	1.0	.0	1.0	.0	.0	.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	.0	24	2.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
26	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
27	1.0	1.0	1.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	1.0	.0	.0	.0	.0	.0	1.0	.0	23	1.0
29	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
30	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
31																									0	
NO.:	30	30	30	30	30	26	29	29	29	29	30	30	30	30	30	29	30	30	30	30	30	30	30	30		
MAX:	6.0	1.0	2.0	9.0	5.0	3.0	1.0	1.0	1.0	1.0	4.0	4.0	4.0	4.0	34.0	32.0	11.0	4.0	3.0	2.0	1.0	1.0	9.0	19.0		
AVG:	.63	.40	.47	.60	.50	.42	.38	.28	.38	.52	.80	1.03	.97	1.10	1.93	1.66	.97	.73	.60	.43	.47	.47	.73	1.07		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .73 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.

(42401) Sulfur dioxide

SITE ID: 29-071-9001 POC: 1
COUNTY: (071) Franklin
CITY: (00000) Not in a city
SITE ADDRESS: VALLEY SITE: 2901 Labadie Road, Labadie, MO 63055
SITE COMMENTS: Special SO2 Monitoring Project under the approved QAPP
MONITOR COMMENTS: SPECIAL SO2 MONITORING UNDER THE APPROVED QAPP.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 38.572522
LONGITUDE: -90.796911
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 160
PROBE HEIGHT: 4

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: DECEMBER 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	5.0	9.0	4.0	5.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	9.0
2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
3	1.0	1.0	1.0	1.0	.0	1.0	1.0	.0	1.0	1.0	1.0	2.0	2.0	4.0	9.0	7.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	24	9.0
4	.0	.0	.0	.0	.0	BF	.0	1.0	1.0	1.0	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	23	2.0
5	.0	.0	.0	1.0	.0	.0	1.0	.0	1.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	24	3.0
6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
7	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	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	2.0
8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	24	2.0
9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	9.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	9.0
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	2.0
11	1.0	1.0	1.0	1.0	1.0	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
12	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
13	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	2.0
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	11.0	11.0	3.0	2.0	5.0	9.0	5.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	24	11.0
16	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	8.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	8.0
17	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
18	1.0	1.0	1.0	1.0	1.0	BF	1.0	1.0	2.0	6.0	7.0	2.0	12.0	9.0	9.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	12.0
19	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	24	3.0
20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
21	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
22	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	18.0	9.0	2.0	2.0	2.0	7.0	12.0	8.0	5.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	24	18.0
23	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	6.0	3.0	1.0	1.0	1.0	1.0	1.0	24	6.0
24	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	2.0	2.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	24	3.0
25	1.0	1.0	1.0	1.0	1.0	BF	1.0	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	1.0	23	2.0
26	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BF	BC	BC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	21	2.0
27	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
28	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	24	3.0
29	8.0	4.0	2.0	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	1.0	1.0	1.0	1.0	4.0	1.0	7.0	24	8.0
30	5.0	2.0	2.0	1.0	1.0	1.0	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	6	5.0
31	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	AO	0	
NO.:	30	30	30	30	30	26	29	29	29	29	29	28	28	28	29	29	29	29	29	29	29	29	29	29		
MAX:	8.0	4.0	2.0	2.0	1.0	1.0	1.0	3.0	18.0	11.0	7.0	9.0	12.0	9.0	12.0	8.0	5.0	6.0	3.0	2.0	2.0	4.0	2.0	7.0		
AVG:	1.33	1.10	1.03	1.00	.90	.96	.97	1.00	2.00	1.79	1.38	1.71	2.25	2.11	2.34	1.76	1.34	1.45	1.24	1.07	1.03	1.10	1.03	1.28		

MONTHLY OBSERVATIONS: 695 MONTHLY MEAN: 1.38 MONTHLY MAX: 18.0

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.1226303792
LONGITUDE: -93.263353359
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 387
PROBE HEIGHT: 3.7

SITE ID: 29-077-0026 POC: 1
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: SOUTH CHARLESTON: 5012 S. Charleston, Springfield, MO 65804
SITE COMMENTS: The Missouri Laboratory Services Program-0588 (The State) took ownership of the s
MONITOR COMMENTS: THE STATE TOOK OVER THE MONITORING OPERATIONS FROM THE LOCAL AGENCIES ON 20111001.

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JANUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.3	1.4	1.3	1.5	2.6	3.3	4.6	4.6	3.1	2.8	2.6	2.4	2.3	2.2	2.1	2.5	2.5	2.1	1.6	1.4	1.6	1.5	1.5	1.6	24	4.6
2	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.1	1.3	1.2	24	1.4
3	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.3	1.2	1.3	1.2	1.2	1.3	1.2	1.3	1.2	1.2	1.5	1.3	1.5	1.3	24	1.5
4	1.3	1.3	1.4	1.3	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.4	1.3	1.3	1.3	1.4	1.3	1.8	1.9	1.7	24	1.9
5	2.0	2.0	1.9	2.0	2.2	2.1	2.0	1.8	1.8	1.8	1.7	7.5	3.2	5.8	9.0	2.0	1.3	1.3	1.3	4.4	6.6	1.3	1.2	1.3	24	9.0
6	1.3	1.5	1.5	1.8	1.8	1.8	1.4	1.4	1.8	1.7	1.5	1.5	1.6	1.5	1.3	1.4	1.5	1.6	1.7	1.6	1.4	1.3	1.5	1.5	24	1.8
7	2.1	2.4	2.3	2.1	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2	24	2.4
8	1.2	1.2	1.3	1.2	1.4	2.5	1.3	6.6	5.2	1.8	2.4	2.0	1.2	1.2	1.2	1.2	1.2	1.4	1.7	1.4	1.7	1.8	1.8	1.9	24	6.6
9	1.9	1.5	1.5	1.7	1.9	2.0	2.1	1.9	2.0	2.0	2.1	1.5	1.5	1.4	1.5	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.5	1.5	24	2.1
10	1.4	1.3	1.3	1.5	1.5	1.4	1.4	1.5	11.3	9.8	18.5	15.7	5.7	9.2	11.1	10.2	17.9	4.8	5.4	1.6	7.4	9.9	12.3	6.4	24	18.5
11	12.5	6.0	2.3	3.8	2.4	1.7	3.0	1.8	1.4	1.3	1.3	1.3	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.2	24	12.5
12	1.2	1.3	1.2	1.3	1.3	1.2	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.3	24	1.4
13	1.3	1.4	1.3	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.0	2.2	2.2	2.0	1.8	1.9	1.9	1.7	1.6	1.6	1.4	24	2.2
14	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.5	BF	BF	1.9	2.1	2.1	3.5	2.1	2.3	2.8	2.1	1.8	2.0	1.7	1.5	1.5	1.5	22	3.5
15	1.5	1.4	1.5	1.4	1.5	1.6	1.5	1.4	1.4	1.6	1.6	1.5	1.5	1.7	1.7	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.3	24	1.7
16	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.6	1.5	1.4	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.3	1.3	1.4	1.3	1.4	1.4	1.4	24	1.6
17	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.6	1.7	1.9	1.8	2.0	1.8	2.0	1.8	1.8	1.5	1.4	1.4	1.3	1.4	1.4	1.3	24	2.0
18	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.4	2.1	1.6	1.5	2.0	1.4	1.4	1.4	1.3	1.3	1.3	1.5	1.7	24	2.1
19	1.6	1.6	1.5	1.4	1.4	1.4	1.3	1.5	1.5	1.6	2.2	2.7	1.5	1.6	1.6	1.4	1.5	1.5	1.5	1.5	1.4	1.5	1.4	1.5	24	2.7
20	1.5	1.6	1.4	1.4	1.4	1.3	1.4	1.4	1.6	2.0	2.6	2.6	2.3	1.4	1.4	1.4	1.3	1.2	1.3	1.3	1.3	1.4	1.3	1.3	24	2.6
21	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.5	1.4	1.3	1.5	1.3	1.3	1.4	1.3	1.4	1.5	1.4	1.4	1.4	1.4	24	1.5
22	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.3	1.4	1.4	1.5	2.0	1.7	1.5	1.5	1.4	1.5	1.5	1.5	1.4	1.4	1.3	1.4	1.4	24	2.0
23	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.4	1.7	2.0	1.7	1.6	1.6	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	24	2.0
24	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5	2.0	3.1	2.2	1.5	1.5	1.4	1.5	1.4	1.3	1.4	1.5	1.5	1.6	1.6	24	3.1
25	1.6	1.5	1.5	1.6	1.6	1.6	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.3	24	1.6
26	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5	1.6	1.7	1.8	1.7	1.4	1.4	1.4	1.4	1.4	24	1.8
27	1.6	1.7	1.6	1.4	1.5	1.5	1.4	1.4	1.5	1.4	1.4	1.6	1.5	1.5	1.5	1.4	1.7	2.1	1.7	1.6	1.5	1.5	1.4	1.4	24	2.1
28	1.3	1.3	1.5	1.7	1.6	1.4	1.5	1.4	1.5	BF	1.5	1.6	1.6	1.6	1.6	1.8	3.0	2.6	2.1	1.7	1.7	1.7	1.7	1.6	23	3.0
29	1.7	2.3	1.9	1.4	1.5	1.7	1.5	1.3	1.4	1.3	1.4	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.5	1.4	1.4	24	2.3
30	1.4	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5	1.7	1.7	1.6	1.5	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.4	24	1.7
31	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.5	1.5	1.7	1.9	2.1	1.8	1.6	2.0	2.1	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.5	24	2.1
NO.:	31	31	31	31	31	31	31	31	30	29	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	12.5	6.0	2.3	3.8	2.6	3.3	4.6	6.6	11.3	9.8	18.5	15.7	5.7	9.2	11.1	10.2	17.9	4.8	5.4	4.4	7.4	9.9	12.3	6.4		
AVG:	1.80	1.60	1.47	1.53	1.51	1.54	1.57	1.70	1.95	1.83	2.21	2.34	1.79	1.95	2.07	1.84	2.10	1.62	1.60	1.53	1.78	1.69	1.79	1.59		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 1.77 MONTHLY MAX: 18.5

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.1226303792
LONGITUDE: -93.263353359
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 387
PROBE HEIGHT: 3.7

SITE ID: 29-077-0026 POC: 1
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: SOUTH CHARLESTON: 5012 S. Charleston, Springfield, MO 65804
SITE COMMENTS: The Missouri Laboratory Services Program-0588 (The State) took ownership of the s
MONITOR COMMENTS: THE STATE TOOK OVER THE MONITORING OPERATIONS FROM THE LOCAL AGENCIES ON 20111001.

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: FEBRUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.3	1.4	1.4	1.3	1.3	1.2	1.3	1.2	1.3	1.3	1.3	24	1.4
2	1.4	1.4	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.4	2.0	2.3	2.0	2.0	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	24	2.3
3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.4	1.4	1.6	1.6	2.1	1.7	1.5	1.5	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.4	24	2.1
4	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.5	1.8	2.3	2.1	2.3	2.4	1.6	1.6	1.4	1.3	1.3	1.3	1.3	1.5	1.4	1.3	24	2.4
5	1.3	1.3	1.3	1.4	1.4	1.6	1.6	1.6	1.6	1.4	1.4	1.4	1.4	3.7	5.7	4.1	3.2	1.6	1.4	1.5	1.4	1.3	1.4	1.4	24	5.7
6	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.6	1.6	1.8	1.5	1.4	1.5	1.4	1.5	1.4	1.5	1.6	1.7	1.7	1.7	1.7	1.8	24	1.8
7	1.5	1.4	1.5	1.5	1.3	1.3	1.3	1.4	1.5	1.7	1.8	1.8	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.4	24	1.8
8	1.5	1.4	1.3	1.4	1.3	1.3	1.4	1.4	1.4	1.7	1.8	1.9	1.9	1.7	1.6	1.5	1.6	1.7	1.6	1.5	1.5	1.5	1.7	1.6	24	1.9
9	1.6	1.5	1.5	1.4	1.4	1.3	1.3	1.4	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.2	24	1.6
10	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.7	2.0	1.8	1.6	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	24	2.0
11	1.5	1.6	1.6	1.4	1.4	1.4	1.3	1.5	1.8	BF	1.6	1.4	1.4	1.3	1.5	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.8	2.2	23	2.2
12	1.7	1.6	1.7	2.2	2.2	2.0	1.6	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.4	24	2.2
13	1.3	1.4	1.4	1.5	1.4	1.4	1.3	1.4	1.4	1.3	1.4	1.4	1.5	1.7	1.7	1.8	1.9	2.0	1.7	1.6	1.7	1.6	1.5	1.5	24	2.0
14	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.9	2.0	2.3	1.7	2.0	1.6	1.4	1.3	1.4	1.4	1.5	1.6	1.6	1.5	1.4	24	2.3
15	1.4	1.4	1.4	1.3	1.4	1.7	2.6	2.5	1.7	1.9	2.4	1.8	1.6	1.4	1.5	1.4	1.4	1.4	1.3	1.4	1.5	1.5	1.6	1.6	24	2.6
16	1.7	1.5	1.4	1.4	1.5	1.5	1.5	1.6	1.7	1.7	1.9	2.3	2.2	2.0	1.8	1.7	1.7	1.6	1.6	1.5	1.8	2.4	1.8	1.5	24	2.4
17	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.5	2.2	2.7	2.3	2.5	2.7	1.8	1.5	1.5	1.7	1.6	1.6	1.4	24	2.7
18	1.4	2.5	1.5	1.5	1.5	1.5	1.5	1.6	2.8	1.6	1.6	1.7	1.5	1.5	1.5	1.4	1.3	1.5	1.4	1.4	1.5	1.5	1.4	1.5	24	2.8
19	1.5	1.4	1.4	1.4	1.4	1.3	1.5	1.5	1.5	1.7	1.7	2.1	2.1	1.9	2.0	1.9	1.8	1.8	1.7	1.8	1.7	1.7	1.6	1.6	24	2.1
20	1.6	1.6	1.8	2.1	2.3	2.5	2.3	2.1	1.8	BF	BF	1.8	1.8	1.8	1.7	1.6	1.5	1.6	1.5	1.4	1.5	1.4	1.4	1.4	22	2.5
21	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.5	1.3	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5	24	1.5
22	1.5	1.4	1.5	1.6	1.5	1.5	1.4	1.4	1.6	1.5	1.6	1.4	1.5	1.5	1.5	1.6	1.4	1.5	1.4	1.5	1.5	1.6	1.8	2.1	24	2.1
23	2.2	2.1	2.0	1.6	1.7	1.6	1.6	1.7	1.6	1.6	1.9	2.2	2.1	1.8	1.8	1.7	1.6	1.5	1.5	1.4	1.5	1.4	1.5	1.4	24	2.2
24	1.5	1.7	2.2	1.8	1.6	1.5	1.5	1.6	1.6	2.3	2.1	1.9	1.6	1.6	1.7	1.7	1.6	1.5	1.6	1.4	1.5	1.4	1.4	1.3	24	2.3
25	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.7	1.7	BF	1.7	1.9	2.0	2.0	1.9	1.7	2.0	2.3	2.0	1.8	1.5	1.5	1.5	1.6	23	2.3
26	1.6	1.5	1.4	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.3	1.4	1.3	1.5	24	1.6
27	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.7	1.8	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.4	1.4	24	1.8
28	1.4	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.7	2.0	2.0	2.1	2.2	2.3	2.4	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.5	24	2.4
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	25	27	28	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:	2.2	2.5	2.2	2.2	2.3	2.5	2.6	2.5	2.8	2.3	2.4	2.3	2.3	3.7	5.7	4.1	3.2	2.3	2.0	1.9	1.8	2.4	1.8	2.2		
AVG:	1.48	1.50	1.48	1.47	1.46	1.47	1.49	1.53	1.58	1.62	1.71	1.72	1.71	1.79	1.80	1.69	1.62	1.56	1.50	1.49	1.50	1.51	1.50	1.50		

MONTHLY OBSERVATIONS: 668 MONTHLY MEAN: 1.57 MONTHLY MAX: 5.7

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.1226303792
LONGITUDE: -93.263353359
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 387
PROBE HEIGHT: 3.7

SITE ID: 29-077-0026 POC: 1
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: SOUTH CHARLESTON: 5012 S. Charleston, Springfield, MO 65804
SITE COMMENTS: The Missouri Laboratory Services Program-0588 (The State) took ownership of the s
MONITOR COMMENTS: THE STATE TOOK OVER THE MONITORING OPERATIONS FROM THE LOCAL AGENCIES ON 20111001.

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: MARCH 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.5	1.4	1.5	1.6	1.5	1.6	1.7	1.6	1.5	1.6	1.4	1.4	1.6	1.6	1.6	24	1.7
2	1.6	1.6	1.5	1.6	1.7	1.5	1.4	1.5	1.8	1.7	1.6	1.6	1.7	1.7	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	24	1.8
3	1.6	1.6	1.6	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4	1.5	1.5	1.5	24	1.6
4	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.4	1.3	1.4	1.5	1.4	1.5	1.6	1.4	1.4	1.5	1.5	1.5	1.6	1.5	1.4	1.5	24	1.6
5	1.5	1.5	1.6	1.5	1.4	1.4	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.4	1.5	1.5	1.5	24	1.6
6	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.5	BF	BF	1.6	1.6	1.6	1.6	1.6	1.6	1.8	2.0	1.9	1.6	1.5	1.5	1.5	22	2.0
7	1.4	1.4	1.5	1.4	1.4	1.4	1.6	1.9	1.9	1.8	1.6	1.6	1.6	1.7	1.7	1.6	1.7	1.7	1.5	1.6	1.5	1.5	1.4	1.5	24	1.9
8	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.7	2.2	3.2	2.6	2.3	2.3	2.1	2.0	2.1	2.0	1.8	1.7	1.6	1.6	1.5	1.5	24	3.2
9	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.7	1.5	1.5	1.4	1.7	2.2	2.0	2.0	1.9	1.7	1.6	1.5	1.5	1.4	1.5	1.5	1.4	24	2.2
10	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.5	1.5	1.5	1.4	1.5	1.5	1.6	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	24	1.6
11	1.5	1.5	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.7	1.9	1.9	1.9	1.8	1.8	1.9	1.7	1.7	1.5	1.5	1.6	1.5	1.5	24	1.9
12	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	2.3	2.7	3.3	2.5	2.3	2.6	3.0	3.3	2.6	2.3	1.9	1.8	1.7	1.6	1.7	1.6	24	3.3
13	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.6	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.4	1.5	24	1.6
14	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	24	1.6
15	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.4	1.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.4	24	1.7
16	1.5	1.6	1.6	1.4	1.6	1.5	1.5	1.6	1.6	1.7	1.6	1.6	1.6	1.8	1.7	1.6	1.7	1.6	1.6	1.6	1.5	1.5	1.6	1.6	24	1.8
17	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.7	1.7	1.7	1.6	BF	BF	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.6	2.4	22	2.4
18	2.0	2.0	2.2	2.4	2.0	1.9	1.9	2.0	1.8	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5	1.5	1.5	24	2.4
19	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.7	2.7	3.4	4.0	3.9	1.7	1.6	1.4	1.6	1.5	24	4.0
20	1.5	1.4	1.4	1.5	1.8	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.7	2.3	2.5	1.7	2.4	1.8	1.8	1.7	1.6	1.6	1.6	24	2.5
21	1.6	1.5	1.5	1.6	1.5	1.6	1.6	1.6	1.6	1.6	2.4	3.7	1.7	1.7	1.8	1.8	1.7	1.8	1.6	1.6	1.7	1.6	1.6	1.5	24	3.7
22	1.6	1.5	1.6	1.5	1.6	1.6	1.6	1.7	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.6	1.5	1.5	1.5	24	1.7
23	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.8	1.7	1.6	1.7	1.8	2.3	2.8	2.7	2.3	1.7	1.6	1.6	1.6	1.6	1.6	24	2.8
24	1.6	1.7	1.6	1.6	1.8	1.9	1.8	1.7	1.9	1.8	1.8	2.0	2.1	2.1	2.0	2.0	1.8	1.8	1.7	2.2	1.7	1.7	1.6	1.5	24	2.2
25	1.5	1.5	1.5	1.5	1.5	1.4	1.6	1.7	1.5	1.5	1.6	1.6	1.6	1.5	1.6	1.5	1.5	1.4	1.5	1.5	1.5	1.4	1.5	1.5	24	1.7
26	1.5	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	1.4	1.5	1.5	1.5	1.5	24	1.7
27	1.6	1.6	1.4	1.5	1.5	1.5	1.4	1.5	1.5	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.6	1.7	1.6	1.7	1.8	1.5	1.5	24	1.8
28	1.5	1.4	1.5	1.4	1.4	1.5	1.4	1.4	1.5	1.6	1.8	1.9	2.0	1.8	1.7	1.8	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	24	2.0
29	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.6	1.6	1.6	1.7	1.8	1.9	1.9	1.9	1.7	1.6	1.6	1.6	1.6	24	1.9
30	1.6	1.6	1.6	1.5	1.6	1.6	1.7	1.8	1.6	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	24	1.8
31	1.6	1.6	1.5	1.5	1.5	1.6	1.6	1.7	1.6	1.7	1.7	1.6	1.6	BF	BF	1.6	1.7	1.7	1.7	1.8	1.7	1.7	1.6	1.6	22	1.8
NO.:	31	31	31	31	31	31	31	31	31	30	30	31	31	29	29	31	31	31	31	31	31	31	31	31		
MAX:	2.0	2.0	2.2	2.4	2.0	1.9	1.9	2.0	2.3	2.7	3.3	3.7	2.3	2.6	3.0	3.3	3.4	4.0	3.9	2.2	1.7	1.8	1.7	2.4		
AVG:	1.54	1.53	1.53	1.53	1.54	1.52	1.54	1.58	1.59	1.63	1.71	1.74	1.68	1.69	1.75	1.79	1.76	1.77	1.71	1.60	1.55	1.55	1.54	1.55		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 1.62 MONTHLY MAX: 4.0

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.1226303792
LONGITUDE: -93.263353359
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 387
PROBE HEIGHT: 3.7

SITE ID: 29-077-0026 POC: 1
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: SOUTH CHARLESTON: 5012 S. Charleston, Springfield, MO 65804
SITE COMMENTS: The Missouri Laboratory Services Program-0588 (The State) took ownership of the s
MONITOR COMMENTS: THE STATE TOOK OVER THE MONITORING OPERATIONS FROM THE LOCAL AGENCIES ON 20111001.

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: APRIL 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.6	1.6	1.6	1.6	1.6	1.6	1.8	1.8	1.7	1.7	1.7	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	24	1.8
2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	24	1.7
3	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.7	1.6	1.5	1.5	1.5	1.5	1.4	1.6	1.6	1.8	1.8	1.7	1.6	1.7	24	1.8
4	1.7	1.7	1.8	1.7	1.6	1.5	1.6	1.6	1.6	1.7	1.8	1.8	1.7	1.5	1.5	1.6	1.5	1.5	1.6	1.5	1.6	1.6	1.6	1.7	24	1.8
5	1.7	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.8	2.2	2.1	1.8	1.5	1.6	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	24	2.2
6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.6	1.5	1.6	1.6	1.6	1.6	1.6	24	1.6
7	1.6	1.5	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.7	1.6	1.7	1.6	1.6	1.7	24	1.8
8	1.7	1.7	1.6	1.7	1.6	1.6	1.6	1.5	1.6	1.7	1.8	1.7	1.6	1.7	1.7	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.6	24	1.8
9	1.6	1.5	1.5	1.5	1.5	1.6	1.7	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.6	1.5	1.5	1.5	1.5	1.5	24	1.8
10	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.8	1.9	1.6	1.6	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.7	1.7	1.6	1.7	1.6	24	1.9
11	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.8	2.2	1.7	1.7	1.7	1.7	1.8	1.7	1.6	1.7	1.7	1.8	1.9	2.0	2.1	24	2.2
12	2.1	1.9	1.9	1.8	1.8	1.8	1.9	1.9	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	2.0	2.0	2.0	1.9	24	2.1
13	1.9	1.8	1.7	1.6	1.7	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.9	1.8	1.8	1.8	1.7	1.6	1.5	1.6	24	1.9
14	1.6	1.7	1.6	1.7	1.7	1.7	1.7	1.9	1.9	1.8	2.0	1.9	1.9	BF	2.0	2.0	2.1	2.2	2.0	1.8	1.8	1.7	1.7	1.8	23	2.2
15	1.8	1.9	1.9	1.9	1.7	1.6	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	24	1.9
16	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.7	24	1.7
17	1.7	1.6	1.6	1.7	1.7	1.7	1.6	1.7	1.7	1.6	1.7	1.6	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.7	24	1.8
18	1.6	1.7	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	24	1.7
19	1.7	1.7	1.7	1.6	1.7	1.6	1.6	1.6	1.6	1.7	2.0	1.7	1.8	1.8	1.7	1.7	1.8	1.8	1.7	1.6	1.6	1.6	1.6	1.6	24	2.0
20	1.7	1.8	1.8	1.7	1.7	1.6	1.7	1.7	1.6	1.7	1.6	1.5	1.6	1.7	1.7	1.7	1.7	1.9	1.8	1.7	1.6	1.6	1.6	1.6	24	1.9
21	1.6	1.7	1.6	1.6	1.6	1.6	1.8	1.7	1.8	1.9	1.9	1.8	1.7	1.7	1.8	1.7	1.7	1.8	1.7	1.6	1.6	1.7	1.7	1.7	24	1.9
22	1.8	1.7	1.7	1.7	1.6	1.6	1.7	1.6	1.6	1.5	1.6	1.6	1.5	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	24	1.8
23	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.7	1.8	1.8	1.9	1.8	1.7	1.7	1.8	1.8	1.8	1.9	1.8	1.7	1.7	24	1.9
24	2.1	2.3	2.2	1.9	2.0	1.9	1.9	2.2	2.0	1.7	1.6	1.7	1.9	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	24	2.3
25	1.7	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.6	1.6	1.6	1.6	24	1.7
26	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.2	2.6	24	2.6
27	2.4	2.2	1.9	1.9	2.2	2.2	2.3	2.3	2.1	1.9	2.1	2.0	2.0	2.0	2.2	1.8	1.8	2.1	2.1	1.8	1.8	1.7	1.7	1.7	24	2.4
28	1.7	1.9	1.9	1.7	1.7	1.7	1.8	2.2	2.1	2.2	2.2	2.0	1.9	1.9	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.7	1.7	1.7	24	2.2
29	1.6	1.7	1.6	1.7	1.7	1.7	1.7	BF	2.0	1.9	1.9	1.8	1.9	1.8	1.9	1.8	1.9	1.9	1.8	1.8	1.8	1.7	1.8	1.8	23	2.0
30	1.8	1.8	1.8	1.8	1.7	1.7	1.8	1.8	1.9	1.8	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.8	24	1.9
31																									0	
NO.:	30	30	30	30	30	30	30	29	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30		
MAX:	2.4	2.3	2.2	1.9	2.2	2.2	2.3	2.3	2.1	2.2	2.2	2.0	2.0	2.0	2.2	2.0	2.1	2.2	2.1	1.8	2.0	2.0	2.2	2.6		
AVG:	1.71	1.71	1.68	1.65	1.65	1.64	1.68	1.72	1.73	1.72	1.77	1.71	1.71	1.71	1.71	1.69	1.69	1.72	1.70	1.67	1.67	1.65	1.66	1.70		

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 1.69 MONTHLY MAX: 2.6

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.1226303792
LONGITUDE: -93.263353359
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 387
PROBE HEIGHT: 3.7

SITE ID: 29-077-0026 POC: 1
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: SOUTH CHARLESTON: 5012 S. Charleston, Springfield, MO 65804
SITE COMMENTS: The Missouri Laboratory Services Program-0588 (The State) took ownership of the s
MONITOR COMMENTS: THE STATE TOOK OVER THE MONITORING OPERATIONS FROM THE LOCAL AGENCIES ON 20111001.

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: MAY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.7	1.6	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.8	1.7	1.8	24	1.9
2	1.8	1.8	1.8	1.7	1.8	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.8	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	24	2.0
3	1.9	1.8	1.9	1.9	1.8	1.8	1.8	1.8	1.9	2.0	2.4	2.5	2.3	2.1	2.1	2.2	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.1	24	2.5
4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	1.9	2.0	1.9	24	2.2
5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	1.9	24	2.0
6	1.9	1.9	1.9	1.9	1.9	2.0	2.1	2.0	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	24	2.1
7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	1.8	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	2.0	24	2.0
8	1.9	2.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.8	1.9	1.8	1.9	1.8	1.8	1.9	1.9	1.9	24	2.0
9	1.7	1.9	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.8	1.9	1.9	1.8	24	1.9
10	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.8	1.8	1.7	1.7	1.8	1.8	1.8	1.8	24	1.9
11	1.8	1.8	1.8	1.7	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.7	1.8	1.7	1.7	1.7	1.7	24	1.9
12	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1.8	1.7	BF	BF	BF	BF	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	20	2.1
13	1.9	1.9	1.9	1.9	1.7	AV	2.2	BF	BF	BF	BC	BC	.8	.5	.3	.3	.1	.3	.0	-.2	-.2	-.2	-.2	-.2	18	2.2
14	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	BF	BF	BF	.9	.7	.7	.7	.6	.7	.7	.6	.6	.6	.6	21	.9
15	.8	.8	.8	.8	.8	.9	.9	.8	.8	.7	.8	.6	.5	.6	.6	.5	.7	.6	.7	.8	.7	.7	.7	.7	24	.9
16	.5	.6	.6	.3	.4	.4	.4	.3	.5	.4	.4	.4	.4	.5	.4	.5	.6	.7	.6	.6	.6	.5	.6	.7	24	.7
17	.7	.4	.2	.2	.1	.1	.3	.3	.3	.2	.2	.2	.4	.4	.4	.4	.5	.3	.4	.4	.3	.4	.3	.4	24	.7
18	.4	.5	.4	.4	.4	.5	.4	.5	.9	.8	.7	.6	.7	.6	.8	.7	.7	.7	.6	.6	.4	.3	.3	.4	24	.9
19	.4	.4	.5	.3	.6	.7	.5	.5	.6	.4	.6	.5	.5	.5	.6	.5	.6	.6	.6	.5	.5	.6	.4	.4	24	.7
20	.4	.6	.7	.7	.7	.8	.8	.7	.6	.5	.5	.6	.5	.5	.5	.4	.4	.5	.4	.4	.5	.4	.4	.4	24	.8
21	.4	.4	.4	.4	.2	.3	.3	.5	AV	.7	.7	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	23	.9
22	.9	1.0	.9	1.0	.9	1.0	1.0	1.0	1.0	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0	.9	1.0	.9	1.0	1.0	24	1.0
23	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.2	1.0	1.1	1.1	1.0	1.2	1.1	1.1	1.1	1.1	1.2	24	1.2
24	1.1	1.2	1.1	1.0	1.1	1.1	1.2	1.1	1.2	1.2	1.2	1.3	1.2	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.1	1.1	1.3	1.2	24	1.3
25	1.2	1.1	1.3	1.3	1.3	1.2	1.4	1.3	1.3	1.4	1.3	1.4	1.4	1.4	1.5	1.4	1.5	1.6	1.5	1.2	1.0	1.0	.9	.9	24	1.6
26	.9	.8	.9	.9	.8	.9	.9	1.0	.9	.9	1.0	.9	.9	.9	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.1
27	1.0	1.0	.9	.9	1.0	1.0	1.1	1.1	1.2	1.3	BF	1.3	1.2	1.0	1.0	1.1	1.0	1.0	1.1	1.0	1.0	1.0	1.0	.9	23	1.3
28	1.0	.9	.9	.9	.9	.9	.9	.9	1.0	1.1	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	.9	1.0	24	1.1
29	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.2	1.1	1.1	1.3	1.1	1.0	1.1	1.1	1.1	1.1	24	1.3
30	1.2	1.3	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.3	1.4	1.3	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.6	24	1.6
31	1.6	1.6	1.5	1.6	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.7	24	1.8
NO.:	31	31	31	31	31	30	31	30	29	30	27	28	29	30	31	31	31	31	31	31	31	31	31	31		
MAX:	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.1	2.2	2.2	2.4	2.5	2.3	2.1	2.1	2.2	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.1		
AVG:	1.24	1.25	1.22	1.20	1.19	1.20	1.25	1.23	1.27	1.26	1.32	1.33	1.28	1.27	1.28	1.27	1.30	1.29	1.28	1.26	1.24	1.24	1.23	1.25		

MONTHLY OBSERVATIONS: 729 MONTHLY MEAN: 1.26 MONTHLY MAX: 2.5

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.1226303792
LONGITUDE: -93.263353359
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 387
PROBE HEIGHT: 3.7

SITE ID: 29-077-0026 POC: 1
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: SOUTH CHARLESTON: 5012 S. Charleston, Springfield, MO 65804
SITE COMMENTS: The Missouri Laboratory Services Program-0588 (The State) took ownership of the s
MONITOR COMMENTS: THE STATE TOOK OVER THE MONITORING OPERATIONS FROM THE LOCAL AGENCIES ON 20111001.

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JUNE 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.7	1.6	1.6	1.6	1.6	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.0	.9	.9	.9	.9	.9	.9	.9	.7	.8	.8	24	1.7
2	.7	.6	.6	.3	.4	.2	.2	.1	.1	.3	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	-.1	-.1	.0	24	.7
3	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.2	24	-.1
4	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.4	-.3	-.3	-.2	-.1	-.1	-.2	-.3	-.3	-.4	-.5	-.5	-.7	-.4	-.6	-.7	-.7	24	-.1
5	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.5	-.5	-.7	-.6	-.6	-.6	-.7	-.7	-.8	-.9	-.8	-.9	-.7	24	-.5
6	-1.0	-.8	-.8	-.8	-.7	-.9	-.7	-.9	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-1.0	-.9	-.9	-.8	-.9	-1.0	-1.0	-1.0	-.9	24	-.7
7	-.9	-.9	-.9	-1.0	-1.0	AV	-.8	-.8	-.2	-.3	-.5	-.6	-.6	-.6	-.7	-.7	-.8	-1.0	-.9	-.9	-1.0	-.9	-1.0	-1.0	23	-.2
8	-1.1	-1.0	-1.0	-.6	-.6	-.8	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.2	-1.1	24	-.6
9	-1.1	-1.2	-1.1	-1.2	-1.2	-1.2	-1.1	-1.1	-1.1	.0	BF	BF	BF	BF	.8	1.0	1.1	1.6	1.0	.8	.7	.8	.8	.8	20	1.6
10	.7	.7	.7	.6	.7	.7	.6	.8	.9	.9	.9	.9	.9	.8	.8	.8	.8	.8	.8	.7	.8	.7	.7	.7	24	.9
11	.6	.7	.6	.7	.6	.6	.7	.8	.7	.7	.9	.9	.8	.8	.9	.9	.9	.9	.8	.7	.8	.8	.8	.7	24	.9
12	.7	.7	.7	.5	.7	.6	.7	.9	.9	.9	.8	.9	.8	.7	.7	.8	.6	.7	.7	1.0	.6	.7	.5	.6	24	1.0
13	.6	.5	.6	.5	.5	.6	.5	.7	.7	.5	.5	.5	.6	.5	.7	.6	.5	.7	.5	.6	.6	.6	.5	.6	24	.7
14	.5	.5	.5	.6	.5	.5	.5	.5	.5	.6	.5	.5	.5	.6	.6	.6	.6	.6	.6	.5	.6	.5	.6	.6	24	.6
15	.5	.7	.5	.4	.5	.6	.6	.7	.5	.5	.5	.6	.6	.6	.6	.6	.5	.7	.6	.6	.6	.5	.6	.6	24	.7
16	.6	.6	.5	.5	.5	.6	.6	.6	.6	.6	.6	.5	.4	.5	.5	.7	.7	.6	.5	.6	.5	.5	.6	.4	24	.7
17	.6	.4	.6	.5	.5	.5	.5	.5	.5	.6	.6	.5	.4	.5	.6	.5	.5	.5	.6	.6	.6	.5	.6	.5	24	.6
18	.5	.5	.5	.6	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.3	.5	.6	.5	.5	.4	.5	.6	.5	.4	24	.6
19	.6	.4	.5	.5	.5	.4	.4	.4	.5	.4	.6	.5	.6	.5	.5	.5	.5	.6	.6	.5	.5	.6	.5	.6	24	.6
20	.5	.6	.6	.6	.5	.5	.5	.6	.6	.7	.6	.6	.7	.8	.7	.7	.7	.5	.6	.7	.7	.6	.6	.7	24	.8
21	.5	.6	.6	.7	.6	.6	.7	.7	.7	.7	.7	.6	.7	.6	.6	.6	.7	.7	.7	.7	.7	.7	.8	.6	24	.8
22	.6	.7	.7	.6	.7	.7	.7	.8	.8	.8	.8	.8	.7	.6	.6	.7	.6	.7	.7	.6	.7	.7	.7	.7	24	.8
23	.7	.7	.8	.8	.8	.8	.8	.9	.9	.9	.9	.9	.9	.8	.8	.9	.7	.8	.6	.7	.7	.7	.7	.7	24	.9
24	.7	.7	.7	.6	.7	.6	.6	.8	BF	BF	1.0	.5	.5	.4	.4	.4	.6	.6	.5	.3	.3	.4	.4	.3	22	1.0
25	.4	.3	.2	.2	.2	.3	.6	.9	.8	.7	.6	.5	.5	.5	.4	.5	.4	.3	.4	.7	.5	.4	.3	.2	24	.9
26	.2	.4	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.6	.3	.1	.2	.3	.2	.3	.2	.3	24	.6
27	.2	.3	.2	.3	.2	.3	.1	.2	.3	.2	.2	.3	.2	.2	.3	.2	.3	.3	.3	.2	.3	.2	.3	.3	24	.3
28	.4	.3	.4	.3	.4	.5	.3	.3	.4	.3	1.4	1.5	1.5	1.0	.8	.6	.8	.7	.8	.7	.9	1.0	.9	.8	24	1.5
29	1.0	.7	.7	.4	.4	.4	.8	.7	.8	.5	.6	.7	.4	.5	.5	.4	.4	.4	.4	.5	.3	.4	.5	.3	24	1.0
30	.4	.2	.3	.3	.4	.3	.3	.3	1.9	3.1	.5	.6	1.0	1.1	1.6	1.6	1.4	1.6	1.6	.6	.5	.4	.3	.4	24	3.1
31																									0	
NO.:	30	30	30	30	30	29	30	30	29	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	1.7	1.6	1.6	1.6	1.6	1.3	1.3	1.3	1.9	3.1	1.4	1.5	1.5	1.1	1.6	1.6	1.4	1.6	1.6	1.0	.9	1.0	.9	.8		
AVG:	.29	.28	.29	.26	.27	.29	.27	.31	.37	.43	.41	.40	.39	.35	.38	.40	.38	.38	.36	.31	.30	.29	.27	.27		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .33 MONTHLY MAX: 3.1

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.1226303792
LONGITUDE: -93.263353359
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 387
PROBE HEIGHT: 3.7

SITE ID: 29-077-0026 POC: 1
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: SOUTH CHARLESTON: 5012 S. Charleston, Springfield, MO 65804
SITE COMMENTS: The Missouri Laboratory Services Program-0588 (The State) took ownership of the s
MONITOR COMMENTS: THE STATE TOOK OVER THE MONITORING OPERATIONS FROM THE LOCAL AGENCIES ON 20111001.

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JULY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.4	.4	.4	.2	AV	AV	AV	.6	.7	.8	.8	.8	.8	.8	.9	.8	.8	.9	.9	.9	.9	.9	.9	.9	21	.9
2	.9	.9	.9	.9	.9	.9	1.0	.9	.9	.9	.9	.9	.8	1.0	1.0	.9	.9	1.0	.9	.9	1.0	1.0	1.0	.9	24	1.0
3	1.0	.9	1.0	1.0	1.0	.9	.9	1.0	1.0	1.0	1.0	.9	.9	1.0	1.0	1.0	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.0	24	1.0
4	1.0	.9	1.0	1.0	1.0	.9	1.0	1.0	1.0	.9	.9	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.1	24	1.1
5	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	.9	.9	.9	.9	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.0	1.1	1.1	1.1	1.0	24	1.1
6	1.0	.9	1.0	1.0	1.0	.9	.9	1.0	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	24	1.1
7	1.0	1.0	1.0	.6	.3	.2	.2	.2	.3	.1	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2	.1	24	1.0
8	.2	.1	.2	.2	.1	.2	.1	.1	.1	.2	.2	.1	.1	.3	.2	.1	.1	.2	.2	.2	.0	.1	.1	.2	24	.3
9	.2	.1	.1	.2	.2	.1	.2	.1	BF	BF	.3	.2	.1	.3	.1	.2	.0	.2	.2	.1	.1	.1	.2	.2	22	.3
10	.1	.2	.2	.1	.2	.2	.2	.1	.2	.3	.4	.5	.5	.3	.5	.5	.6	.4	.4	.3	.3	.3	.3	.3	24	.6
11	.3	.2	.3	.2	.3	.2	.2	.3	.7	.9	1.2	1.0	.8	.6	.5	.4	.5	.5	.5	.4	.4	.3	.3	.4	24	1.2
12	.3	.2	.2	.2	.3	.3	.2	.4	.6	.7	.5	.5	.6	.5	.4	.4	.4	.4	.4	.4	.4	.3	.4	.4	24	.7
13	.3	.3	.3	.3	.3	.3	.2	.4	.6	.6	.4	.5	.4	.6	.3	.4	.4	.4	.3	.3	.4	.4	.6	.4	24	.6
14	.3	.4	.5	.3	.3	.3	.3	.5	.8	1.6	1.6	.4	.4	.6	.6	.4	.4	.4	.4	.4	.4	.3	.3	.4	24	1.6
15	.3	.2	.2	.2	.3	.3	.3	.4	1.4	2.0	2.2	1.0	1.3	2.1	1.4	.5	.5	.6	.5	.4	.5	.9	1.4	2.3	24	2.3
16	3.8	.9	.6	.5	.5	.7	5.5	2.1	1.1	1.0	.9	.8	.7	.6	.7	.6	.6	.5	.6	.5	.5	.4	.4	.4	24	5.5
17	.4	.4	.3	.3	.3	.3	.5	.8	.8	.8	.9	.8	.9	.7	.6	.4	1.0	.4	.6	.4	.4	.5	.3	1.2	24	1.2
18	.7	.5	.8	3.9	1.2	.6	3.2	1.1	.9	.8	.7	.5	.6	.5	.9	.5	.6	.5	.4	.4	.4	.3	.3	.3	24	3.9
19	.3	.3	.4	.3	.3	.2	.3	.7	.9	.7	.8	.7	.7	.9	.9	.8	.7	.6	.6	.5	.4	.4	.3	.4	24	.9
20	.3	.4	.6	1.0	.6	.4	.6	.7	.8	1.3	1.4	1.0	.8	.7	.7	.8	.5	.5	.3	.3	.3	.4	.2	.4	24	1.4
21	.2	.3	.3	.3	.3	.3	.2	.3	.4	.7	.6	.4	.3	BF	.7	.4	.9	.9	1.2	1.3	.5	.4	.4	.4	23	1.3
22	.3	.3	1.3	.7	.7	1.0	.7	.7	.6	1.1	.7	.4	.4	.5	2.7	1.8	.8	.5	1.0	.4	.4	.3	.3	.3	24	2.7
23	.4	.2	.3	.2	.1	.2	.3	.2	.3	.2	.3	1.1	1.7	1.5	.7	.4	.4	.4	.4	.4	.4	.4	.4	.3	24	1.7
24	.3	.3	.4	.3	.3	.4	.3	.5	4.5	3.5	3.1	1.6	1.0	.8	.7	.8	.7	.6	.4	.5	.5	2.3	.6	.4	24	4.5
25	.4	.3	.3	.4	.3	.3	.3	.5	.4	5.2	3.8	2.9	9.6	2.6	1.5	1.7	1.1	1.0	.8	.7	.6	.5	.7	2.8	24	9.6
26	4.4	1.3	.7	.6	.5	.4	.4	.5	.8	.9	.8	.8	.7	.9	.8	.6	.6	.7	.6	.6	.5	.5	.4	.7	24	4.4
27	.8	.6	.4	.5	.4	.6	1.0	1.0	.8	.9	1.0	1.0	.8	.8	1.3	1.0	.7	.7	.6	1.4	2.6	.8	.6	4.2	24	4.2
28	1.7	.7	1.6	1.7	.7	.6	.4	.5	.6	.7	.6	.8	.6	2.1	1.0	.6	.6	.5	.6	.5	.5	.3	.4	.5	24	2.1
29	.5	.5	.4	.4	.5	.3	.6	.5	.6	.7	1.7	2.0	.6	.7	.9	.5	.5	.4	.5	.4	.6	.5	.5	.5	24	2.0
30	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.6	.4	.4	1.0	.9	1.1	.6	.6	.6	.6	.4	.5	.5	.5	24	1.1
31	.5	.3	.5	.4	.5	.4	.3	.6	9.6	5.1	.9	.7	.6	.5	.5	.5	.5	.4	.4	.6	.7	.6	.4	.5	24	9.6
NO.:	31	31	31	31	30	30	30	31	30	30	31	31	31	30	31	31	31	31	31	31	31	31	31	31		
MAX:	4.4	1.3	1.6	3.9	1.2	1.0	5.5	2.1	9.6	5.2	3.8	2.9	9.6	2.6	2.7	1.8	1.1	1.0	1.2	1.4	2.6	2.3	1.4	4.2		
AVG:	.76	.50	.57	.62	.50	.46	.73	.62	1.13	1.20	1.01	.84	.98	.87	.83	.69	.63	.59	.60	.58	.59	.58	.53	.79		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: .72 MONTHLY MAX: 9.6

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.1226303792
LONGITUDE: -93.263353359
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 387
PROBE HEIGHT: 3.7

SITE ID: 29-077-0026 POC: 1
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: SOUTH CHARLESTON: 5012 S. Charleston, Springfield, MO 65804
SITE COMMENTS: The Missouri Laboratory Services Program-0588 (The State) took ownership of the s
MONITOR COMMENTS: THE STATE TOOK OVER THE MONITORING OPERATIONS FROM THE LOCAL AGENCIES ON 20111001.

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: AUGUST 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.5	.5	.4	.6	.4	.4	.5	.5	.5	.3	.6	.6	.6	.8	.7	.6	.7	.6	.7	.4	.6	.5	.5	.5	24	.8
2	.4	.5	.5	.3	.4	.5	.3	.6	.7	1.0	1.0	1.0	.9	.9	.9	.7	.8	.7	.8	.8	.8	.6	.6	.4	24	1.0
3	.5	.3	.4	.4	.4	.4	.5	.7	.8	.9	1.5	1.4	1.5	1.2	1.0	1.1	.9	.7	.6	.6	.6	.6	.6	.4	24	1.5
4	.3	.5	.4	.4	.5	.4	.4	2.0	1.5	.7	.6	.7	.6	.9	1.0	.9	.9	.7	.6	.5	.5	.5	.9	.6	24	2.0
5	.4	.6	.5	.4	.3	.5	.6	.8	BF	.7	.4	.4	1.3	2.3	2.4	1.9	4.3	2.5	1.4	.5	.5	.4	.4	.3	23	4.3
6	.3	.4	.3	.3	.5	.2	.4	.5	.4	.5	.4	.3	.4	.4	.5	.4	.4	.4	.5	.5	.4	.3	.4	.4	24	.5
7	.4	.3	1.0	.7	1.3	1.3	1.5	.8	.6	.5	1.0	2.2	2.2	2.1	1.4	.8	.7	.6	.5	.6	.5	.4	.4	.3	24	2.2
8	.4	.5	.4	.4	.4	.4	.3	.3	.3	.4	.3	.2	.3	.4	1.1	6.0	5.4	.9	.6	.4	.5	.4	.5	.5	24	6.0
9	.7	.9	10.3	5.2	1.3	1.2	.9	5.0	1.1	.9	.9	.9	.8	.7	.7	.6	.8	.7	.7	3.8	1.4	.9	.7	.6	24	10.3
10	.5	.5	.4	.4	.7	.7	.5	.4	.3	.3	.7	.4	2.4	.6	.5	.5	.4	.5	.5	.6	.5	.5	.6	.5	24	2.4
11	.4	.5	.5	.4	.4	.4	.3	.6	.5	.5	.4	.4	.5	BL	BL	.5	.5	.4	.5	.5	.4	.4	.5	.4	22	.6
12	.4	.4	.5	.4	.4	.5	.4	.5	.6	.5	.5	.5	.5	.4	.5	.4	.5	.5	.5	.6	.4	.5	.4	.4	24	.6
13	.4	.5	.5	.4	.4	.6	.5	.6	10.9	8.5	6.6	3.3	5.2	3.3	.6	.6	.5	.6	.7	.7	.7	.6	.5	.5	24	10.9
14	.5	.4	.5	.5	.5	.5	.5	.4	1.6	2.6	.8	.7	.5	.7	.6	.7	.8	.7	.7	.5	.5	.5	.5	.5	24	2.6
15	.4	.4	.5	.5	.5	.5	.5	.6	.8	1.0	1.0	.9	.9	.8	.7	.7	.6	.7	.6	.6	.7	.5	.6	.4	24	1.0
16	.4	.5	.5	.5	.5	.5	.5	.4	.5	.8	.6	.5	1.2	1.2	1.7	.7	.7	.6	.6	.5	.6	.6	.6	.5	24	1.7
17	.5	.5	.5	.6	.5	.5	.6	.9	2.9	.8	.7	.6	.6	.6	.7	.6	1.0	.6	.9	.6	.5	.5	.3	.5	24	2.9
18	.7	.5	.5	1.0	1.4	.9	.7	3.8	.8	.7	BF	1.3	1.0	1.0	.9	.9	1.1	3.6	2.1	.8	.6	.8	.6	.4	23	3.8
19	.7	.8	.7	.5	.6	.5	.6	.4	.4	.5	.4	.5	.6	.6	.9	.5	.6	.5	.5	.6	.5	.5	.5	.5	24	.9
20	.5	.5	.5	.5	.4	.5	.5	.4	.7	4.3	1.7	1.9	3.0	2.8	2.0	.6	.6	.6	.6	.6	.5	.5	.5	.6	24	4.3
21	.4	.5	.4	.4	.5	.6	.5	.7	1.0	1.1	1.0	5.8	.9	.9	1.1	1.8	.6	.7	.8	.8	.7	.7	.6	.8	24	5.8
22	.7	.8	.8	.8	.9	1.5	1.0	1.1	1.5	.9	.7	.6	.6	1.1	5.4	2.9	.6	.5	2.8	2.5	3.8	2.9	.9	.6	24	5.4
23	.5	.5	.5	1.2	.6	.5	.3	.4	.5	.4	.5	.5	.4	.5	.4	.7	.7	.6	.8	.6	.5	.4	.4	.4	24	1.2
24	.4	.4	.5	.6	.6	.6	.6	.7	.7	.6	.7	.6	.6	.6	.6	.6	.6	.6	.6	.5	.6	.6	.5	.6	24	.7
25	.6	.6	.6	.7	.6	.6	.7	.8	.8	.8	.7	.7	.7	.9	.8	.8	.8	.8	.7	.6	.6	.6	.6	.5	24	.9
26	.5	.6	.6	.6	.6	.6	.7	.7	.7	2.8	1.6	.9	.9	.8	.8	.7	.8	.8	.6	.6	.6	.6	.6	.6	24	2.8
27	.6	.5	.5	.6	.6	.5	.6	.8	8.2	1.6	1.3	1.0	.8	7.4	2.8	5.8	.9	.8	3.2	.8	.6	.7	.5	.6	24	8.2
28	.6	1.0	.9	1.0	1.0	.8	.9	.9	6.0	2.4	1.8	6.4	1.5	1.1	.8	.8	.8	.6	.6	.6	.6	.8	.7	.6	24	6.4
29	.7	.7	3.8	4.0	1.5	.7	.7	.7	.7	.7	6.2	5.6	4.5	3.0	2.1	1.2	.9	.8	.8	.8	.7	.7	.6	.6	24	6.2
30	.6	.6	.5	.6	.5	.6	.5	1.4	.9	2.9	2.4	3.3	4.8	3.6	8.4	1.7	.9	.9	.9	.8	.6	.6	.6	.6	24	8.4
31	.6	.6	.5	.6	.6	.5	.6	.5	1.7	2.9	1.0	1.0	.8	.8	1.1	2.5	1.3	1.0	.7	.8	.8	.5	.6	.6	24	2.9
NO.:	31	31	31	31	31	31	31	31	30	31	30	31	31	30	30	31	31	31	31	31	31	31	31	31		
MAX:	.7	1.0	10.3	5.2	1.5	1.5	1.5	5.0	10.9	8.5	6.6	6.4	5.2	7.4	8.4	6.0	5.4	3.6	3.2	3.8	3.8	2.9	.9	.8		
AVG:	.50	.54	.95	.82	.64	.61	.58	.93	1.62	1.40	1.27	1.45	1.34	1.41	1.44	1.26	1.00	.81	.87	.78	.70	.63	.55	.51		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: .94 MONTHLY MAX: 10.9

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.1226303792
LONGITUDE: -93.263353359
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 387
PROBE HEIGHT: 3.7

SITE ID: 29-077-0026 POC: 1
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CITY: (70000) Springfield
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SITE COMMENTS: The Missouri Laboratory Services Program-0588 (The State) took ownership of the s
MONITOR COMMENTS: THE STATE TOOK OVER THE MONITORING OPERATIONS FROM THE LOCAL AGENCIES ON 20111001.

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: SEPTEMBER 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.5	.6	.6	.5	.6	.5	.5	.5	2.1	5.5	2.1	4.4	4.4	1.8	1.2	BF	1.0	.8	.8	.7	.7	.6	.6	.6	23	5.5
2	.5	.5	.5	.5	.6	.5	.6	1.4	1.0	.9	.9	.8	6.5	5.6	1.6	1.0	2.9	.9	.7	.7	.7	.6	.6	.6	24	6.5
3	.6	.5	.5	.6	.5	.6	.5	.7	.6	.9	1.0	2.9	2.1	3.3	4.5	3.7	.9	.7	.7	.6	.7	.6	.5	.5	24	4.5
4	.5	.5	.7	.6	.6	.6	.6	.7	.8	1.1	2.1	1.6	.8	3.1	1.5	6.6	1.1	.8	.7	.7	.7	.6	.6	.6	24	6.6
5	.8	.8	.7	.6	.6	.6	.5	.7	3.2	4.5	4.2	6.5	3.4	3.6	1.1	1.0	1.0	.9	.9	.7	.7	.7	.7	.9	24	6.5
6	1.0	1.1	1.0	1.0	.8	.8	.7	1.7	3.4	1.1	.8	.7	.7	3.3	1.0	.7	.7	.8	.8	.7	.7	1.0	1.7	2.2	24	3.4
7	2.1	1.7	1.5	1.1	1.0	.9	.8	.8	.9	1.9	4.4	2.4	.7	.8	.7	.8	.7	.7	.7	.6	.7	.5	.6	.6	24	4.4
8	.6	.6	.6	.6	.7	.6	.7	2.1	2.4	.9	.6	.5	.5	.5	.5	.5	.6	.6	.6	.6	.5	.6	.6	.5	24	2.4
9	.5	.6	.4	.5	.5	.6	.5	.5	.6	.5	.4	.6	.6	.6	.6	.6	.6	.6	.5	.6	.5	.6	.6	.5	24	.6
10	.6	.6	.6	.6	.5	.5	.7	.6	.6	.6	.7	.7	.8	.9	1.0	BA	BA	.7	.7	.6	.7	.7	.5	.6	22	1.0
11	.6	.5	.7	.6	.5	.5	.5	.6	.6	.6	.6	.6	.7	.6	.6	.6	.6	.7	.6	.6	.7	.6	.7	.7	24	.7
12	.6	.7	.8	.6	.7	.7	.8	.7	.8	.8	.7	.7	.7	.6	.6	.7	.8	.7	.6	.7	.7	.8	.7	.7	24	.8
13	.7	.7	.7	.7	.6	.7	.7	6.1	8.4	13.9	3.1	1.3	3.7	2.3	9.5	2.7	3.1	.8	.8	.7	.9	5.4	2.6	2.1	24	13.9
14	1.0	.8	.8	.9	.9	.9	.9	.9	3.3	10.0	13.8	7.6	6.8	5.7	3.5	5.6	.9	.8	.8	.8	.9	.9	.9	.9	24	13.8
15	.9	.9	.8	.9	.8	.8	.9	1.3	7.6	14.4	11.3	BF	3.4	5.6	9.9	8.9	5.8	.9	.9	.9	.9	.9	.9	.9	23	14.4
16	.8	.8	.8	.8	.8	.8	1.2	.9	2.6	4.4	9.4	9.9	10.5	7.1	3.8	4.2	3.3	.9	.8	.8	.7	.8	.8	.9	24	10.5
17	.9	.9	.9	.7	.8	.8	.7	2.8	9.9	1.5	.9	.9	.8	2.0	1.0	1.2	8.7	7.0	1.1	2.8	13.8	6.0	6.7	8.2	24	13.8
18	4.9	2.1	3.8	14.2	9.5	6.2	7.6	9.9	2.3	1.3	1.1	1.0	1.0	1.0	.9	.8	.9	.9	1.0	.9	.8	.9	.8	.7	24	14.2
19	.7	.7	.7	.5	.6	.6	.6	.7	.6	.6	.6	.7	.7	.7	.7	.8	.7	.7	.7	.7	.8	.7	.7	.8	24	.8
20	.7	.8	.7	.8	.7	.8	.8	.8	.9	1.1	.9	.8	1.9	4.9	.9	.8	.8	.8	.7	.7	.7	.7	.6	.7	24	4.9
21	.7	.6	.6	.6	.7	.6	.7	1.0	1.2	4.3	4.4	2.6	3.8	1.9	1.9	3.4	.9	.7	.8	.7	.8	.7	.6	.8	24	4.4
22	.7	.7	.9	1.0	1.0	1.5	1.5	1.4	4.2	7.7	10.1	4.6	2.9	2.4	1.5	.9	.9	.9	.9	.9	.9	.8	.8	.8	24	10.1
23	.8	.8	.9	.8	.7	.8	.9	1.2	1.8	3.0	1.8	1.8	1.6	1.0	.9	1.5	1.0	1.0	1.0	1.0	.9	.8	.9	.8	24	3.0
24	.9	.8	.8	.8	.8	.7	.8	1.0	1.1	1.8	4.7	3.9	6.5	3.0	1.4	1.2	1.1	1.1	.9	.9	.9	.8	.8	.8	24	6.5
25	.8	.7	.8	.7	.8	.8	.8	.9	1.1	.9	1.0	1.0	1.0	1.0	1.4	1.7	1.3	1.2	1.0	.9	.8	.8	.8	.9	24	1.7
26	.8	.8	.8	.7	.7	.8	.7	.9	1.3	1.1	1.3	1.3	1.3	1.1	1.0	1.0	.9	.8	.9	.9	.8	.8	.8	.8	24	1.3
27	.7	.8	.7	.6	.7	.8	.7	.7	.7	1.7	1.3	1.4	2.5	4.4	.9	1.0	.7	.6	.7	.6	.7	.7	.7	.8	24	4.4
28	.8	.7	.8	.8	.8	.9	.8	.9	.9	2.7	2.9	.9	.9	.9	.8	.9	.9	.8	.7	.8	.7	.7	.8	.7	24	2.9
29	.8	.8	.7	.8	.7	.7	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.7	.8	.8	.8	.8	.8	.7	24	.8
30	.8	.8	.7	.8	.6	.7	.8	.9	.8	.8	BF	.9	.8	.8	.8	.8	.8	.7	.8	.8	.8	.8	.8	.8	23	.9
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	29	30	30	30	28	29	30	30	30	30	30	30	30		
MAX:	4.9	2.1	3.8	14.2	9.5	6.2	7.6	9.9	9.9	14.4	13.8	9.9	10.5	7.1	9.9	8.9	8.7	7.0	1.1	2.8	13.8	6.0	6.7	8.2		
AVG:	.91	.80	.85	1.16	.99	.91	.98	1.47	2.22	3.04	3.03	2.20	2.43	2.38	1.88	1.94	1.53	1.01	.79	.81	1.19	1.06	1.01	1.07		

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 1.48 MONTHLY MAX: 14.4

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

(42401) Sulfur dioxide

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LONGITUDE: -93.263353359
UTM ZONE:
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UTM EASTING:
ELEVATION-MSL: 387
PROBE HEIGHT: 3.7

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COUNTY: (077) Greene
CITY: (70000) Springfield
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SITE COMMENTS: The Missouri Laboratory Services Program-0588 (The State) took ownership of the s
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AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: OCTOBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.8	.8	.8	.8	1.0	.9	1.0	2.0	1.6	1.3	1.2	1.1	1.0	.9	.8	.8	.8	.8	.8	.9	.9	.9	.9	.9	24	2.0
2	.9	.9	.9	.9	.9	.9	1.0	1.0	1.1	1.0	.9	.9	.9	.9	.9	.9	.9	.8	.8	.9	.8	.8	.8	.8	24	1.1
3	.9	.9	1.0	1.0	1.1	1.0	.9	1.2	1.2	1.1	1.0	.9	1.0	.9	.8	.8	.8	.9	.9	.8	.9	.9	.9	.8	24	1.2
4	.9	.8	.9	.8	.9	.8	.9	.9	.8	.9	.9	.8	.8	.7	.8	.9	.9	.9	.8	.8	.8	.8	.9	.8	24	.9
5	.9	.8	.8	.9	.8	.8	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0	.9	.9	.8	.9	.8	.9	.7	.7	24	1.0
6	.7	.8	.9	.9	.8	.9	.8	.9	1.0	.9	.9	1.0	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.9	24	1.0
7	.8	.8	.8	.9	.8	.8	.9	1.1	1.2	1.0	1.1	1.0	4.3	13.6	11.3	5.7	1.0	1.0	.9	.8	.8	.8	.9	.8	24	13.6
8	.8	.8	.8	.8	.8	.8	.8	.9	1.7	1.0	1.0	.9	1.0	2.6	2.4	2.2	3.0	1.4	.9	.8	.8	.8	.7	.8	24	3.0
9	.8	.8	.8	.8	.8	.7	.8	.8	.8	.8	.8	.7	.7	.8	.8	.8	.8	.7	.8	.7	.6	.7	.8	.7	24	.8
10	.8	.8	.7	.8	.8	.8	.8	.8	.9	1.9	.9	.8	1.1	.7	.8	1.1	2.8	4.0	1.3	.9	.8	.8	.8	.8	24	4.0
11	.9	.8	.8	1.6	.9	.8	.8	1.4	5.3	1.3	1.0	1.0	.9	1.0	1.0	1.1	1.0	.9	1.0	.9	.9	7.0	11.1	4.3	24	11.1
12	1.2	1.0	.9	.9	.9	.9	1.0	1.0	1.1	1.2	.9	.8	.7	.8	1.0	.9	.8	.8	.7	.8	.8	.9	.9	.8	24	1.2
13	.8	.9	.8	.9	.8	.8	.8	.9	1.1	1.1	.9	.9	BF	.9	.9	.9	.9	.8	.8	.8	.8	.8	.9	.9	23	1.1
14	.8	.8	.9	.8	.9	.9	.8	1.1	1.2	1.1	1.0	1.0	.9	1.0	1.3	1.1	1.0	1.0	.9	.9	.8	.9	.9	.9	24	1.3
15	.9	.9	.8	.9	.9	.9	.9	1.0	1.3	1.7	1.8	1.8	1.9	1.7	2.0	1.7	1.1	1.0	.9	.9	.9	.9	.9	.8	24	2.0
16	.9	.9	.9	.9	.9	1.0	.9	1.0	1.0	.9	.9	.9	1.0	1.0	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9	24	1.0
17	.9	.9	.9	1.0	1.0	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	.9	1.0	.9	.9	1.0	24	1.0
18	.9	1.1	1.3	1.2	1.1	1.2	1.1	1.0	1.4	1.4	1.1	1.0	1.0	1.0	1.0	1.0	1.3	1.3	1.4	1.5	1.4	1.4	1.5	1.7	24	1.7
19	1.9	1.9	1.9	1.7	1.8	1.7	1.8	1.7	1.8	1.7	1.3	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.6	2.0	24	2.0
20	2.1	2.1	1.8	1.4	1.2	1.1	1.2	1.2	1.2	1.4	1.5	1.3	1.3	1.2	1.3	1.1	1.2	1.1	1.1	1.1	1.0	1.0	1.1	1.0	24	2.1
21	1.0	1.0	1.0	1.0	.9	1.0	1.0	1.1	1.0	1.0	1.1	1.0	1.0	.9	.9	1.0	.9	.9	.9	.9	.9	.9	.9	.9	24	1.1
22	.9	.9	.9	.9	.8	.9	.8	.9	.9	.9	1.0	1.0	1.1	.9	.9	.9	.9	1.0	.9	.9	.9	.9	.8	.9	24	1.1
23	.8	.9	.8	.9	.8	.9	.8	.8	.8	.9	.9	.9	.8	.8	.8	.8	.8	.8	.7	.8	.7	.8	.7	.7	24	.9
24	.7	.8	.8	.8	.7	.8	.9	.8	.9	.8	.8	.8	.8	.7	.9	.8	.9	.9	.8	.8	.8	.8	.8	.9	24	.9
25	.9	.9	.9	.8	.8	.8	.8	.8	.8	1.3	1.8	1.0	.9	.8	.9	.8	.9	.8	.9	.9	.9	.9	1.0	1.2	24	1.8
26	1.6	1.1	.9	1.0	1.1	1.0	1.0	1.1	1.0	1.2	1.0	.9	.9	.9	.8	.9	.9	.9	.8	1.0	1.0	.9	.8	.8	24	1.6
27	.9	.9	.8	.9	.9	.8	.8	.8	.9	.9	.9	.8	BF	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	23	.9
28	.8	.8	.8	.8	.8	.8	.8	.8	.8	.9	1.0	1.1	1.1	1.0	.9	.9	1.2	.9	.8	.8	.9	.9	.8	.9	24	1.2
29	.8	.8	.8	.9	.9	.9	.9	.9	1.2	.9	.9	.9	.9	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	24	1.2
30	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.1	1.4	1.4	1.3	1.1	1.0	1.0	.9	.9	1.0	.9	24	1.4
31	1.0	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8	.9	.9	.9	.9	.8	.9	24	1.0
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	29	31	31	31	31	31	31	31	31	31	31	31		
MAX:	2.1	2.1	1.9	1.7	1.8	1.7	1.8	2.0	5.3	1.9	1.8	1.8	4.3	13.6	11.3	5.7	3.0	4.0	1.4	1.5	1.4	7.0	11.1	4.3		
AVG:	.96	.95	.93	.96	.92	.92	.93	1.02	1.22	1.10	1.04	.97	1.10	1.39	1.35	1.15	1.07	1.03	.90	.89	.87	1.08	1.23	1.04		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 1.04 MONTHLY MAX: 13.6

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.1226303792
LONGITUDE: -93.263353359
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 387
PROBE HEIGHT: 3.7

SITE ID: 29-077-0026 POC: 1
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: SOUTH CHARLESTON: 5012 S. Charleston, Springfield, MO 65804
SITE COMMENTS: The Missouri Laboratory Services Program-0588 (The State) took ownership of the s
MONITOR COMMENTS: THE STATE TOOK OVER THE MONITORING OPERATIONS FROM THE LOCAL AGENCIES ON 20111001.

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: NOVEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.8	.9	.9	.9	.9	.8	.9	.9	.9	.9	.9	.9	.9	.8	.8	.9	.9	.9	.8	.9	.9	.9	1.0	.9	24	1.0
2	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0	.9	.9	.9	.9	.9	.8	.9	.8	1.0	.9	.9	1.0	24	1.0
3	.9	.9	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.8	.9	.9	.9	.9	.9	24	1.0
4	.9	.9	.8	.8	.9	.9	.9	.8	.9	.9	.9	.9	.9	.9	.9	.9	.8	.8	.8	.9	.8	.8	.9	.9	24	.9
5	.9	.9	.9	.9	.8	.8	.9	.8	.8	.9	.9	.8	.8	.9	.9	.9	.8	.8	.9	.8	.7	.8	.8	.9	24	.9
6	.8	.9	.8	.9	.9	.8	.9	.9	.9	.8	.9	.9	.9	.9	.8	.8	.9	.8	.9	.9	.9	.9	.9	.9	24	.9
7	.9	.8	.9	.9	.9	.9	1.0	1.0	.9	.9	1.0	1.0	1.1	1.1	1.0	1.0	1.0	.9	.9	.9	.9	1.0	.9	.9	24	1.1
8	.9	.9	.9	1.0	1.0	.9	1.0	.9	1.0	1.2	1.7	1.1	1.1	1.0	1.0	1.1	1.0	1.0	1.0	.9	.9	.9	1.0	.9	24	1.7
9	.9	1.0	1.0	.9	1.0	1.1	1.1	1.1	1.2	1.3	1.5	1.5	1.4	1.5	1.4	1.3	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.5
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.1	1.8	1.7	1.4	1.2	1.1	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	24	1.8
11	1.0	1.0	.9	.9	.9	.9	.9	BF	.9	.9	.9	.9	.9	.9	.9	.9	1.0	.9	1.1	1.6	1.0	.9	.9	.9	23	1.6
12	.9	1.0	1.0	.9	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.1
13	.9	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.2	1.2	1.0	1.1	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.0	24	1.2
14	1.0	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.2	1.1	1.4	1.1	1.1	1.1	1.1	1.1	1.2	1.0	1.1	1.0	1.0	.9	1.0	24	1.4
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.3	1.2	1.2	1.2	1.2	1.3	1.5	1.4	1.4	1.4	1.7	1.4	24	1.7
16	1.0	1.0	1.0	.9	1.0	1.0	.9	.9	1.0	.9	.9	1.0	1.0	1.0	1.0	1.0	.9	.9	1.0	.9	1.0	.9	.9	.9	24	1.0
17	.9	.9	.9	1.0	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.8	.9	.9	.9	.8	.8	.8	.9	.9	.8	.9	24	1.0
18	.8	.9	.9	.9	.8	.9	.9	.9	1.0	.9	.9	1.0	.8	.9	.9	1.0	1.1	1.0	1.0	.9	1.0	1.0	.9	1.0	24	1.1
19	1.0	1.1	1.1	1.0	.9	1.0	1.0	.9	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	24	1.1
20	1.0	1.0	.9	.9	1.0	1.0	1.0	1.1	1.1	1.0	1.2	1.2	1.3	1.7	1.8	1.7	1.8	1.9	1.5	1.6	1.5	1.3	1.2	1.2	24	1.9
21	1.2	1.1	1.0	1.0	.9	1.0	1.0	.9	.9	.9	.9	1.0	.9	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	24	1.2
22	1.0	1.1	1.1	1.0	1.1	1.0	1.0	1.0	1.1	1.1	1.5	1.3	1.1	1.2	1.2	1.2	1.4	1.1	1.0	1.1	1.0	1.1	1.1	1.0	24	1.5
23	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.7	1.7	1.7	1.6	1.3	1.3	1.2	1.3	1.2	1.1	1.2	1.1	1.1	1.0	1.1	1.0	24	1.7
24	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.4	1.5	1.4	1.3	2.0	1.5	1.0	1.0	1.1	1.0	1.0	1.1	1.4	1.5	1.3	24	2.0
25	1.3	1.2	1.2	1.1	1.2	1.1	1.2	1.2	BF	BF	BC	BC	BC	.1	.0	.1	.0	.1	.0	.0	.0	.1	.2	.1	19	1.3
26	.1	.1	.0	.0	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	-.1	.0	-.1	.0	24	.1
27	-.1	.0	-.1	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	24	0.0
28	.0	-.1	.0	.0	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	24	0.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
30	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	.1	.3	.3	.1	24	.3
31																									0	
NO.:	30	30	30	30	30	30	30	29	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.3	1.2	1.2	1.1	1.2	1.1	1.2	1.2	1.7	1.7	1.7	1.8	1.7	2.0	1.8	1.7	1.8	1.9	1.5	1.6	1.5	1.4	1.7	1.4		
AVG:	.80	.81	.80	.79	.79	.79	.81	.81	.84	.86	.90	.91	.89	.88	.84	.84	.84	.82	.81	.82	.80	.82	.82	.81		

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: .83 MONTHLY MAX: 2.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Feb. 25, 2016

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.1226303792
LONGITUDE: -93.263353359
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 387
PROBE HEIGHT: 3.7

SITE ID: 29-077-0026 POC: 1
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: SOUTH CHARLESTON: 5012 S. Charleston, Springfield, MO 65804
SITE COMMENTS: The Missouri Laboratory Services Program-0588 (The State) took ownership of the s
MONITOR COMMENTS: THE STATE TOOK OVER THE MONITORING OPERATIONS FROM THE LOCAL AGENCIES ON 20111001.

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: DECEMBER 2015

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

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

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: .17 MONTHLY MAX: 1.5

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.104461
LONGITUDE: -93.253337
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 374
PROBE HEIGHT: 4

SITE ID: 29-077-0037 POC: 3
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: JAMES RIVER-SOUTH: Springfield, MO, 12435 (See coordinates for location)
SITE COMMENTS: PREDICTED MAX CONCENTRATION SITE - SO2 & SO2 5-MINUTE AVG
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1292) Springfield City Utilities, MO

REPORT FOR: JANUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.8	1.3	.8	.7	.8	1.1	1.1	1.5	1.5	1.9	2.1	2.0	2.0	1.8	1.6	1.9	1.6	1.3	1.0	.8	.8	.8	.8	.8	24	2.1
2	.7	.8	.8	.6	.7	.7	.7	.6	.7	.8	.7	.7	.8	.8	.8	.8	.7	.8	.6	.8	.7	.7	.6	.7	24	.8
3	.7	.7	.7	.7	.6	.7	.8	.7	.7	.7	.6	.7	.6	.7	.8	1.0	.8	.8	.7	.7	.8	.7	.7	.6	24	1.0
4	.8	.8	.9	2.2	4.7	9.9	13.5	18.6	16.2	12.1	14.6	18.7	22.1	18.6	12.0	7.0	9.1	1.2	1.3	1.1	1.3	1.5	1.8	1.7	24	22.1
5	2.2	2.1	1.9	1.7	1.8	1.7	1.8	1.7	1.9	1.9	1.5	1.1	1.1	1.0	.9	.9	1.0	.9	1.0	1.0	1.0	1.1	1.3	1.1	24	2.2
6	1.0	1.2	1.5	1.5	1.7	2.6	15.9	2.3	1.8	1.8	1.5	1.9	1.5	1.8	1.9	1.5	1.7	1.5	1.3	1.3	1.1	1.1	1.2	1.1	24	15.9
7	1.2	2.2	1.6	1.8	1.2	1.1	1.0	.8	.8	.8	.9	.8	.7	.7	.7	.7	.8	.7	.8	.8	.7	.7	.7	.7	24	2.2
8	.7	.7	.7	.7	.6	.7	.6	.8	.6	.8	.8	.8	.9	.7	.8	.9	.8	.8	1.2	1.0	.9	1.2	1.4	1.4	24	1.4
9	1.4	5.6	1.1	1.2	1.4	1.6	1.5	1.6	1.4	1.8	1.6	2.6	7.0	4.7	10.7	9.9	3.2	5.7	1.3	1.1	1.2	1.3	1.0	.9	24	10.7
10	.9	.9	.9	.8	.8	.8	.8	.9	.8	1.1	.9	1.0	1.0	1.0	.9	1.0	1.0	1.0	1.1	1.0	1.0	1.0	.9	1.0	24	1.1
11	1.2	1.2	1.3	1.3	1.3	1.2	1.1	1.4	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	.9	.9	.9	.9	.7	.8	.8	.8	24	1.4
12	.7	.8	.8	.8	.7	.8	.8	.7	.7	.7	.7	.8	.8	.7	.8	.9	1.0	.9	.8	.9	.8	.9	.7	.8	24	1.0
13	.7	.7	.7	.8	.8	.8	.8	.8	.7	.9	BF	BF	1.4	1.5	1.6	1.7	1.7	1.4	1.3	1.2	1.1	1.0	.9	.8	22	1.7
14	.8	.7	.7	.6	.7	.6	.6	.8	.8	1.1	1.2	5.0	7.9	11.9	2.0	2.4	3.1	2.8	2.6	2.0	1.7	1.2	.9	.8	24	11.9
15	.9	.9	.9	.9	1.0	.9	.9	.9	.8	1.1	1.2	1.1	1.1	1.1	1.5	.9	.9	.9	.9	.9	.8	.7	.7	.7	24	1.5
16	.8	.8	.8	.8	.7	.7	.7	.9	1.0	1.1	1.2	.9	1.0	1.1	1.0	1.0	1.0	1.0	1.2	1.1	1.0	1.0	.9	.9	24	1.2
17	.9	.8	.8	.9	.8	.8	.8	.9	.9	1.3	1.4	1.5	1.4	1.3	1.3	1.4	1.3	.9	.8	.7	.9	.9	.8	.9	24	1.5
18	.8	.8	.8	.8	.7	.8	.7	.8	.8	.8	.8	.7	.9	1.6	1.1	1.6	1.0	.9	.9	.8	.8	.9	.8	1.1	24	1.6
19	1.2	1.3	1.4	1.4	1.2	1.0	.9	.8	.8	1.1	1.2	1.0	1.0	1.1	1.0	1.0	.9	1.2	1.3	1.2	1.0	.9	.9	.9	24	1.4
20	1.0	1.0	.9	.7	.8	.7	.7	.8	.8	1.1	1.4	1.8	2.1	1.0	.9	.8	.9	.9	.8	.7	.7	.7	.6	.8	24	2.1
21	.6	.7	.7	.6	.6	.7	.7	.9	.8	.8	.9	1.0	.9	1.0	1.0	.8	.8	.8	.9	.9	1.0	1.0	.8	.7	24	1.0
22	.9	.7	.8	.7	.8	.8	.7	.7	.8	.8	.8	1.1	1.4	1.2	1.0	1.0	.9	.9	.9	.9	.8	.7	.6	.7	24	1.4
23	.7	.7	.7	.7	.7	.6	.7	.8	.7	.8	1.2	1.2	1.1	1.1	1.1	.9	.9	.9	.8	.8	.7	.7	.6	.6	24	1.2
24	.7	.7	.7	.7	.8	.6	.7	.7	.7	.9	1.6	2.6	1.7	1.1	1.0	.9	.9	1.0	.9	.9	.9	1.1	1.1	1.1	24	2.6
25	1.1	1.1	1.0	.9	1.0	1.0	1.0	.8	.9	1.0	.9	.7	.8	.7	.7	.8	.7	.7	.7	.7	.7	.6	.7	.6	24	1.1
26	.8	.8	.7	.8	.7	.7	.8	.6	.7	.7	.7	.7	.8	.7	.9	1.1	1.1	1.1	1.2	1.0	.9	.8	.7	.8	24	1.2
27	.8	.9	.9	.9	.7	.7	.7	.7	.7	1.1	BF	BF	1.0	1.1	1.0	1.0	1.1	2.0	2.0	1.5	1.0	.8	.9	.8	22	2.0
28	.8	.8	.9	.9	.7	.8	.7	.8	.8	1.1	1.2	1.1	1.2	1.1	1.2	1.3	2.3	2.4	1.9	1.4	1.2	1.1	1.1	1.2	24	2.4
29	1.2	1.8	1.7	1.2	.9	1.2	1.0	.9	.8	.8	.8	.8	.7	.7	.8	.7	.8	.8	.8	.8	.8	.9	.8	.9	24	1.8
30	.8	.8	.7	.5	.6	.7	.7	.6	.7	.8	.7	1.0	1.3	1.3	1.2	1.1	1.1	1.4	1.4	1.2	.9	.9	.8	.7	24	1.4
31	.8	.7	.7	.8	.8	.7	.6	.7	.8	1.1	1.1	1.4	1.4	1.2	1.5	1.3	1.1	1.0	.9	.9	.9	.8	.7	.6	24	1.5
NO.:	31	31	31	31	31	31	31	31	31	31	29	29	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	2.2	5.6	1.9	2.2	4.7	9.9	15.9	18.6	16.2	12.1	14.6	18.7	22.1	18.6	12.0	9.9	9.1	5.7	2.6	2.0	1.7	1.5	1.8	1.7		
AVG:	.92	1.13	.95	.95	1.01	1.22	1.74	1.50	1.40	1.42	1.57	1.93	2.22	2.11	1.77	1.59	1.45	1.27	1.10	1.00	.93	.92	.88	.88		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 1.33 MONTHLY MAX: 22.1

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.104461
LONGITUDE: -93.253337
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 374
PROBE HEIGHT: 4

SITE ID: 29-077-0037 POC: 3
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: JAMES RIVER-SOUTH: Springfield, MO, 12435 (See coordinates for location)
SITE COMMENTS: PREDICTED MAX CONCENTRATION SITE - SO2 & SO2 5-MINUTE AVG
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1292) Springfield City Utilities, MO

REPORT FOR: FEBRUARY 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.4	.4	.6	.7	.6	.6	.5	.6	.5	.4	.5	.6	.5	.5	.5	.5	.6	.6	.5	.6	.4	.4	.6	.6	24	.7
2	.7	.6	.7	.5	.5	.5	.5	.6	.7	.8	.9	.9	1.0	1.9	1.3	1.2	.6	.7	.8	.7	.6	.6	.7	.7	24	1.9
3	.7	.7	.5	.6	.7	.6	.6	.8	.9	1.1	1.3	1.7	1.6	1.1	1.1	1.0	1.0	1.0	1.1	1.0	.9	.9	.9	1.0	24	1.7
4	.9	1.0	1.0	.9	.8	.9	.8	.9	1.0	1.3	1.6	1.8	1.7	1.9	1.6	1.0	.9	.9	.9	.8	.8	.7	.8	.7	24	1.9
5	.8	.9	.7	.8	.8	.7	.7	.8	.9	1.0	1.0	1.0	.9	1.0	.8	.9	1.0	1.1	1.0	.9	.9	.9	.8	.9	24	1.1
6	.9	.9	1.0	1.0	.9	.9	.9	.9	1.0	1.2	1.5	1.3	1.2	1.2	1.1	1.0	1.0	1.2	1.2	1.3	1.3	1.1	1.1	1.1	24	1.5
7	.9	.9	1.0	.9	.9	.8	.8	.8	1.0	1.4	1.4	1.4	1.2	1.2	1.1	1.0	1.1	1.0	1.1	1.0	1.0	.9	1.0	1.0	24	1.4
8	1.1	1.0	1.0	1.0	.9	.8	.8	.9	1.0	1.4	1.5	1.5	1.4	1.4	1.2	1.1	1.0	1.1	1.3	1.2	1.1	1.0	1.1	1.1	24	1.5
9	1.0	.9	.9	.9	.8	.8	.8	.8	.8	.8	.8	.9	.9	.8	.9	.8	.9	.8	.9	.8	.8	.7	.7	.8	24	1.0
10	.7	.7	.8	.8	.8	.8	.9	.7	.8	.9	BF	BF	1.4	1.2	1.2	1.2	1.1	1.2	1.0	1.0	.9	.8	.9	.9	22	1.4
11	.8	.8	.8	.8	.8	.8	.8	.8	1.0	1.4	1.2	1.1	.9	.9	1.0	.8	.7	.8	.8	.9	.8	.8	.8	.9	24	1.4
12	1.1	.7	.8	.9	.9	.9	.9	.9	.7	.6	.8	.7	.7	.7	.8	.8	.8	.8	.8	.9	.7	.8	.8	.8	24	1.1
13	.9	.8	.8	.9	.9	.9	.9	.9	.9	.8	1.0	.9	.9	1.0	1.2	1.2	1.3	1.6	1.4	1.3	1.2	1.1	1.1	1.1	24	1.6
14	.9	.9	.9	.7	.6	.8	.9	.9	.9	.9	1.6	1.8	1.4	1.7	1.3	1.0	.9	.9	.9	.9	1.1	1.1	1.1	1.0	24	1.8
15	.8	.6	.6	.6	.7	.9	1.6	2.3	1.4	1.3	1.9	1.5	1.2	1.0	1.0	1.0	1.0	1.0	.9	.8	.8	.6	.7	.9	24	2.3
16	.8	.8	.8	.8	.8	.7	.7	.8	.7	.9	.9	1.2	1.4	1.6	1.4	1.3	1.2	1.0	1.1	1.0	.9	1.0	.9	.9	24	1.6
17	.9	.8	1.0	.8	.8	.9	.9	.9	1.0	1.1	1.1	1.0	1.1	2.1	2.1	1.8	2.0	1.7	1.0	1.1	.9	1.0	1.0	1.2	24	2.1
18	1.0	.9	.9	.8	.8	1.4	1.2	1.1	1.1	1.7	1.3	1.3	1.1	1.1	1.1	1.0	.9	.9	1.3	1.0	1.0	1.1	1.0	1.0	24	1.7
19	1.0	1.0	.8	.8	.9	.9	.9	.9	1.1	1.3	1.3	1.5	1.8	1.7	1.7	1.6	1.5	1.4	1.5	1.4	1.4	1.3	1.2	1.1	24	1.8
20	1.1	1.1	1.2	1.3	1.6	2.0	1.7	1.7	1.5	1.2	1.3	1.3	1.3	1.4	1.3	1.2	1.1	1.0	.9	.8	.9	.9	.9	.9	24	2.0
21	.8	.9	.8	.9	.8	.9	.8	.9	.8	.8	.9	1.0	.9	1.1	1.0	1.1	1.1	1.0	1.0	.9	.9	.9	.9	1.0	24	1.1
22	1.0	.9	1.0	.9	1.1	.8	.9	.8	.9	1.0	1.0	1.0	1.0	.9	1.0	1.0	.9	1.0	.9	.9	.9	1.0	1.1	1.3	24	1.3
23	1.5	1.5	1.4	1.2	1.2	1.1	.9	1.0	1.1	1.1	1.2	1.5	1.7	1.5	1.4	1.3	1.2	1.1	.9	.9	.8	.9	.9	.9	24	1.7
24	.9	.9	1.3	1.4	1.2	.9	1.0	1.0	1.1	2.0	2.3	1.9	1.3	1.0	1.2	1.2	1.2	1.0	1.1	1.0	1.0	.9	1.0	.8	24	2.3
25	.8	.7	.7	.7	.7	.6	.8	.8	.8	1.0	1.1	1.4	1.5	1.7	1.3	1.3	1.3	1.4	1.4	1.2	1.1	.9	1.0	1.0	24	1.7
26	1.0	.9	.8	.8	.8	.8	.8	.8	.9	.7	BF	BF	.9	.9	1.0	.9	.9	.9	.9	.9	.9	.8	.8	.9	22	1.0
27	.9	1.0	1.0	.9	.8	.8	.8	.8	.9	1.1	1.1	1.0	.9	1.0	1.0	1.0	1.0	1.1	1.1	1.0	.9	.9	.9	.9	24	1.1
28	1.0	.9	.9	.9	.9	.9	.9	.9	.9	1.1	1.2	1.2	1.3	1.5	1.5	1.3	1.1	1.1	1.0	1.0	.9	1.0	1.0	.9	24	1.5
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	26	26	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:	1.5	1.5	1.4	1.4	1.6	2.0	1.7	2.3	1.5	2.0	2.3	1.9	1.8	2.1	2.1	1.8	2.0	1.7	1.5	1.4	1.4	1.3	1.2	1.3		
AVG:	.90	.86	.88	.86	.86	.87	.88	.93	.94	1.08	1.22	1.25	1.18	1.25	1.18	1.09	1.05	1.05	1.03	.97	.92	.89	.92	.94		

MONTHLY OBSERVATIONS: 668 MONTHLY MEAN: 1.00 MONTHLY MAX: 2.3

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

(42401) Sulfur dioxide

SITE ID: 29-077-0037 POC: 3
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: JAMES RIVER-SOUTH: Springfield, MO, 12435 (See coordinates for location)
SITE COMMENTS: PREDICTED MAX CONCENTRATION SITE - SO2 & SO2 5-MINUTE AVG
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 37.104461
LONGITUDE: -93.253337
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 374
PROBE HEIGHT: 4

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1292) Springfield City Utilities, MO

REPORT FOR: MARCH 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.9	.9	1.0	1.0	1.0	.9	.9	.7	.9	.9	.9	.9	1.3	1.1	1.2	1.2	1.2	1.0	1.0	1.1	.9	1.0	1.0	1.1	24	1.3
2	.9	1.0	.9	.8	.9	.8	.9	1.0	1.2	1.3	1.3	1.2	1.3	1.4	1.3	1.3	1.2	1.3	1.3	1.1	1.2	1.1	1.0	1.0	24	1.4
3	1.1	1.1	1.0	1.0	.9	.9	.9	.8	.9	.9	.9	1.1	1.3	1.3	1.3	1.2	1.2	1.1	1.1	.9	1.0	1.0	1.1	.9	24	1.3
4	1.0	1.0	1.0	.9	.9	.9	.9	.9	1.0	1.0	.9	.9	.8	1.0	.9	.9	.9	1.0	1.0	1.0	1.0	1.1	.9	1.0	24	1.1
5	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.0	1.2	1.2	1.1	1.2	1.1	1.0	1.0	24	1.2
6	.8	.9	.9	1.0	.9	1.0	1.0	1.0	1.0	1.3	1.5	1.4	1.3	1.3	1.2	1.3	1.2	1.4	1.5	1.5	1.2	1.1	1.2	1.1	24	1.5
7	.9	1.0	1.0	1.0	1.0	1.1	1.2	1.3	1.5	1.5	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.4	1.5	1.4	24	1.5
8	1.1	1.0	1.0	1.0	.8	1.0	1.0	1.0	1.1	1.5	2.2	2.6	2.0	1.9	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.2	1.1	1.1	24	2.6
9	1.0	1.0	1.0	.9	.9	.9	.9	1.1	1.2	1.2	1.3	1.4	1.7	1.6	1.6	1.5	1.3	1.1	1.0	.9	.9	.9	.9	.9	24	1.7
10	.9	.9	.9	.9	.7	.8	.8	.9	.9	.9	1.0	BF	BF	BC	BF	.9	.8	.8	.8	.6	.7	.7	.7	.6	20	1.0
11	.7	.6	.5	.6	.6	.6	.7	.6	.9	.8	.9	1.2	1.2	1.1	1.1	1.1	1.0	.9	.9	.9	.7	.5	.6	.5	24	1.2
12	.6	.5	.5	.3	.5	.6	.4	.5	1.0	1.5	2.6	2.2	1.4	1.7	2.0	2.4	2.4	1.8	.9	.7	.7	.7	.7	.7	24	2.6
13	.5	.7	.6	.6	.6	.6	.5	.6	.6	.5	.7	.7	.7	.6	.7	.7	.7	.7	.6	.5	.6	.6	.6	.6	24	.7
14	.5	.5	.7	.6	.6	.5	.5	.5	.5	.6	.6	.7	.7	.5	.7	.7	.7	.6	.7	.7	.7	.6	.6	.6	24	.7
15	.5	.6	.5	.6	.5	.6	.6	.6	.7	.6	.9	1.0	1.0	.9	.9	.8	.7	.9	1.0	.9	.8	.8	.7	.5	24	1.0
16	.6	.6	.6	.6	.6	.6	.7	.8	.6	.9	.9	1.0	.8	1.0	1.0	.8	.8	.8	1.0	.8	.8	.7	.7	.7	24	1.0
17	.7	.6	.6	.6	.6	.7	.6	.6	.6	.8	.9	.9	.8	.7	.8	.7	.5	.7	.7	.7	.5	.6	.7	1.1	24	1.1
18	1.1	1.0	1.2	1.3	1.0	1.0	1.1	1.0	.7	.6	.7	.6	.6	.6	.6	.5	.6	.6	.5	.6	.6	.6	.6	.6	24	1.3
19	.6	.6	.6	.5	.4	.5	.6	.5	.5	.7	.6	.6	.7	.6	.7	.7	.9	1.0	.9	.9	.7	.6	.5	.6	24	1.0
20	.5	.6	.5	.6	.6	.6	.6	.6	.6	.6	.7	.8	.7	.7	1.2	6.3	4.3	2.8	1.4	1.1	1.0	1.0	.8	.8	24	6.3
21	.8	.6	.7	.5	.6	.6	.6	.7	.8	.8	2.4	5.3	4.2	1.0	.9	.9	.9	1.0	1.0	1.1	.9	.8	.8	.8	24	5.3
22	.7	.7	.7	.6	.6	.6	.7	.6	.8	.9	.8	.8	.7	.7	.7	.6	.8	.7	.7	.8	.6	.6	.7	.6	24	.9
23	.6	.6	.6	.6	.6	.7	.7	.7	.7	.8	.9	.8	.8	.9	.9	1.2	1.9	1.7	1.1	.8	.6	.7	.6	.6	24	1.9
24	.6	.7	.6	.5	.7	.6	.7	.7	.6	.8	.9	1.2	1.3	1.3	1.2	1.1	1.1	.9	.8	.8	1.0	.8	.7	.8	24	1.3
25	.6	.6	.6	.5	.6	.6	.6	.7	.7	.9	.7	.7	.6	.7	.5	.6	.6	.4	.5	.6	.5	.6	.5	.5	24	.9
26	.4	.5	.6	.5	.5	.5	.5	.6	.6	BF	BF	.7	.6	.7	.7	.6	.5	.7	.8	.7	.5	.6	.6	.6	22	.8
27	.5	.7	.5	.5	.5	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.8	.7	.8	.9	.6	.6	24	.9
28	.5	.6	.5	.5	.5	.5	.5	.6	.6	.7	.9	.9	1.2	1.0	.9	.9	.9	.7	.7	.5	.5	.6	.5	.5	24	1.2
29	.5	.5	.5	.4	.6	.5	.6	.6	.7	.5	.8	.7	.8	.9	.8	.9	.9	.9	.9	.9	.8	.7	.6	.6	24	.9
30	.6	.6	.6	.6	.5	.6	.6	.8	.8	.8	.7	.7	.8	.7	.7	.6	.7	.6	.6	.6	.6	.5	.6	.6	24	.8
31	.5	.5	.5	.5	.5	.6	.6	.8	.8	.7	.9	.9	.8	.9	.8	.5	.8	1.0	.6	.7	.7	.4	.4	.4	24	1.0
NO.:	31	31	31	31	31	31	31	31	31	30	30	30	30	30	30	31	31	31	31	31	31	31	31	31		
MAX:	1.1	1.1	1.2	1.3	1.0	1.1	1.2	1.3	1.5	1.5	2.6	5.3	4.2	1.9	2.0	6.3	4.3	2.8	1.5	1.5	1.4	1.4	1.5	1.4		
AVG:	.72	.74	.73	.69	.68	.70	.72	.75	.81	.89	1.05	1.16	1.10	.99	1.00	1.15	1.10	1.02	.93	.86	.82	.79	.76	.75		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: .87 MONTHLY MAX: 6.3

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.104461
LONGITUDE: -93.253337
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 374
PROBE HEIGHT: 4

SITE ID: 29-077-0037 POC: 3
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: JAMES RIVER-SOUTH: Springfield, MO, 12435 (See coordinates for location)
SITE COMMENTS: PREDICTED MAX CONCENTRATION SITE - SO2 & SO2 5-MINUTE AVG
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1292) Springfield City Utilities, MO

REPORT FOR: APRIL 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.4	.3	.6	.5	.6	.7	.7	.7	.7	.9	.8	.8	.7	.7	.5	.6	.5	.7	.7	.6	.6	.6	.5	.7	24	.9
2	.6	.5	.6	.6	.5	.5	.6	.7	.7	.7	.7	.6	.8	.7	.6	.7	.6	.7	.6	.7	.6	.6	.6	.5	24	.8
3	.5	.5	.4	.4	.3	.4	.6	.5	.4	.5	.6	.5	.6	.5	.5	.4	.4	.5	.6	.6	.7	.4	.5	.4	24	.7
4	.6	.6	.6	.5	.6	.5	.6	.6	.7	.7	.7	.9	.8	.6	.6	.7	.6	.6	.7	.6	.6	.8	.8	.6	24	.9
5	.7	.7	.6	.6	.6	.7	.7	.7	.7	1.0	1.1	1.0	.4	.4	.5	.5	.3	.2	.4	.4	.5	.5	.5	.6	24	1.1
6	.3	.6	.6	.3	.7	.5	.4	.2	.2	.3	.5	.5	.5	.5	.4	.5	.3	.6	.6	.5	.5	.4	.6	.4	24	.7
7	.4	.3	.5	.5	.4	.5	.3	.4	.6	BF	BF	.9	.9	.8	.7	.7	.9	.8	.9	1.0	.8	.8	.6	.7	22	1.0
8	.8	.7	.7	.6	.6	.6	.9	.7	.8	.9	1.0	1.0	.9	1.0	.9	.9	.9	.9	.9	.9	.8	.7	.8	.8	24	1.0
9	.8	.8	.8	.8	.8	.8	.8	.8	.9	.9	.8	.9	.8	.8	.8	.8	.8	.8	1.2	.7	.6	.6	.6	.6	24	1.2
10	.6	.6	.6	.7	.6	.7	.8	.7	1.0	1.3	1.1	.8	.8	.9	1.1	.9	.9	.9	.9	1.1	1.0	.9	.7	.7	24	1.3
11	.7	.6	.5	.6	.7	.7	.8	.7	.8	.9	1.3	1.0	.8	.8	.8	.7	.7	.8	.8	1.1	.9	1.0	1.0	1.2	24	1.3
12	1.2	1.0	1.0	1.0	1.0	.9	.9	1.0	1.3	1.2	1.1	1.2	1.2	1.0	.9	.9	.8	.9	.7	.9	.9	1.1	1.1	.9	24	1.3
13	.8	.8	.9	.8	.7	.6	.7	.6	.8	.7	.8	.7	.8	.8	.8	.9	.8	1.0	.9	.8	.8	.8	.7	.7	24	1.0
14	.8	.9	.8	.8	.7	.8	.8	AZ	AZ	AZ	AZ	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.0	.9	.9	.8	.8	20	1.3
15	1.0	1.1	1.0	1.1	.8	.8	.7	.8	.9	.9	.8	.7	.8	.8	.9	.8	.6	.6	.6	.5	.6	.6	.6	.6	24	1.1
16	.6	.6	.7	.6	.4	.5	.6	.6	.6	.7	.6	.6	.7	.7	.7	.7	.9	.7	.8	.7	.6	.7	.6	.6	24	.9
17	.7	.7	.7	.6	.6	.6	.6	.7	.7	.8	.7	.7	.8	.8	.8	.9	1.0	.9	.9	.7	.7	.7	.7	.7	24	1.0
18	.8	.7	.6	.6	.5	.6	.5	.7	.6	.5	.6	.7	.9	1.0	.8	.7	.7	.7	.6	.5	.5	.5	.5	.5	24	1.0
19	.4	.5	.5	.5	.5	.6	.5	.5	.5	.5	.7	.8	.8	.8	.8	.7	.7	.6	.6	.6	.5	.5	.5	.5	24	.8
20	.4	.4	.6	.5	.5	.5	.5	.5	.6	.5	.6	.6	.6	.6	.6	.6	.6	.7	1.1	.7	.7	.6	.7	.7	24	1.1
21	.6	.7	.7	.8	.8	.7	.8	.9	1.0	1.0	1.0	.9	.8	.7	.6	.7	.7	.8	.6	.4	.5	.5	.5	.5	24	1.0
22	.6	.7	.5	.4	.4	.4	.5	.6	.4	.4	.5	.5	.5	.6	.5	.6	.6	.6	.5	.5	.4	.5	.6	.5	24	.7
23	.6	.4	.5	.4	.5	.5	.5	.6	BF	BC	BC	BF	BF	.3	.3	.1	.3	.4	.5	.2	.1	.2	.1	.0	19	.6
24	.1	.3	.5	.4	.4	.3	.3	.4	.4	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.5
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.4	.3	.1	.1	.0	.0	.0	.0	24	.4
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.3	24	.3
27	.4	.2	.2	.3	.5	.4	.3	.5	.6	.6	.7	.8	.7	.5	.8	.5	.4	.5	.8	.6	.4	.3	.3	.3	24	.8
28	.4	.3	.3	.2	.2	.2	.2	.4	.5	.7	.8	.8	.5	.3	.3	.3	.4	.5	.3	.4	.4	.4	.2	.2	24	.8
29	.2	.2	.1	.2	.2	.2	.2	.3	.3	.1	.3	.3	.3	.4	.3	.4	.4	.3	.3	.3	.2	.2	.1	.0	24	.4
30	.0	.1	.0	.1	.1	.1	.1	.2	.3	.2	.2	.3	.2	.2	.2	.2	.2	.1	.2	.2	.2	.1	.1	.1	24	.3
31																									0	
NO.:	30	30	30	30	30	30	30	29	28	27	27	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.2	1.1	1.0	1.1	1.0	.9	.9	1.0	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.1	1.0	1.1	1.1	1.2		
AVG:	.53	.53	.54	.51	.51	.51	.53	.55	.61	.63	.67	.69	.66	.62	.60	.59	.59	.61	.64	.58	.54	.53	.51	.50		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .57 MONTHLY MAX: 1.3

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.104461
LONGITUDE: -93.253337
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 374
PROBE HEIGHT: 4

SITE ID: 29-077-0037 POC: 3
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: JAMES RIVER-SOUTH: Springfield, MO, 12435 (See coordinates for location)
SITE COMMENTS: PREDICTED MAX CONCENTRATION SITE - SO2 & SO2 5-MINUTE AVG
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1292) Springfield City Utilities, MO

REPORT FOR: MAY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.1	.1	.1	.1	.0	.1	.1	.2	.4	.4	.5	.5	.4	.4	.4	.3	.3	.2	.4	.6	.4	.3	.1	.1	24	.6
2	.1	.1	.1	.1	.1	.1	.2	.3	.4	.3	.5	.4	.5	.4	.4	.4	.4	.4	.5	.6	.5	.3	.2	.2	24	.6
3	.1	.2	.1	.1	.1	.0	.1	.1	.1	.2	.7	2.6	1.6	1.2	.6	.9	.8	.5	.3	.1	.1	.3	.3	.2	24	2.6
4	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.5	.4	.4	.4	.4	.3	.4	.3	.3	.2	.2	.2	.2	.2	24	.5
5	.2	.0	.1	.2	.0	.1	.2	.1	.1	.3	.2	.3	.2	.2	.3	.2	.1	.3	.2	.2	.4	.3	.1	.1	24	.4
6	.1	.3	.2	.2	.2	.2	.2	.3	.2	BF	BF	.3	.3	.2	.3	.3	.2	.2	.1	.1	.2	.2	.2	.1	22	.3
7	.2	.1	.2	.1	.2	.1	.1	.1	.2	.1	.1	.1	.0	.1	.0	.0	.2	.1	.1	.2	.1	.2	.1	.1	24	.2
8	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.2	.1	.1	.1	.0	.0	.1	.1	24	.2
9	.1	.0	.0	.1	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.1	.0	.1	.1	.1	.0	.1	.0	24	.1
10	.1	.0	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	24	.1
11	.0	.0	.0	.0	.0	.0	.0	.1	.1	.4	.2	.2	.1	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	24	.4
12	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.2	.2	.2	.2	.1	.2	.1	.1	.0	24	.2
13	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.8	1.6	1.5	1.2	.8	.7	.8	.9	.6	.2	.2	.2	.1	.2	24	1.6
14	.2	.2	.1	.1	.0	.0	.0	.1	.0	.1	.1	.2	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	24	.2
15	.1	.1	.1	.0	.1	.1	.0	.1	.1	.1	.0	.1	.1	.0	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	24	.1
16	.1	.0	.1	.1	.1	.1	.0	.1	.0	.1	.0	.1	.0	.0	.1	.1	.0	.0	.1	.1	.1	.1	.0	.0	24	.1
17	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	24	.1
18	.0	.1	.0	.1	.0	.1	.2	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	24	.2
19	.0	.1	.0	.1	.0	.0	.0	.0	.1	BF	.4	.3	.2	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1	.0	23	.4
20	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	24	.2
21	.0	.1	.0	.1	.0	.0	.1	.0	.0	.0	.1	.1	.0	.1	.1	.0	.2	.3	.2	.1	.1	.1	.1	.1	24	.3
22	.1	.1	.1	.0	.0	.1	.1	.0	.1	.1	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.1	.1	.0	24	.3
23	.1	.1	.0	.1	.1	.1	.2	.1	.2	.1	.1	.1	.3	.3	.2	.2	.2	.2	.1	.2	.1	.2	.2	.3	24	.3
24	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.2	.0	.1	.0	.0	.0	.1	.1	.0	24	.2
25	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.1	.0	.1	.1	.1	.0	24	.1
26	.0	.1	.0	.0	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	24	.1
27	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	24	.2
28	.0	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.0	.1	.0	.1	.1	.1	.1	.1	24	.1
29	.1	.1	.0	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
30	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.1	.1	.0	.1	24	.1
31	.1	.1	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0	.1	.0	.1	.0	24	.1
NO.:	31	31	31	31	31	31	31	31	31	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.3	.3	.2	.2	.2	.2	.2	.3	.4	.4	.8	2.6	1.6	1.2	.8	.9	.8	.9	.6	.6	.5	.3	.3	.3		
AVG:	.09	.09	.07	.08	.06	.08	.09	.08	.10	.12	.19	.28	.23	.20	.17	.17	.18	.16	.14	.13	.13	.12	.10	.07		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: .13 MONTHLY MAX: 2.6

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

(42401) Sulfur dioxide

SITE ID: 29-077-0037 POC: 3
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: JAMES RIVER-SOUTH: Springfield, MO, 12435 (See coordinates for location)
SITE COMMENTS: PREDICTED MAX CONCENTRATION SITE - SO2 & SO2 5-MINUTE AVG
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 37.104461
LONGITUDE: -93.253337
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 374
PROBE HEIGHT: 4

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1292) Springfield City Utilities, MO

REPORT FOR: JUNE 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.1	.1	.0	.1	.1	.1	.0	.1	.1	.0	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	24	.2
2	.0	.1	.2	.1	.1	.0	.1	.1	.1	BF	BF	.3	.2	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.1	22	.3
3	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	24	.2
4	.0	.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	24	.1
5	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	.1	.0	.0	.0	.1	24	.1
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
8	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	24	.1
9	.1	.1	.0	.0	.1	.1	.1	.1	.2	.1	.6	1.0	.5	.4	.2	.1	.5	.7	.3	.2	.2	.1	.1	.1	24	1.0
10	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
11	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	24	.1
12	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
15	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
16	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	24	.1
17	.0	.0	.0	.0	.0	.0	.0	.1	.0	BF	BF	.2	.1	.0	.0	.1	.0	.1	.1	.0	.1	.1	.1	.1	22	.2
18	.0	.0	.1	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	24	.1
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	24	.1
20	.0	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0	.1	24	.1
21	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	24	.1
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
23	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.0	.1	.1	24	.1
24	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	24	.1
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	BA	BA	BA	.0	.0	.1	.0	.0	.0	.0	21	.1
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	28	28	30	30	30	29	29	29	30	30	30	30	30	30	30		
MAX:	.1	.1	.2	.1	.1	.1	.1	.1	.2	.1	.6	1.0	.5	.4	.2	.1	.5	.7	.3	.2	.2	.2	.2	.1		
AVG:	.01	.02	.02	.02	.03	.02	.02	.04	.03	.02	.03	.06	.05	.04	.03	.02	.04	.05	.04	.04	.05	.03	.03	.04		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .03 MONTHLY MAX: 1.0

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.104461
LONGITUDE: -93.253337
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 374
PROBE HEIGHT: 4

SITE ID: 29-077-0037 POC: 3
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: JAMES RIVER-SOUTH: Springfield, MO, 12435 (See coordinates for location)
SITE COMMENTS: PREDICTED MAX CONCENTRATION SITE - SO2 & SO2 5-MINUTE AVG
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1292) Springfield City Utilities, MO

REPORT FOR: JULY 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.7
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.1
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	24	.1
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BJ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
23	.0	.0	.0	BJ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BJ	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BJ	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.0	24	.1
NO.:	31	31	31	30	31	31	31	31	31	29	29	30	30	30	30	30	31	31	31	31	31	31	31	31		
MAX:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	.1	.1	.1	0.0	0.0	0.0	.1	.1	0.0	.1	0.0	.1	0.0		
AVG:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

MONTHLY OBSERVATIONS: 734 MONTHLY MEAN: 0.00 MONTHLY MAX: 1.7

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.104461
LONGITUDE: -93.253337
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 374
PROBE HEIGHT: 4

SITE ID: 29-077-0037 POC: 3
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: JAMES RIVER-SOUTH: Springfield, MO, 12435 (See coordinates for location)
SITE COMMENTS: PREDICTED MAX CONCENTRATION SITE - SO2 & SO2 5-MINUTE AVG
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1292) Springfield City Utilities, MO

REPORT FOR: AUGUST 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BJ	.0	.0	.0	.0	BJ	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BJ	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
4	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.2	.1	.1	.1	.1	.0	.0	.1	.0	.1	24	.2
7	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.1	.1	.0	.1	.0	.1	.1	.1	.0	.1	.0	.0	.1	.1	24	.1
8	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.0	.1	.1	.1	.1	.0	24	.1
9	.0	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.2	.1	.0	.1	.1	.1	.2	.2	.1	.1	.1	.0	.0	24	.2
10	.0	.0	.0	.0	BJ	BJ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
13	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	24	.1
14	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	BJ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
18	BJ	.0	.0	.0	.0	BJ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BJ	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	23	.2
20	.1	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	.0	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	.0	BJ	BJ	.0	12	.1
21	BJ	.0	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	.0	BJ	BJ	BJ	BJ	.0	BJ	.0	BJ	BJ	BJ	.0	.0	BJ	6	0.0
22	BJ	.0	.0	BJ	BJ	.0	BJ	.0	BJ	.0	BJ	BJ	BJ	BJ	.0	.0	BJ	.0	BJ	BJ	BJ	BJ	.0	BJ	9	0.0
23	BJ	BJ	BJ	BJ	BJ	.0	.0	BJ	BJ	.0	BJ	.0	BJ	.0	BJ	BJ	BJ	.0	BJ	.0	.0	BJ	BJ	BJ	8	0.0
24	BJ	BJ	.0	BJ	BJ	BJ	.0	.0	BJ	BJ	.0	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	.0	BJ	BJ	BJ	BJ	5	0.0
25	BJ	.0	.0	BJ	BJ	BJ	BJ	.0	.0	BJ	.0	.4	.5	1.2	2.2	2.5	.9	.9	.5	.6	.6	.5	.5	.5	18	2.5
26	.7	.6	.6	.5	.6	.7	.5	.5	.4	.4	.5	.4	.4	.4	.5	.4	.5	.5	.6	.6	.6	.6	.4	.4	24	.7
27	.4	.3	.5	.5	.4	.5	.8	.5	.4	.3	.4	.5	.5	.5	.4	.4	.3	.4	.4	.4	.5	.5	.5	.5	24	.8
28	.6	.5	.4	.4	.4	.4	.5	.4	.5	.5	.4	.4	.7	.4	.4	.3	.4	.4	.4	.5	.4	.4	.4	.4	24	.7
29	.4	.5	.5	.5	.5	.4	.4	.5	.4	.4	.4	.6	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	24	.6
30	.5	.4	.5	.5	.5	.4	.4	.5	.4	.3	.4	.3	.4	.4	.4	.5	.4	.5	.4	.3	.3	.3	.5	.4	24	.5
31	.2	.3	.4	.4	.4	.5	.5	.4	.4	.5	.4	.5	.5	.4	.5	.5	.4	.5	.5	.4	.4	.4	.5	.4	24	.5
NO.:	25	29	29	26	25	26	28	29	27	25	26	27	26	27	27	26	26	29	26	28	28	27	28	27		
MAX:	.7	.6	.6	.5	.6	.7	.8	.5	.5	.5	.5	.6	.7	1.2	2.2	2.5	.9	.9	.6	.6	.6	.6	.5	.5		
AVG:	.12	.10	.10	.11	.12	.12	.12	.11	.10	.10	.11	.13	.15	.15	.19	.21	.15	.15	.14	.13	.12	.13	.12	.12		

MONTHLY OBSERVATIONS: 647 MONTHLY MEAN: .13 MONTHLY MAX: 2.5

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

(42401) Sulfur dioxide

SITE ID: 29-077-0037 POC: 3
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: JAMES RIVER-SOUTH: Springfield, MO, 12435 (See coordinates for location)
SITE COMMENTS: PREDICTED MAX CONCENTRATION SITE - SO2 & SO2 5-MINUTE AVG
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 37.104461
LONGITUDE: -93.253337
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 374
PROBE HEIGHT: 4

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1292) Springfield City Utilities, MO

REPORT FOR: SEPTEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.4	.3	.4	.4	.4	.4	.4	.5	.5	.5	.5	.4	.4	.4	.5	.4	.5	.4	.3	.4	.3	.4	.3	.3	24	.5
2	.4	.4	.4	.4	.3	.4	.5	.5	.4	.4	.5	.4	BF	BF	.8	.5	.4	.4	.4	.5	.3	.7	.6	.6	22	.8
3	.3	.3	.5	.3	.5	.4	.5	.5	.5	.4	.5	.4	.4	.4	.4	.5	.5	.4	.4	.3	.4	.5	.5	.4	24	.5
4	.4	.4	.4	.5	.5	.4	.6	.5	.5	.5	.5	.5	.5	.4	.4	.4	.6	.5	.5	.5	.4	.4	.4	.4	24	.6
5	.4	.4	.4	.4	.4	.5	.4	.5	.5	.4	.5	.6	.5	.4	.4	.4	.5	.5	.5	.6	.5	.5	.7	.5	24	.7
6	.6	.6	.7	.4	.4	.5	.3	.3	.4	.4	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.5	.4	.5	.4	24	.7
7	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.4	.4	.5	.5	.5	.4	.3	.5	.4	.4	.4	24	.5
8	.4	.3	.4	.4	.4	.3	.4	.4	.4	.4	.4	.3	.4	.4	.5	.4	.4	.4	.3	.4	.4	.3	.4	.4	24	.5
9	.5	.4	.4	.5	.4	.4	.4	.4	.5	.4	.3	.3	.4	.4	.4	.3	.3	.3	.3	.3	.4	.4	.3	.4	24	.5
10	.4	.3	.4	.3	.4	.4	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.4	.3	.3	24	.4
11	.3	.4	.3	.4	.3	.3	.3	.4	.4	.3	.4	.3	.3	.3	.3	.4	.4	.7	.7	.6	.6	.3	.4	.3	24	.7
12	.4	.5	.4	.4	.4	.4	.4	.5	.4	.4	.5	.6	.6	.4	.5	.5	.5	.5	.5	.5	.6	.5	.6	.6	24	.6
13	.7	.8	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.5	.5	.5	.6	.5	.6	.5	.4	.5	.6	.5	.5	24	.8
14	.4	.5	.5	.5	.4	.4	.5	.5	.5	.5	.6	.5	.6	.6	.5	.6	.5	.5	.6	.5	.5	.5	.6	.4	24	.6
15	.5	.6	.5	.5	.4	.5	.5	.5	.5	BF	BC	BC	BF	BF	.0	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	10	.6
16	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	
17	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	.0	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.5	.6	.4	16	.6
18	.5	.6	.5	.6	.6	.5	.5	.6	.5	.5	.5	.6	.5	.5	.5	.5	.5	.4	.5	.5	.4	.5	.5	.5	24	.6
19	.5	.4	.6	.6	.4	.6	.4	.5	.5	.6	.6	.7	.7	.7	.6	.5	.6	.6	.6	.6	.5	.6	.5	.5	24	.7
20	.6	.6	.5	.5	.6	.5	.6	.5	.6	.7	.6	.7	.6	.7	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	24	.7
21	.5	.5	.5	.5	.6	.5	.7	.6	.6	.6	.6	.6	.6	.7	.5	.6	.6	.5	.5	.6	.6	.7	.6	.6	24	.7
22	.6	.5	.5	.6	.5	.6	.7	.6	.6	1.1	.9	.9	.6	.6	.8	.6	.6	.7	.6	.6	.6	.6	.5	.6	24	1.1
23	.6	.6	.6	.5	.6	.5	.6	.6	.7	.9	1.1	1.0	.9	.9	.8	.8	.8	.9	.8	.8	.7	.6	.7	.7	24	1.1
24	.6	.7	.7	.6	.6	.6	.6	.5	.7	.9	1.0	1.5	1.5	1.3	1.2	1.0	.9	.8	.8	.7	.7	.6	.7	.7	24	1.5
25	.6	.6	.6	.6	.5	.5	.6	.6	.7	.6	.6	.7	.7	.6	.7	1.0	1.0	1.1	.9	.8	.8	.7	.6	.6	24	1.1
26	.6	.8	.6	.6	.7	.7	.7	.6	.8	.7	.9	1.0	1.0	1.0	1.0	.9	.6	.7	.7	.5	.6	.6	.5	.6	24	1.0
27	.6	.5	.6	.6	.5	.6	.6	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.6	.6	.6	.6	.5	.6	24	.6
28	.5	.5	.5	.5	.6	.6	.6	.5	.6	.6	.6	.6	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.7	.6	24	.7
29	.6	.7	.6	.6	.6	.6	.6	.5	.6	.6	.5	.6	.6	.6	.5	.5	.4	.5	.6	.6	.5	.6	.5	.5	24	.7
30	.5	.5	.6	.5	.5	.6	.6	.5	.5	.6	.6	.6	.6	.6	.7	.5	.7	.6	.6	.6	.6	.7	.6	.6	24	.7
31																									0	
NO.:	28	28	28	28	28	28	28	28	29	28	28	28	27	27	29	28	28	28	28	28	28	28	28	28		
MAX:	.7	.8	.7	.6	.7	.7	.7	.6	.8	1.1	1.1	1.5	1.5	1.3	1.2	1.0	1.0	1.1	.9	.8	.8	.7	.7	.7		
AVG:	.49	.50	.50	.49	.48	.49	.51	.50	.51	.56	.58	.59	.59	.56	.54	.55	.55	.55	.54	.52	.51	.53	.52	.50		

MONTHLY OBSERVATIONS: 672 MONTHLY MEAN: .53 MONTHLY MAX: 1.5

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.104461
LONGITUDE: -93.253337
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 374
PROBE HEIGHT: 4

SITE ID: 29-077-0037 POC: 3
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: JAMES RIVER-SOUTH: Springfield, MO, 12435 (See coordinates for location)
SITE COMMENTS: PREDICTED MAX CONCENTRATION SITE - SO2 & SO2 5-MINUTE AVG
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1292) Springfield City Utilities, MO

REPORT FOR: OCTOBER 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.6	.6	.6	.6	.7	.6	.6	.7	.6	BF	BF	1.1	1.1	.9	.8	.7	.8	.8	.8	.8	.7	.8	.7	.7	22	1.1
2	.7	.6	.7	.7	.8	.6	.7	.7	.7	.8	.8	.8	.7	.9	.8	.8	.8	.8	.8	.7	.8	.6	.7	.7	24	.9
3	.6	.7	.7	.7	.8	.7	.6	.7	.8	1.0	1.0	1.0	1.0	1.0	.9	.8	.8	.8	.8	.8	.8	.7	.8	.8	24	1.0
4	.7	.8	.8	.7	.8	.8	.8	.9	.9	.8	.8	.9	.7	.8	.8	.7	.8	.8	.8	.8	.9	.8	.8	.8	24	.9
5	.6	.8	.8	.8	.8	.8	.8	.9	.8	.7	.9	.8	.9	.9	1.0	.9	.9	.9	.9	.8	.8	.8	.8	.8	24	1.0
6	.8	.8	.7	.8	.8	.8	.7	.8	.8	.8	.9	1.0	1.1	1.9	2.9	1.3	1.0	.9	1.0	.9	.8	.8	.8	.8	24	2.9
7	.8	.8	.8	.7	.8	.8	.9	.8	.9	.9	.8	1.0	.9	.9	.8	1.2	1.1	.9	.8	.9	.8	.8	.8	.8	24	1.2
8	.8	.7	.8	.7	.7	.8	.9	.8	.8	.9	.8	.9	.9	1.7	1.4	1.6	1.5	1.2	.9	.9	.8	.9	.8	.7	24	1.7
9	.7	.7	.7	.7	.8	.7	.7	.8	.7	.7	.7	.7	.7	.8	.7	.7	.7	.7	.8	.9	.7	.7	.8	.8	24	.9
10	.7	.6	.7	.7	.8	.7	.8	.8	.7	.8	.8	.9	.9	1.6	11.1	7.8	3.5	5.5	1.5	.9	.9	.8	.8	.7	24	11.1
11	.8	.7	.8	.8	.8	.8	.8	.7	.7	.8	1.0	.8	.9	1.0	.8	.9	1.0	.9	.8	.9	.8	.9	.9	.7	24	1.0
12	.8	.7	.8	.7	.7	.7	.8	.8	1.0	1.6	1.2	1.0	.9	1.2	18.7	5.7	9.0	7.4	2.2	2.6	6.3	4.1	1.1	1.3	24	18.7
13	3.4	2.9	1.3	1.3	1.0	1.0	.9	.9	1.8	2.5	2.1	3.6	16.5	12.9	10.0	6.4	10.1	2.8	1.3	1.2	1.2	1.2	1.0	1.0	24	16.5
14	.9	.8	.8	.8	.9	.8	.9	1.0	.9	BF	BF	1.1	1.1	.9	1.0	1.0	1.1	1.2	1.0	.9	.9	.9	.8	1.0	22	1.2
15	.8	.8	.8	.8	.9	.9	.9	.9	1.0	1.3	1.7	1.8	1.8	1.9	1.8	1.9	1.4	1.1	1.0	.9	1.0	.8	.8	.9	24	1.9
16	1.0	1.0	.9	.9	.8	.8	.9	.9	1.0	.9	.9	.9	1.0	.9	1.0	1.0	.9	.9	1.0	1.0	.9	.9	.8	.8	24	1.0
17	.8	.9	.8	.8	.8	.8	.8	.9	.9	.8	.9	.9	1.0	.9	.9	1.0	.9	1.1	1.1	1.0	1.0	.9	.9	.9	24	1.1
18	.8	.9	.9	1.2	1.1	1.1	1.0	.9	1.1	1.5	1.2	1.2	1.1	1.1	1.1	1.1	1.3	1.3	1.3	1.2	1.3	1.3	1.2	1.5	24	1.5
19	1.6	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.5	1.6	1.6	1.4	1.3	1.3	1.2	1.0	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.7	24	1.7
20	1.7	1.8	1.7	1.4	1.2	1.1	1.1	1.1	1.3	1.4	1.5	1.4	1.4	1.4	1.5	1.4	1.5	1.4	1.2	1.2	1.2	1.3	1.2	1.1	24	1.8
21	1.0	1.0	.9	.9	.9	1.1	.9	1.1	1.1	1.3	1.3	1.1	1.0	1.1	1.0	.9	1.1	1.2	1.3	1.2	1.1	1.1	1.0	1.1	24	1.3
22	.9	.8	.9	.9	.9	.8	1.0	.9	1.0	1.3	1.4	1.3	1.1	1.2	1.1	1.2	1.3	1.1	1.2	1.1	1.1	1.2	1.2	1.1	24	1.4
23	1.1	1.1	1.1	1.0	1.1	1.2	1.1	.9	.8	.9	1.0	1.0	1.1	1.0	1.1	1.0	1.0	1.0	.9	.9	.9	.9	.9	.8	24	1.2
24	.8	.8	.9	.9	.9	.8	.9	.9	.9	.9	.8	.8	.9	.8	.9	.9	.9	.9	.9	.8	.9	.9	.9	.9	24	.9
25	.9	.9	.9	.8	.9	.9	.9	.9	.9	.9	1.0	1.2	1.0	1.0	1.0	1.1	1.1	1.0	.9	.8	.9	.9	.9	.9	24	1.2
26	.9	.9	.9	.9	.9	.8	.8	.9	.9	1.0	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.8	24	1.1
27	.8	.8	.9	.9	.8	.9	.9	.8	.9	.8	.8	.9	BF	BF	1.2	1.0	.9	.9	.9	.9	.9	.9	.8	.9	22	1.2
28	.8	.8	1.0	.8	.9	.9	.9	.8	.9	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	.9	.9	.9	.8	.9	.9	24	1.1
29	.9	.9	.8	.9	.9	.9	.8	1.0	1.0	1.1	.9	.9	1.0	1.2	1.3	1.0	.9	.9	1.0	1.0	1.1	1.0	.9	1.0	24	1.3
30	.9	.9	.9	.9	.9	1.0	1.0	.9	1.0	.9	1.0	1.0	1.1	1.2	1.2	1.3	1.2	1.0	.9	1.0	.8	.9	.9	1.0	24	1.3
31	.9	.9	.9	.9	1.0	.9	.9	.9	.9	1.0	.9	1.0	.8	.9	.9	1.0	1.0	.8	.9	.9	.9	1.0	1.0	.9	24	1.0
NO.:	31	31	31	31	31	31	31	31	31	29	29	31	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	3.4	2.9	1.7	1.4	1.2	1.2	1.2	1.3	1.8	2.5	2.1	3.6	16.5	12.9	18.7	7.8	10.1	7.4	2.2	2.6	6.3	4.1	1.2	1.7		
AVG:	.95	.93	.89	.87	.88	.86	.87	.88	.94	1.06	1.06	1.11	1.53	1.51	2.29	1.59	1.67	1.40	1.03	1.00	1.10	1.02	.90	.93		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 1.14 MONTHLY MAX: 18.7

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

(42401) Sulfur dioxide

SITE ID: 29-077-0037 POC: 3
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: JAMES RIVER-SOUTH: Springfield, MO, 12435 (See coordinates for location)
SITE COMMENTS: PREDICTED MAX CONCENTRATION SITE - SO2 & SO2 5-MINUTE AVG
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 37.104461
LONGITUDE: -93.253337
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 374
PROBE HEIGHT: 4

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1292) Springfield City Utilities, MO

REPORT FOR: NOVEMBER 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.9	.9	.9	.9	.9	1.0	.9	.9	1.0	.9	.9	1.0	1.1	1.1	1.2	1.2	1.4	1.2	1.2	1.1	1.0	1.0	1.0	.9	24	1.4
2	.9	1.0	1.0	1.0	.9	1.0	1.0	1.0	1.1	1.1	.9	.9	.9	1.1	1.0	1.1	1.0	1.1	1.1	1.0	.9	.9	1.0	.9	24	1.1
3	.9	.9	.9	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	.9	.9	24	1.1
4	.9	.9	1.0	.9	.9	.9	.9	1.0	1.0	1.0	1.0	.9	1.0	1.1	1.0	1.1	1.0	1.0	1.0	1.0	.9	.9	1.0	.9	24	1.1
5	.9	.9	.9	.9	.9	.9	.9	1.0	.9	.9	.8	.9	.9	1.0	.9	1.0	.9	.9	.8	.9	.9	.9	.9	1.0	24	1.0
6	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	.9	1.1	1.0	1.3	1.6	1.1	1.1	1.1	1.1	1.0	24	1.6
7	.9	1.1	1.0	1.0	1.0	1.1	1.0	.9	1.1	1.1	1.0	1.1	1.1	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.0	1.0	1.0	1.0	24	1.2
8	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.7	1.4	1.2	1.1	1.4	1.5	1.5	1.5	1.5	1.4	1.2	1.3	1.3	1.2	24	1.7
9	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.1	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.5	1.4	1.2	.9	1.0	1.0	1.0	24	1.5
10	1.1	1.1	1.0	1.1	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.3	1.7	1.5	1.3	1.4	1.6	1.3	1.1	1.0	1.0	1.0	1.0	.9	24	1.7
11	.9	.9	.9	1.0	1.1	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.5	1.2	1.0	.9	.9	24	1.5
12	.8	.9	.9	.9	.9	.9	.9	.8	1.0	1.3	1.1	1.2	1.2	BF	BC	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	22	1.3
13	1.1	1.0	.9	.9	1.0	1.0	.9	1.1	1.2	1.1	1.2	1.1	1.0	1.2	1.2	1.2	1.3	1.7	1.7	1.3	1.2	1.1	1.0	1.1	24	1.7
14	1.1	1.1	1.1	1.1	1.1	1.3	1.1	1.1	1.1	1.2	1.2	1.5	1.3	1.2	1.2	1.2	1.4	1.3	1.2	1.2	1.2	1.1	1.2	1.2	24	1.5
15	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.0	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.6	24	1.6
16	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0	1.0	1.0	.9	1.0	.9	.9	1.0	1.0	1.0	1.0	.9	.8	24	1.1
17	1.0	1.0	.9	.9	.9	.9	1.0	1.0	1.0	.9	1.0	1.0	.9	1.0	.9	.9	.8	.9	.9	.8	1.0	.9	1.0	.9	24	1.0
18	.9	.9	.8	.9	.9	1.0	1.0	1.0	1.0	1.0	.9	1.0	1.0	.9	1.0	1.1	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	24	1.2
19	1.0	1.0	1.0	.9	1.0	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.3	1.2	1.2	1.1	1.1	1.0	24	1.3
20	1.0	1.1	1.1	1.0	1.0	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.5	1.7	1.7	1.6	1.7	1.7	1.5	1.5	1.1	1.1	1.1	24	1.7
21	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0	1.0	.9	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	24	1.1
22	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	24	1.3
23	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.4	1.7	BF	BF	1.3	1.4	1.5	1.4	1.6	1.6	1.5	1.3	1.3	1.1	1.1	22	1.7
24	1.0	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.3	1.4	1.4	1.4	1.8	2.0	1.4	1.3	1.3	1.2	1.1	1.1	1.2	1.4	1.3	24	2.0
25	1.3	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.3	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	24	1.3
26	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.2	24	1.2
27	1.2	1.1	1.1	1.1	1.1	1.0	.9	1.0	1.1	1.1	1.1	1.0	1.1	1.1	1.0	1.1	1.1	1.0	1.0	1.1	1.0	1.0	1.1	1.0	24	1.2
28	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	24	1.1
29	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.0	.9	1.0	.9	1.0	.9	24	1.1
30	1.0	1.0	1.1	1.0	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	24	1.2
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	29	29	29	29	30	30	30	30	30	30	30	30	30		
MAX:	1.3	1.2	1.2	1.1	1.2	1.3	1.2	1.2	1.2	1.4	1.7	1.5	1.7	1.8	2.0	1.7	1.6	1.7	1.7	1.5	1.5	1.4	1.5	1.6		
AVG:	1.00	1.01	1.00	.99	1.00	1.03	1.01	1.02	1.05	1.08	1.10	1.12	1.11	1.17	1.17	1.19	1.18	1.21	1.19	1.14	1.08	1.06	1.07	1.04		

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 1.08 MONTHLY MAX: 2.0

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

(42401) Sulfur dioxide

SITE ID: 29-077-0037 POC: 3
COUNTY: (077) Greene
CITY: (70000) Springfield
SITE ADDRESS: JAMES RIVER-SOUTH: Springfield, MO, 12435 (See coordinates for location)
SITE COMMENTS: PREDICTED MAX CONCENTRATION SITE - SO2 & SO2 5-MINUTE AVG
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (139) SOUTHWEST MISSOURI
URBANIZED AREA: (7920) SPRINGFIELD, MO
LAND USE: RESIDENTIAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 37.104461
LONGITUDE: -93.253337
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 374
PROBE HEIGHT: 4

SUPPORT AGENCY: (0986) Springfield-Greene County Air Pollution Control Authority
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1292) Springfield City Utilities, MO

REPORT FOR: DECEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.0	1.2	1.2	1.3	1.2	1.3	1.3	1.4	1.4	1.2	1.1	1.1	1.1	1.1	24	1.4
2	1.1	1.1	1.0	1.0	1.1	1.0	1.1	1.1	1.0	1.1	BF	BC	BC	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.2	21	1.2
3	1.1	1.2	1.1	1.2	1.1	1.2	1.3	1.4	1.5	1.4	1.3	1.2	1.4	1.4	1.3	1.3	1.4	1.4	1.3	1.2	1.3	1.1	1.1	1.2	24	1.5
4	1.2	1.2	1.1	1.3	1.3	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.6	1.5	1.4	1.4	1.6	1.7	1.6	1.3	1.3	1.4	1.3	1.4	24	1.7
5	1.3	1.3	1.3	1.2	1.3	1.3	1.2	1.2	1.3	1.5	1.7	1.7	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.5	1.6	1.5	1.3	1.4	24	1.9
6	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.6	1.8	2.0	2.0	1.9	1.7	1.7	1.3	1.2	1.1	1.1	1.2	1.2	1.1	24	2.0
7	1.1	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.6	1.5	1.3	1.3	1.2	1.4	1.3	1.6	1.6	1.6	1.5	1.4	1.4	1.4	1.4	1.4	24	1.6
8	1.5	1.4	1.4	1.5	1.4	1.4	1.3	1.3	1.4	1.6	1.8	1.8	1.9	1.9	2.0	2.1	2.1	2.0	1.8	1.7	1.6	1.6	1.6	1.5	24	2.1
9	1.3	1.2	1.2	1.3	1.2	1.2	1.1	1.1	1.2	1.3	1.5	1.5	1.4	1.3	1.3	1.2	1.2	1.6	1.5	1.4	1.2	1.2	1.2	1.1	24	1.6
10	1.1	1.1	1.1	1.0	1.1	1.1	1.0	1.1	1.1	1.3	1.3	1.4	1.7	1.9	1.9	2.0	2.0	1.7	1.4	1.2	1.1	1.2	1.2	1.2	24	2.0
11	1.2	1.1	1.1	1.1	1.0	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.3	1.4	1.3	1.4	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.0	24	1.4
12	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.0	1.1	1.2	1.1	1.2	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	24	1.2
13	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.1	1.0	.9	1.1	1.0	1.0	1.0	1.0	1.1	1.0	.9	1.0	.9	.9	.9	.9	1.0	24	1.1
14	1.0	1.0	1.0	.8	1.0	1.0	.9	1.0	1.0	1.1	.9	1.0	.9	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	24	1.1
15	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.0	BF	BF	1.1	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.0	22	1.3
16	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0	1.0	1.2	1.0	1.1	1.0	1.0	1.1	1.0	1.1	1.0	24	1.2
17	1.0	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.3	1.2	1.1	1.0	1.0	1.1	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	24	1.3
18	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.1	1.2	1.1	1.2	1.1	1.2	1.4	1.2	1.3	1.3	1.2	1.2	24	1.4
19	1.2	1.2	1.1	1.1	1.2	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.2	1.4	1.4	1.3	1.4	24	1.4
20	1.4	1.3	1.4	1.4	1.4	1.3	1.2	1.3	1.3	1.2	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.1	24	1.4
21	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.1	1.0	1.1	1.0	1.0	1.0	1.0	24	1.3
22	1.0	1.0	1.1	1.1	1.0	1.0	1.1	1.0	1.1	1.1	BF	BF	1.2	1.3	1.2	1.3	1.3	1.2	1.1	1.1	1.3	1.2	1.3	1.2	22	1.3
23	1.3	1.2	1.2	1.3	1.2	1.2	1.2	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.3	1.4	1.4	1.4	1.2	1.1	1.1	1.1	1.1	1.0	24	1.4
24	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.0	1.2	1.1	1.1	1.1	1.2	1.3	1.3	1.4	1.2	1.2	1.3	1.2	1.3	1.2	1.2	24	1.4
25	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.2	1.1	1.2	1.3	1.4	1.4	1.3	1.2	1.3	1.3	1.2	1.3	24	1.4
26	1.2	1.2	1.2	1.1	1.2	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.0	1.1	1.1	1.1	24	1.2
27	1.0	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.2	1.1	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.2	1.2	1.1	1.2	1.1	1.2	1.1	24	1.2
28	1.0	1.0	1.0	1.1	1.0	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.4	1.3	1.2	1.1	1.1	1.1	24	1.4
29	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.0	1.1	1.1	1.2	1.1	1.1	1.2	1.1	1.1	1.2	1.0	1.2	1.1	1.1	24	1.2
30	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.1	1.2	1.1	1.1	1.2	1.1	1.2	1.1	1.1	1.1	1.1	1.1	24	1.2
31	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.3	1.1	1.1	1.2	1.1	24	1.3
NO.:	31	31	31	31	31	31	31	31	31	31	28	28	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.5	1.6	1.6	1.8	1.8	2.0	2.0	2.0	2.1	2.1	2.0	1.8	1.7	1.6	1.6	1.6	1.5		
AVG:	1.15	1.14	1.14	1.14	1.14	1.14	1.13	1.15	1.18	1.20	1.24	1.25	1.27	1.31	1.28	1.32	1.33	1.30	1.26	1.20	1.18	1.18	1.17	1.15		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 1.21 MONTHLY MAX: 2.1

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.65214
LONGITUDE: -91.11689
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 434
PROBE HEIGHT: 5.49

SITE ID: 29-093-0034 POC: 1
COUNTY: (093) Iron
CITY: (00000) Not in a city
SITE ADDRESS: BUICK NE: 347 Power Lane
SITE COMMENTS: Was relocated from Bixby West. Doe Run Company purchased the Bixby West property f
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (138) SOUTHEAST MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: FOREST
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JANUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.1	1.2	1.3	1.4	1.3	1.4	1.5	1.4	1.5	4.3	2.2	2.4	1.3	1.7	7.1	24	7.1
2	1.1	1.4	2.3	1.5	1.5	.9	.8	1.0	.8	1.0	1.2	1.1	1.1	1.0	1.0	.9	.8	.8	.8	.8	1.1	1.0	1.0	.9	24	2.3
3	.9	.9	.9	.9	.9	.8	.8	.8	.8	.7	1.1	.7	.9	.9	1.0	.8	.8	.9	.8	1.5	1.4	4.8	.9	.8	24	4.8
4	.9	.9	.9	.8	1.1	1.0	.8	.8	.8	.8	.7	.8	.8	.8	.8	.8	.9	.9	.8	.8	.9	.9	.9	1.0	24	1.1
5	1.0	.9	.9	.9	.9	.9	.9	.9	.9	1.0	1.5	14.6	39.2	1.9	1.1	1.5	1.8	1.2	1.1	1.1	1.2	1.2	1.5	1.4	24	39.2
6	16.1	1.2	1.2	1.3	1.4	1.2	1.3	1.3	1.5	1.5	1.3	1.2	1.1	1.2	1.3	1.6	1.7	1.5	1.3	1.4	1.4	1.3	1.4	1.2	24	16.1
7	1.1	1.2	1.3	1.3	1.4	1.1	1.0	1.1	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.2	1.1	1.4	24	1.4
8	1.5	1.5	1.4	1.3	6.6	3.7	12.7	1.3	1.2	1.2	1.2	1.2	1.2	2.9	1.5	1.3	2.4	15.5	4.0	1.3	1.3	1.3	1.4	1.4	24	15.5
9	1.3	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	24	1.3
10	1.2	1.2	1.2	3.6	2.1	1.4	1.4	1.5	1.4	1.9	1.9	1.9	1.7	1.5	1.3	1.4	1.5	1.4	1.6	1.4	1.5	1.6	1.7	1.8	24	3.6
11	1.8	2.0	2.6	2.5	2.7	2.0	2.0	1.6	1.4	1.3	1.3	1.1	1.2	1.1	1.1	1.2	1.1	1.0	1.1	1.2	1.0	1.1	1.1	1.0	24	2.7
12	1.0	1.1	1.0	.9	1.0	.9	1.3	2.7	5.4	3.1	2.4	2.1	1.2	1.1	1.3	2.7	3.6	3.0	2.1	1.9	2.9	1.3	1.2	1.3	24	5.4
13	1.5	1.6	1.6	1.7	2.6	3.2	2.9	2.7	2.7	2.6	3.1	3.0	3.0	2.6	2.7	2.8	3.2	3.4	3.4	3.3	2.4	2.3	2.0	1.8	24	3.4
14	1.8	1.9	1.9	1.7	1.6	1.9	1.8	1.5	2.3	2.7	BF	2.3	2.1	2.1	1.9	1.8	1.7	1.6	1.6	1.6	1.6	1.9	1.8	1.9	23	2.7
15	2.1	2.0	1.5	1.6	1.4	1.3	1.3	1.2	1.3	1.4	1.4	1.3	1.2	1.3	1.2	1.2	1.2	1.5	1.6	1.5	1.3	1.2	1.2	1.1	24	2.1
16	1.1	1.2	1.2	1.1	1.2	1.3	1.2	1.3	1.4	2.0	2.1	3.6	6.3	3.8	3.5	4.1	1.6	1.4	1.3	1.5	1.4	1.4	1.4	1.4	24	6.3
17	1.4	1.3	1.4	1.4	1.2	1.2	1.2	1.2	1.3	1.4	1.7	4.2	3.2	4.0	3.8	1.5	1.4	1.4	1.3	1.4	1.4	1.3	1.2	1.2	24	4.2
18	1.0	1.0	1.1	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.0	1.7	2.2	1.7	3.4	1.1	1.1	1.2	1.6	3.5	24	3.5
19	1.7	2.3	5.4	1.3	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.2	1.3	3.0	1.2	2.1	3.2	2.5	1.4	1.2	1.2	24	5.4
20	1.3	1.2	1.1	1.1	1.8	2.2	2.3	2.5	2.5	2.4	2.0	1.6	1.4	1.2	1.1	1.3	1.5	1.0	1.1	1.1	1.1	1.1	1.3	1.3	24	2.5
21	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.2	1.1	1.4	1.7	1.1	1.1	1.0	1.1	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.1	1.1	24	1.7
22	1.0	1.1	1.1	1.1	1.0	1.4	2.4	1.6	1.6	1.3	1.1	1.2	1.1	1.2	1.4	1.4	1.2	1.2	1.2	1.1	1.6	2.2	1.7	1.8	24	2.4
23	1.8	1.6	1.3	2.4	2.7	2.3	1.7	1.6	1.8	2.0	2.0	2.1	2.1	2.0	2.4	1.7	1.2	1.3	1.4	1.4	1.3	1.4	1.4	1.5	24	2.7
24	1.3	1.2	1.2	1.1	1.1	1.1	1.2	1.3	1.3	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.3	1.2	1.2	1.1	1.0	1.1	1.2	24	1.4
25	1.3	1.5	1.6	6.0	1.4	6.6	1.3	1.2	1.1	1.0	.9	.9	.9	.9	.9	1.0	1.0	.9	.9	.9	1.0	1.0	.9	.9	24	6.6
26	.9	.9	.9	.9	1.0	.8	1.0	.9	.9	.9	.9	1.0	6.1	6.0	13.4	4.1	1.0	1.0	1.0	1.0	1.1	1.2	1.2	1.1	24	13.4
27	1.2	1.2	1.1	1.1	1.1	.9	1.0	1.1	1.0	.9	1.0	BF	1.5	1.8	1.3	1.0	1.0	1.0	.9	2.4	2.8	2.4	2.3	1.7	23	2.8
28	1.3	1.1	1.1	1.2	1.4	1.2	1.2	1.9	1.7	1.7	1.6	1.7	1.3	1.3	1.4	1.7	1.5	1.5	1.5	1.5	1.5	1.8	1.9	1.8	24	1.9
29	1.5	6.9	13.0	2.7	1.7	1.4	1.1	.9	.9	.9	.9	.9	.9	.8	.9	.9	.9	1.0	.9	.9	.9	1.0	.9	.9	24	13.0
30	.9	.9	1.1	1.1	1.1	1.1	1.0	.9	4.0	6.3	1.9	1.1	1.0	1.1	1.2	1.1	1.3	1.3	1.7	1.4	1.3	1.8	1.7	1.5	24	6.3
31	1.3	1.2	1.1	1.1	1.2	1.2	1.2	1.5	2.1	2.9	2.1	1.9	1.7	1.6	1.6	1.5	1.4	1.3	1.3	1.4	1.5	2.3	3.1	2.5	24	3.1
NO.:	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	16.1	6.9	13.0	6.0	6.6	6.6	12.7	2.7	5.4	6.3	3.1	14.6	39.2	6.0	13.4	4.1	3.6	15.5	4.3	3.3	2.9	4.8	3.1	7.1		
AVG:	1.76	1.48	1.81	1.56	1.57	1.57	1.69	1.36	1.59	1.66	1.48	1.99	2.92	1.68	1.85	1.56	1.51	1.81	1.58	1.44	1.46	1.52	1.43	1.61		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 1.66 MONTHLY MAX: 39.2

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.65214
LONGITUDE: -91.11689
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 434
PROBE HEIGHT: 5.49

SITE ID: 29-093-0034 POC: 1
COUNTY: (093) Iron
CITY: (00000) Not in a city
SITE ADDRESS: BUICK NE: 347 Power Lane
SITE COMMENTS: Was relocated from Bixby West. Doe Run Company purchased the Bixby West property f
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (138) SOUTHEAST MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: FOREST
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: FEBRUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	2.2	2.0	1.7	1.4	3.0	7.6	1.1	1.0	1.0	1.5	5.5	1.1	1.0	1.0	1.0	.9	1.0	.9	.9	.8	.9	1.0	1.0	1.0	24	7.6
2	1.0	1.0	1.0	1.1	1.0	1.0	1.2	1.1	1.2	1.0	1.0	.9	1.0	1.0	.9	.9	1.0	1.1	1.0	.9	1.0	1.0	1.0	1.0	24	1.2
3	16.7	19.2	8.7	11.9	5.1	1.7	1.4	4.4	13.7	7.3	36.4	7.8	1.6	11.0	6.2	2.3	1.1	1.1	1.0	1.4	1.8	1.5	1.4	1.4	24	36.4
4	1.5	4.4	4.3	1.8	2.3	9.9	4.6	5.0	1.6	1.4	1.7	1.9	2.0	1.9	1.7	1.4	1.3	1.0	1.0	1.0	1.1	1.2	1.2	1.1	24	9.9
5	1.3	1.3	1.2	1.2	1.4	1.7	1.7	1.5	1.5	1.4	1.4	1.4	1.2	3.2	2.8	2.2	1.4	1.6	1.7	1.8	1.7	1.5	1.4	1.4	24	3.2
6	1.4	1.4	1.3	1.3	1.3	1.4	1.6	1.5	20.0	23.4	18.3	9.0	2.4	1.3	1.3	1.1	1.2	1.1	1.2	1.2	1.3	1.3	1.3	1.2	24	23.4
7	1.3	1.8	1.4	1.2	1.2	1.2	1.2	1.3	1.4	1.5	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.3	10.8	31.9	24	31.9
8	11.2	24.3	30.3	5.7	2.2	1.3	1.2	1.2	3.4	29.6	5.9	1.6	2.7	1.6	1.2	1.2	1.1	1.3	1.3	1.2	1.3	1.2	1.3	1.3	24	30.3
9	1.2	1.2	1.1	1.0	1.0	.9	1.0	.9	.9	.9	.9	.8	.9	.9	1.0	1.0	.9	1.1	1.1	1.0	1.0	1.2	2.6	1.1	24	2.6
10	1.0	1.0	1.1	1.2	1.4	1.5	1.8	2.3	2.7	2.1	1.6	1.4	1.3	1.4	1.5	BF	1.4	1.2	1.2	1.2	1.3	1.2	1.3	1.2	23	2.7
11	1.1	1.5	1.4	3.3	1.5	1.4	1.4	1.4	1.4	1.9	1.3	1.2	1.2	1.1	1.0	.9	1.0	1.0	1.1	1.2	1.2	1.2	1.2	1.0	24	3.3
12	1.0	1.0	.9	1.0	.9	1.0	.9	1.0	1.0	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.0	1.1	24	1.2
13	1.1	1.2	1.2	1.1	1.2	1.5	1.7	1.7	2.0	2.0	1.8	1.6	2.6	1.5	6.2	6.8	15.8	2.4	1.8	2.1	19.2	4.6	2.2	2.0	24	19.2
14	2.0	1.6	1.5	1.6	1.5	1.5	1.8	1.8	1.7	1.5	1.7	1.7	1.1	1.0	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.2	5.6	2.2	24	5.6
15	1.1	1.3	2.6	2.8	3.0	5.7	2.8	1.6	1.8	2.5	2.5	1.5	1.2	1.3	1.2	1.3	1.4	1.5	1.6	1.6	1.8	1.9	1.8	2.1	24	5.7
16	2.4	2.4	2.2	2.6	3.4	2.9	2.4	2.1	2.0	2.3	3.0	4.1	3.2	3.3	3.9	4.7	3.8	2.3	2.2	2.1	1.9	1.8	1.8	1.7	24	4.7
17	1.7	2.1	2.0	2.1	2.1	2.1	2.0	2.1	2.2	2.5	2.4	5.1	2.1	1.5	16.4	12.9	1.5	1.5	1.6	1.4	1.4	1.3	1.5	1.3	24	16.4
18	1.4	1.3	1.2	1.3	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.5	1.5	1.5	24	1.6
19	1.5	1.6	1.5	1.7	1.9	1.8	1.8	2.0	2.3	1.9	2.1	1.8	1.7	1.8	1.8	2.4	2.3	4.9	2.7	2.7	1.9	1.6	1.7	1.7	24	4.9
20	1.7	1.6	1.5	1.6	1.5	1.7	2.6	2.5	2.0	1.9	1.8	1.7	1.5	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.4	1.5	1.4	1.6	24	2.6
21	1.3	1.2	1.2	1.2	1.2	1.8	1.5	1.2	1.2	1.6	2.2	2.7	3.0	1.5	1.0	1.1	1.1	1.2	1.2	1.2	1.3	1.2	1.4	1.7	24	3.0
22	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.1	1.1	1.2	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.6	1.6	1.5	2.3	2.0	24	2.3
23	2.0	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.9	2.8	4.2	5.1	4.2	3.4	2.3	1.6	1.5	1.5	1.7	1.7	1.8	1.8	2.1	2.7	24	5.1
24	2.9	3.7	5.3	8.2	15.2	1.6	1.4	1.4	1.5	1.5	1.4	1.4	1.3	1.4	1.2	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	24	15.2
25	1.4	1.3	1.2	1.2	1.3	1.3	1.5	3.1	1.5	1.4	1.4	BF	BF	2.9	1.5	2.1	2.0	1.3	1.2	1.2	1.4	2.3	2.6	3.5	22	3.5
26	3.5	3.3	2.7	2.7	1.8	1.6	1.3	1.3	1.5	1.5	1.5	1.6	1.7	1.6	1.5	1.4	1.4	1.2	1.2	1.2	1.5	1.5	1.4	1.3	24	3.5
27	1.4	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.2	1.4	2.6	3.6	2.2	1.6	1.5	1.7	2.4	2.5	2.1	24	3.6
28	2.3	2.1	1.9	1.9	1.5	1.6	1.9	2.2	2.7	2.8	2.8	2.6	2.5	2.3	2.3	2.3	2.0	1.8	1.8	1.8	1.8	1.6	1.6	2.7	24	2.8
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	28	27	27	28	28	27	28	28	28	28	28	28	28	28		
MAX:	16.7	24.3	30.3	11.9	15.2	9.9	4.6	5.0	20.0	29.6	36.4	9.0	4.2	11.0	16.4	12.9	15.8	4.9	2.7	2.7	19.2	4.6	10.8	31.9		
AVG:	2.50	3.16	3.01	2.35	2.26	2.18	1.68	1.82	2.79	3.69	3.90	2.38	1.77	1.98	2.38	2.21	2.01	1.48	1.38	1.40	2.06	1.56	2.08	2.72		

MONTHLY OBSERVATIONS: 669 MONTHLY MEAN: 2.28 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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.65214
LONGITUDE: -91.11689
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 434
PROBE HEIGHT: 5.49

SITE ID: 29-093-0034 POC: 1
COUNTY: (093) Iron
CITY: (00000) Not in a city
SITE ADDRESS: BUICK NE: 347 Power Lane
SITE COMMENTS: Was relocated from Bixby West. Doe Run Company purchased the Bixby West property f
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (138) SOUTHEAST MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: FOREST
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: MARCH 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	3.3	2.5	2.0	1.8	1.8	2.0	1.5	1.3	1.4	1.3	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.3	1.6	24	3.3
2	1.6	1.6	1.6	1.5	1.6	1.5	1.7	1.6	3.5	2.2	2.5	2.3	1.9	2.1	1.7	1.7	1.5	1.5	1.7	1.7	1.7	1.6	2.0	2.5	24	3.5
3	2.8	3.2	2.9	2.4	2.0	1.6	1.6	1.6	1.5	1.3	1.1	1.3	15.5	9.4	1.5	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	24	15.5
4	1.0	1.1	1.4	2.5	3.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.2	1.2	1.1	1.4	2.7	3.9	2.6	24	3.9
5	2.8	2.4	2.3	1.4	1.2	1.1	1.2	1.2	1.3	1.2	1.2	1.3	1.4	1.4	1.4	1.4	1.3	1.4	1.3	1.3	1.4	1.3	1.3	1.3	24	2.8
6	1.4	1.9	1.9	2.1	2.1	2.2	2.2	2.2	2.1	2.0	2.0	6.6	3.1	13.6	9.1	4.9	17.0	1.8	1.4	1.3	1.3	1.5	1.6	32.0	24	32.0
7	2.3	1.8	1.4	2.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.3	1.4	1.4	1.4	1.4	2.6	6.3	3.1	1.7	3.1	1.2	14.9	1.4	24	14.9
8	1.3	1.4	1.5	1.6	1.5	1.7	1.8	2.0	1.5	1.4	14.5	10.4	1.4	1.3	1.4	1.4	1.4	1.5	1.5	1.7	1.6	1.5	1.3	1.1	24	14.5
9	1.2	1.2	1.1	1.1	1.1	2.6	2.6	4.4	2.2	5.6	7.6	2.0	1.7	1.6	1.6	1.5	1.4	1.2	1.1	1.0	1.0	1.1	1.1	1.1	24	7.6
10	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.0	1.2	1.3	1.1	1.0	1.0	.9	1.0	1.1	1.0	1.2	1.4	24	1.4
11	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BF	1.3	2.7	4.0	1.5	2.2	2.5	1.7	2.7	2.4	1.8	1.6	1.4	1.5	1.6	1.6	23	4.0
12	1.7	1.6	1.6	1.5	1.5	1.5	1.5	2.1	2.9	4.8	3.6	2.0	1.8	1.9	1.8	1.7	1.8	1.8	1.9	2.0	1.9	1.6	1.5	1.3	24	4.8
13	1.3	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.3	1.1	1.0	1.0	1.0	1.2	1.3	1.5	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.1	24	1.5
14	1.2	1.0	1.0	.9	1.2	1.7	1.4	1.3	2.5	2.7	2.8	2.0	1.6	1.9	2.0	2.8	4.3	1.8	1.1	1.1	1.7	1.3	1.0	1.1	24	4.3
15	1.1	1.1	1.2	1.1	1.0	1.0	1.0	1.1	1.4	1.7	2.3	3.2	2.2	1.7	1.9	4.2	14.3	2.8	1.1	1.1	5.4	10.9	3.6	2.1	24	14.3
16	18.1	2.2	1.4	1.2	1.2	1.3	1.4	1.9	1.5	1.2	4.1	1.2	2.8	4.0	3.7	2.8	5.9	7.6	1.5	6.4	2.4	1.2	1.0	.9	24	18.1
17	1.0	1.1	1.1	1.1	1.2	1.2	1.4	1.6	1.5	1.1	1.0	.9	1.0	.9	1.0	.9	1.0	1.2	1.4	1.5	1.5	1.4	1.2	1.0	24	1.6
18	1.3	1.5	2.4	2.3	1.8	1.5	1.6	1.7	1.8	2.0	2.0	1.7	1.5	1.5	1.3	1.1	1.0	1.1	1.6	2.0	2.3	1.8	1.4	1.3	24	2.4
19	1.3	1.3	1.7	2.5	2.5	2.2	2.1	1.9	1.6	1.4	1.2	1.0	1.0	1.0	2.8	8.6	1.8	1.2	1.0	1.1	1.0	1.0	.9	.9	24	8.6
20	.9	1.0	.9	1.0	1.0	.9	1.0	.8	.9	.9	1.0	1.0	.9	.9	.9	1.0	1.0	1.0	.9	1.0	1.0	1.7	1.2	1.1	24	1.7
21	1.1	1.3	1.4	1.1	1.1	1.0	1.1	1.2	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.0	1.1	1.1	2.7	2.4	1.9	1.6	1.3	24	2.7
22	1.4	1.2	1.2	1.2	1.1	1.0	1.1	1.5	1.5	1.5	1.4	1.8	2.2	2.7	2.7	2.5	2.3	2.0	2.1	2.0	2.0	1.8	1.8	1.9	24	2.7
23	1.7	1.5	1.4	1.5	5.8	8.7	3.8	5.4	1.4	1.1	1.0	1.0	.7	.7	.9	.7	.5	.6	.7	.8	1.0	.8	1.4	1.9	24	8.7
24	1.6	1.7	2.3	2.1	2.0	1.8	3.2	2.9	2.2	1.6	BF	2.7	2.8	1.9	1.6	1.5	1.5	1.7	2.0	1.7	1.6	3.3	1.2	1.1	23	3.3
25	1.0	.9	1.0	1.0	.9	.9	.9	.9	1.0	1.0	.9	2.7	1.6	1.0	.8	.8	.9	3.0	1.2	1.1	.8	.8	.8	1.0	24	3.0
26	.8	.8	1.0	1.5	1.3	.8	.7	.6	.7	.6	.5	.6	.6	.4	.7	.8	.9	.7	.8	.8	.9	.9	1.1	1.1	24	1.5
27	1.1	1.0	1.0	.9	1.0	1.2	3.1	2.3	1.9	.9	1.0	.9	.8	.9	.9	.8	.8	.8	.9	.8	.8	.7	.8	.7	24	3.1
28	.5	.6	.7	.8	.9	1.2	1.2	.9	1.1	1.2	1.2	1.1	1.3	1.2	1.2	1.1	1.1	1.0	1.2	1.2	1.0	.9	1.0	1.2	24	1.3
29	1.2	1.2	1.5	1.8	2.0	1.8	1.4	1.4	1.3	1.2	1.1	1.0	1.0	3.0	5.1	3.3	1.0	1.1	1.1	.9	.9	.8	.7	.8	24	5.1
30	.6	.8	.7	.6	.6	.7	.7	.5	1.2	1.7	1.1	4.6	4.9	3.1	2.9	2.0	2.2	8.3	1.0	.8	.6	.6	.7	.7	24	8.3
31	43.5	9.9	.9	.9	.8	.7	.8	.9	1.0	1.1	1.4	.8	.8	.6	.6	.5	.7	.7	.4	.5	.7	1.4	1.7	2.0	24	43.5
NO.:	31	31	31	31	31	31	31	31	30	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	43.5	9.9	2.9	2.5	5.8	8.7	3.8	5.4	3.5	5.6	14.5	10.4	15.5	13.6	9.1	8.6	17.0	8.3	3.1	6.4	5.4	10.9	14.9	32.0		
AVG:	3.29	1.68	1.41	1.45	1.55	1.60	1.54	1.65	1.56	1.61	2.20	2.09	2.02	2.20	1.92	1.88	2.51	1.98	1.30	1.46	1.53	1.66	1.84	2.33		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 1.84 MONTHLY MAX: 43.5

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.65214
LONGITUDE: -91.11689
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 434
PROBE HEIGHT: 5.49

SITE ID: 29-093-0034 POC: 1
COUNTY: (093) Iron
CITY: (00000) Not in a city
SITE ADDRESS: BUICK NE: 347 Power Lane
SITE COMMENTS: Was relocated from Bixby West. Doe Run Company purchased the Bixby West property f
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (138) SOUTHEAST MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: FOREST
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: APRIL 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.3	.9	.7	.8	.6	.7	1.1	1.2	1.6	1.5	1.2	.9	1.0	.7	.7	.8	.7	.5	.5	.6	.7	.5	.5	.5	24	1.6
2	.8	1.0	.8	.5	.5	3.8	1.1	2.8	1.8	1.2	.9	1.5	2.7	5.5	4.6	1.2	.7	.7	.7	.7	.7	.8	.9	5.6	24	5.6
3	1.3	2.0	.9	.8	1.0	1.1	.9	.7	.5	.9	.4	.7	.6	.8	.8	.8	.9	1.0	.8	.9	.9	1.0	.9	1.0	24	2.0
4	1.0	1.0	1.0	1.0	.9	1.0	.7	1.0	1.3	.7	.8	.9	2.0	1.3	2.3	6.9	4.8	1.9	1.0	1.0	.9	.9	1.0	1.1	24	6.9
5	1.0	1.0	1.1	1.2	1.0	1.1	2.2	2.0	1.4	1.3	1.4	1.7	1.9	1.4	1.2	2.3	1.3	1.6	1.2	1.2	1.1	1.0	1.0	.9	24	2.3
6	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0	.8	.9	.9	.9	.9	.8	.9	.9	.8	.9	.8	.9	.9	1.0	.9	1.9	24	1.9
7	1.1	.9	1.0	1.0	1.0	.9	.9	1.0	.9	1.0	.9	3.9	4.5	1.1	.9	.9	.8	.9	.8	.8	.9	.9	.9	.9	24	4.5
8	16.1	1.6	14.1	4.3	1.2	1.0	1.0	1.0	BF	BF	1.0	.9	.9	.8	.9	2.7	.9	.9	.8	.7	.8	.9	1.0	1.0	22	16.1
9	.9	.9	.9	.8	.9	5.4	1.0	.8	.8	.9	.9	2.8	7.6	3.1	1.0	1.1	1.7	1.0	2.5	.8	.7	.7	.8	.7	24	7.6
10	.7	.8	.7	.7	.8	.8	1.0	1.0	1.0	1.1	.9	.9	.9	.9	.9	.8	.8	.8	.9	.8	.9	.9	1.0	.9	24	1.1
11	1.0	1.1	6.0	8.4	3.4	1.8	1.9	1.6	1.3	1.2	1.1	1.1	1.0	1.0	1.0	1.1	1.2	1.3	1.2	1.3	1.3	1.2	1.2	1.2	24	8.4
12	1.3	2.3	2.1	1.8	1.7	1.8	1.7	1.7	1.7	1.7	1.3	1.8	2.8	5.3	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.0	24	5.3
13	1.2	1.2	1.1	1.1	1.0	1.0	.9	.8	.8	.8	.8	.9	1.6	2.5	1.6	.9	.8	1.0	1.0	1.1	1.4	1.6	1.6	1.2	24	2.5
14	1.3	1.2	1.5	1.4	1.5	1.9	1.7	1.5	1.2	1.5	2.4	1.9	1.5	1.1	1.1	1.2	1.4	1.3	1.3	1.5	1.4	1.5	1.8	1.6	24	2.4
15	1.7	1.5	1.3	1.5	1.4	1.6	1.7	2.0	2.1	2.0	2.0	1.7	1.6	1.5	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	24	2.1
16	1.5	1.6	1.7	1.5	1.4	1.2	1.0	.8	.8	.9	.9	.8	.8	.8	1.2	1.4	1.5	1.5	.9	.9	.8	.8	.7	.8	24	1.7
17	.8	.8	1.1	.8	.8	.8	.8	.9	1.0	1.0	1.1	.9	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	24	1.1
18	.7	.7	.8	.8	.8	.7	.8	.7	.7	.8	.8	.9	.8	.9	.8	.8	.8	.8	.8	.8	.9	1.0	1.0	1.0	24	1.0
19	1.0	.9	2.1	3.0	1.2	1.0	.8	.9	.9	.8	.8	.7	.7	.8	.7	.7	.7	.7	.7	.8	.8	.8	.6	.7	24	3.0
20	.8	.8	.7	.8	.8	.8	.9	.9	.9	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.9	.9	.9	.9	24	.9
21	.8	.9	.8	.9	.9	.9	1.0	1.1	1.2	BF	1.0	1.0	.9	1.0	.9	.8	.8	1.0	8.3	12.8	1.3	1.2	1.0	3.6	23	12.8
22	20.8	1.1	1.1	1.1	1.0	.9	1.0	1.1	1.0	1.0	1.1	1.0	1.0	1.1	.8	.9	.8	.9	.9	.8	.8	.8	.8	.9	24	20.8
23	.9	.9	.9	1.1	1.5	1.5	1.4	1.0	.9	.9	.9	.9	.9	1.0	2.0	1.5	1.3	1.4	1.4	1.4	1.3	1.0	1.0	1.0	24	2.0
24	1.0	1.0	1.1	1.1	1.2	1.1	1.1	2.3	3.9	2.6	1.6	1.3	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.0	.9	24	3.9
25	.9	.9	.8	.8	.9	.8	.9	.9	.9	5.8	7.8	.9	.9	.9	.9	.8	.9	.9	.9	.9	.9	.8	1.0	.9	24	7.8
26	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.9	.8	.9	1.0	1.1	1.2	1.4	1.6	1.7	1.6	1.3	1.2	1.1	24	1.7
27	2.4	1.5	1.3	1.5	3.3	6.6	3.1	1.8	1.5	1.9	2.4	1.2	1.1	1.3	1.2	1.2	1.2	1.5	1.6	1.8	1.5	1.2	1.0	1.0	24	6.6
28	1.5	1.7	1.5	2.0	1.9	1.2	1.4	1.9	1.8	1.3	1.2	1.0	1.0	1.1	1.3	1.3	1.4	1.3	1.1	1.1	1.0	1.4	1.7	1.6	24	2.0
29	1.4	1.7	1.8	1.6	2.4	1.5	1.1	1.1	1.1	1.7	4.0	4.7	2.0	1.2	1.3	1.3	1.0	1.0	.9	.9	1.0	1.0	1.0	.9	24	4.7
30	1.0	1.0	1.0	1.0	1.2	1.5	1.3	1.2	1.3	1.3	1.2	1.7	2.3	2.2	1.1	1.0	1.0	1.0	1.1	1.1	1.3	1.5	1.2	1.1	24	2.3
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	28	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	20.8	2.3	14.1	8.4	3.4	6.6	3.1	2.8	3.9	5.8	7.8	4.7	7.6	5.5	4.6	6.9	4.8	1.9	8.3	12.8	1.7	1.7	1.8	5.6		
AVG:	2.27	1.16	1.72	1.50	1.27	1.54	1.20	1.25	1.24	1.37	1.44	1.37	1.58	1.46	1.21	1.32	1.16	1.09	1.30	1.42	1.04	1.04	1.04	1.28		

MONTHLY OBSERVATIONS: 717 MONTHLY MEAN: 1.34 MONTHLY MAX: 20.8

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.65214
LONGITUDE: -91.11689
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 434
PROBE HEIGHT: 5.49

SITE ID: 29-093-0034 POC: 1
COUNTY: (093) Iron
CITY: (00000) Not in a city
SITE ADDRESS: BUICK NE: 347 Power Lane
SITE COMMENTS: Was relocated from Bixby West. Doe Run Company purchased the Bixby West property f
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (138) SOUTHEAST MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: FOREST
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: MAY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.2	1.3	1.5	1.9	1.7	1.5	1.2	1.1	1.2	1.3	1.2	1.1	1.2	1.2	1.2	1.5	1.3	1.7	2.0	2.1	1.8	1.5	1.2	1.2	24	2.1
2	1.3	1.4	1.4	1.5	1.5	1.6	1.8	5.9	3.7	1.6	6.9	4.5	4.4	16.3	4.4	3.6	1.9	9.1	1.3	1.1	1.1	1.2	1.3	1.3	24	16.3
3	1.7	1.5	1.5	1.4	1.3	1.3	1.2	1.4	5.4	3.7	3.1	.9	6.1	2.6	2.8	1.1	24.1	1.2	1.2	1.1	1.3	1.4	1.6	1.5	24	24.1
4	1.4	1.2	1.2	9.3	5.4	1.6	1.1	1.0	1.1	1.3	1.6	1.7	2.1	1.4	1.0	1.0	1.1	1.0	1.0	1.3	1.8	1.8	1.8	1.7	24	9.3
5	1.8	1.6	1.3	1.2	1.1	1.1	1.0	.8	.9	.9	BF	.9	.6	.5	.6	.6	.6	.9	1.1	1.1	1.0	1.0	1.0	1.0	23	1.8
6	1.0	1.1	1.1	1.1	1.1	1.3	1.4	1.3	1.2	1.1	.8	.7	.8	1.0	1.0	.9	1.0	.9	1.1	1.1	1.0	1.0	1.0	1.0	24	1.4
7	1.1	1.2	1.7	1.7	1.2	1.1	1.1	1.2	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.1	1.3	1.4	1.4	1.4	1.3	1.4	24	1.7
8	1.2	1.1	1.0	.9	.9	.9	1.1	1.0	1.1	1.4	1.1	1.1	2.4	1.8	1.0	1.8	1.0	1.5	1.9	.9	.8	.8	.8	.7	24	2.4
9	.8	.8	.7	.8	.8	.9	.9	.9	.9	.9	.9	.9	1.0	.9	.8	.9	.9	.8	.9	.8	.8	.7	.8	.7	24	1.0
10	.8	.9	1.0	1.6	.9	.8	1.2	2.6	1.1	.8	.7	.7	.8	.9	.8	.6	1.1	.6	.6	.7	.7	.7	.7	.7	24	2.6
11	.8	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.7	.6	.6	.7	.6	.6	.7	.8	.8	24	.8
12	.8	.8	.8	.7	.8	.8	.8	.9	.9	.9	.8	.9	.9	.8	.9	.8	.9	.9	.9	.9	.9	.8	.9	1.0	24	1.0
13	.9	1.1	1.0	.9	.9	1.4	1.5	1.3	1.4	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.2	1.4	1.3	1.1	1.1	1.3	1.4	24	1.5
14	1.6	1.7	2.0	3.0	2.4	1.4	1.3	1.3	1.4	1.2	1.4	1.4	1.6	1.4	1.1	1.0	.9	.9	.9	1.1	1.0	.9	1.0	.9	24	3.0
15	1.0	1.4	1.6	1.5	1.3	1.3	1.2	1.3	1.2	1.0	1.1	.9	.7	.8	.7	.7	.7	.8	.8	.7	.7	.8	.8	.7	24	1.6
16	.7	.9	.8	.8	.8	.7	.9	.8	.7	.7	.7	.6	.6	.6	.7	.7	.7	.6	.7	.6	.6	.7	.6	.6	24	.9
17	.6	.6	.6	.7	.6	.8	.7	.7	.6	.7	.6	.7	1.0	4.6	3.2	2.3	1.7	.5	.2	.1	-.1	-.7	-.1	-.1	24	4.6
18	-.1	.0	5.1	1.4	.3	.2	.6	.7	.4	.6	.3	.2	.4	.3	.3	.3	.5	.4	.5	.5	.4	.6	.4	.4	24	5.1
19	.5	.6	.6	.5	.3	.3	.4	.3	.2	.1	.2	.4	.1	.1	.0	-.2	.2	2.2	3.3	.2	.7	1.0	.9	.8	24	3.3
20	.3	.1	-.1	.2	-.1	.5	.6	1.0	.8	.7	.5	1.0	1.0	.9	.7	.7	.7	.7	.7	.5	.6	1.3	.9	.7	24	1.3
21	.6	.7	.8	.7	.6	.7	.8	.8	.8	.8	.8	BL	BF	BC	.7	.7	.7	.6	.7	.7	.7	.8	.7	.8	21	.8
22	1.3	.7	.6	.1	.7	.8	.8	.2	-.1	21.7	1.8	.7	.5	.0	-.2	-.4	-.3	.1	.7	.8	-.1	.1	.3	.2	24	21.7
23	.7	.8	.9	1.0	.5	.6	.9	.9	.8	1.0	.8	.5	.5	.7	.6	.8	.7	.7	.9	.7	.4	.3	.7	1.0	24	1.0
24	.9	.8	.7	.7	.8	1.0	1.0	1.1	1.0	.7	.3	.2	.2	.1	.3	.3	.5	.6	.7	.7	.7	.7	.7	.7	24	1.1
25	.7	.7	.7	4.5	3.9	.9	.8	1.0	5.2	2.6	.9	.7	.7	.8	.7	.7	.7	.7	.7	.7	.6	.7	.7	.7	24	5.2
26	.7	.6	.6	.7	.5	.7	.8	33.7	7.4	2.1	1.6	.9	1.1	2.5	3.7	1.5	5.2	1.7	1.1	.6	.5	.7	.6	.7	24	33.7
27	.7	.7	1.4	3.0	3.9	1.0	.8	1.3	12.6	2.6	.9	.7	.9	.9	.5	.5	.4	.2	.2	.3	.6	.6	.5	.6	24	12.6
28	.5	.5	.4	.7	.4	.5	.6	.7	.4	.7	.6	.6	.6	.6	.6	.0	-.2	.5	.0	.4	.7	.6	.6	.7	24	.7
29	.4	.3	.4	.6	.6	.6	.5	.6	.8	1.6	5.8	5.6	1.8	.6	.6	.8	9.3	.9	.6	.6	.5	.6	.6	1.1	24	9.3
30	.7	.6	.8	.6	.4	.6	.7	.6	.5	.5	.5	.5	.6	.7	.6	.4	.6	.5	.5	.5	.6	.5	.5	.6	24	.8
31	.6	.6	.5	.6	.6	.6	.7	.7	.7	.6	.6	.6	.0	-.4	-.6	-.7	-.5	-.8	-.6	1.3	-.3	-.9	.1	.8	24	1.3
NO.:	31	31	31	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	1.8	1.7	5.1	9.3	5.4	1.6	1.8	33.7	12.6	21.7	6.9	5.6	6.1	16.3	4.4	3.6	24.1	9.1	3.3	2.1	1.8	1.8	1.8	1.7		
AVG:	.88	.87	1.08	1.45	1.19	.91	.94	2.19	1.81	1.83	1.31	1.08	1.18	1.51	1.01	.83	1.90	1.07	.90	.82	.75	.75	.81	.85		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 1.16 MONTHLY MAX: 33.7

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.65214
LONGITUDE: -91.11689
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 434
PROBE HEIGHT: 5.49

SITE ID: 29-093-0034 POC: 1
COUNTY: (093) Iron
CITY: (00000) Not in a city
SITE ADDRESS: BUICK NE: 347 Power Lane
SITE COMMENTS: Was relocated from Bixby West. Doe Run Company purchased the Bixby West property f
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (138) SOUTHEAST MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: FOREST
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JUNE 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.5	1.7	1.4	1.2	.8	.8	.8	.8	.7	.7	.8	.8	1.1	1.2	.9	.8	.8	.8	.8	.6	.7	.8	.8	.8	24	1.7
2	.8	.8	.8	.8	.9	.9	.9	1.1	BF	BF	1.0	.6	.8	.8	.9	.9	.8	.7	.7	.8	.8	.7	.7	.7	22	1.1
3	.8	.7	.7	.7	.8	.7	.7	.8	1.0	1.0	1.0	.8	1.1	1.4	1.0	2.4	.7	.7	.6	.4	.5	.5	.6	.5	24	2.4
4	.6	.8	.7	.7	.7	.6	.7	1.0	9.4	1.0	.8	.8	.7	.6	.7	.5	.7	.8	.6	.7	.6	.6	.7	.6	24	9.4
5	.7	1.9	5.8	.9	.7	.7	.7	.7	.7	.6	.6	.6	.5	.6	.6	.7	.6	.6	.7	.7	3.5	.7	2.0	.7	24	5.8
6	.6	.6	.6	.6	.6	.5	.6	.6	.8	.7	.7	1.8	2.1	.9	1.0	3.8	4.0	2.1	.9	.7	.6	.6	.6	.4	24	4.0
7	.0	.0	1.5	4.1	6.3	10.4	3.0	6.0	12.6	3.7	1.8	3.0	5.1	4.2	3.0	2.5	.9	.7	.6	.7	.7	.7	7.6	29.4	24	29.4
8	15.0	5.8	1.6	.7	.6	.6	1.5	8.1	.7	.6	.4	.5	.5	.5	.6	.6	.6	.7	.6	.7	.6	.5	.7	.7	24	15.0
9	.7	.8	.6	.8	.7	.7	.7	.8	.7	.7	.6	.7	.7	.6	.6	.6	.6	.5	.5	.4	.5	.5	.5	.8	24	.8
10	.8	.6	.7	.7	6.0	1.0	2.5	3.1	.6	.6	.5	.7	4.9	1.2	1.0	.6	.6	.7	.7	.7	.7	.9	.8	.7	24	6.0
11	.9	.6	4.6	7.6	11.0	2.8	7.9	1.3	2.0	1.5	13.3	.8	.7	.9	5.4	1.7	1.0	.7	.8	.8	.8	.8	.7	.8	24	13.3
12	.8	.7	.7	.7	.7	.7	.7	3.2	4.5	1.7	2.5	2.9	2.6	3.4	1.6	.7	.8	.6	.7	.5	.2	1.3	.7	.4	24	4.5
13	.4	.6	.7	.8	.7	.7	.6	.7	.7	.7	.7	.7	.6	.6	.5	.7	.7	.7	.7	.6	.7	.7	.8	.8	24	.8
14	.7	.7	.7	.7	.8	.7	.7	2.3	1.2	1.1	3.4	6.7	1.6	.7	.7	.7	7.9	1.3	.8	.7	.6	.6	.7	.6	24	7.9
15	.6	.6	.7	.7	.7	.8	2.8	10.1	5.3	3.6	3.2	1.5	.7	.7	.7	.7	1.0	6.6	15.8	2.2	12.2	4.5	1.2	.8	24	15.8
16	.7	.6	.6	.7	.7	.8	.9	1.0	BF	BF	.9	3.9	7.9	8.1	1.0	.8	.6	.7	.6	.6	.8	.6	.6	.5	22	8.1
17	.7	.8	.6	.7	1.2	1.9	.8	.7	.6	5.7	4.3	2.0	.7	4.7	2.5	.7	.7	.6	.6	.7	.5	.2	.4	.5	24	5.7
18	.5	.6	.6	.5	2.0	11.5	3.1	.9	19.8	2.7	1.0	.8	1.1	1.3	.7	.8	.7	.7	.7	.6	.6	.4	.3	.6	24	19.8
19	.6	.6	.6	.6	.5	.5	.5	.6	.5	.5	.5	.5	.5	.6	.3	.3	.1	.1	.5	.4	.3	.3	.5	.5	24	.6
20	.5	.5	.4	.5	.5	.4	.5	.6	.6	.6	.6	1.7	3.6	10.2	1.0	.7	.6	.7	.4	.5	.6	1.7	1.5	.6	24	10.2
21	.5	.4	.5	.6	.5	1.0	.8	1.0	1.2	.6	2.0	1.7	.5	.5	3.8	.4	11.5	12.9	1.1	1.4	.6	.6	4.1	.6	24	12.9
22	2.0	.5	.5	.5	.5	.4	11.5	6.2	.9	2.5	5.4	8.1	4.5	2.5	4.2	2.8	2.0	.7	.7	.6	1.9	13.3	7.9	.5	24	13.3
23	.5	.4	.3	.3	.5	.5	.5	.7	.8	.8	.6	.5	.3	.4	.3	-.3	.1	.8	1.2	.7	.5	.7	.5	.5	24	1.2
24	.5	.5	.4	.5	.6	.5	.6	7.8	20.6	1.7	BF	AU	AU	AU	AU	AU	AU	AU	AU	AU	AU	AU	AU	AU	10	20.6
25	AU	AU	AU	AU	AU	AU	AU	BC	BC	BC	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
26	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
27	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	
28	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	
29	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	
30	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	
31																									0	
NO.:	24	24	24	24	24	24	24	24	22	22	23	23	23	23	23	23	23	23	23	23	23	23	23	23		
MAX:	15.0	5.8	5.8	7.6	11.0	11.5	11.5	10.1	20.6	5.7	13.3	8.1	7.9	10.2	5.4	3.8	11.5	12.9	15.8	2.2	12.2	13.3	7.9	29.4		
AVG:	1.31	.91	1.10	1.11	1.63	1.67	1.83	2.50	3.90	1.51	2.03	1.83	1.86	2.03	1.43	1.05	1.65	1.54	1.36	.73	1.28	1.40	1.52	1.87		

MONTHLY OBSERVATIONS: 558 MONTHLY MEAN: 1.62 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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.65214
LONGITUDE: -91.11689
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 434
PROBE HEIGHT: 5.49

SITE ID: 29-093-0034 POC: 1
COUNTY: (093) Iron
CITY: (00000) Not in a city
SITE ADDRESS: BUICK NE: 347 Power Lane
SITE COMMENTS: Was relocated from Bixby West. Doe Run Company purchased the Bixby West property f
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (138) SOUTHEAST MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: FOREST
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JULY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	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	
2	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BF	BC	.4	.3	.4	.4	.4	.3	.4	.4	.5	.4	.5	11	.5
3	.5	.5	.5	1.0	.9	.6	.6	1.5	1.4	1.3	.8	.6	.4	.5	.5	.8	.9	1.0	1.5	1.5	1.5	2.2	3.4	2.4	24	3.4
4	1.2	.8	.5	.5	.5	.5	.5	.7	1.6	1.0	.6	.5	.6	.6	.6	.6	.5	.5	.7	.6	.5	.4	.5	.5	24	1.6
5	.5	.5	.5	.4	.4	.4	.5	.7	.7	.7	.7	.6	.7	.7	.5	.5	.5	.5	.4	.5	.5	.5	.4	.5	24	.7
6	.6	.7	.8	3.6	.8	.5	.5	.4	.5	1.3	25.8	5.1	8.5	.9	.5	.5	1.5	.5	.5	.5	.5	.5	.4	.4	24	25.8
7	2.4	12.6	2.7	1.8	.5	.4	.5	.5	5.3	1.8	4.1	6.3	2.0	1.0	9.8	6.1	.5	.3	.3	.4	.3	.3	.3	.3	24	12.6
8	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	6.8	.5	.6	2.3	.4	.4	.4	.3	11.3	6.5	2.3	10.2	4.0	.8	24	11.3
9	.4	.3	.4	.3	.3	.3	.3	.4	.4	.4	.3	.3	.9	.4	.2	.3	.3	.4	.4	.2	.3	.4	.6	.7	24	.9
10	.4	.3	.4	1.4	8.7	.8	.6	.6	.5	.4	.3	.4	.6	1.8	.5	.6	.6	.7	1.0	3.6	.8	.4	.4	.4	24	8.7
11	.4	.4	.4	.4	.4	.4	.5	8.9	1.5	.7	.8	7.0	11.5	11.3	5.0	12.6	9.1	1.9	.8	.7	.6	3.3	6.8	2.3	24	12.6
12	3.6	5.2	.9	.6	.5	.5	.6	.6	.6	.5	.6	.5	4.1	2.5	4.6	1.8	4.4	3.7	.6	.7	.7	.6	.6	3.2	24	5.2
13	4.3	.7	.6	.6	.5	.5	.5	.6	.6	.7	.5	3.1	6.4	1.8	2.6	2.4	1.3	2.1	3.5	.8	1.0	18.3	1.6	.8	24	18.3
14	.7	.7	.6	.6	.7	.6	.6	.8	.9	.7	.8	.7	.8	.7	.8	.8	.8	.8	.7	.6	.6	.6	.5	.4	24	.9
15	.6	.5	.5	.7	.8	.8	1.1	1.1	.8	.6	BF	.7	.6	.7	.7	.6	.9	1.5	2.5	1.4	.8	.8	.6	.6	23	2.5
16	.6	.5	.4	.5	.6	.5	.7	.8	.9	.7	.9	.8	.8	.7	.6	.6	.6	.7	.8	.7	.7	.6	.6	.5	24	.9
17	8.9	15.6	8.2	2.9	6.3	2.8	12.0	1.5	1.2	1.0	.9	3.6	3.8	7.3	1.7	2.1	6.7	5.2	1.0	.9	.7	.7	.6	.6	24	15.6
18	.8	3.7	17.9	7.2	1.2	.8	.7	.9	1.2	1.3	1.1	.9	2.1	.9	8.2	10.9	1.3	8.3	5.7	1.0	.6	.7	.6	.8	24	17.9
19	.6	.5	.5	1.7	2.7	.7	.8	.7	.6	.5	.6	.6	1.9	1.6	3.9	4.3	1.0	.9	.7	.8	.7	.6	.5	.5	24	4.3
20	.5	.9	14.0	1.6	.6	.5	1.0	.6	.6	.5	.5	3.3	.6	.7	10.4	12.9	1.1	.5	.5	.5	.4	.4	.5	.4	24	14.0
21	.4	.3	.4	.3	.4	.4	.3	.9	1.3	1.2	1.4	.8	.4	.5	.5	.4	.5	.6	.5	.5	.5	.8	1.2	.9	24	1.4
22	.7	.5	.6	.8	1.3	1.4	.8	.8	1.3	.7	1.0	.9	1.3	1.2	.8	.6	.5	.5	.3	.4	.4	.4	.3	.3	24	1.4
23	.3	.4	.4	.4	.3	.4	.4	.3	.4	7.2	4.4	2.0	.9	.5	.5	.5	.5	.6	.8	.7	.6	.6	.6	.6	24	7.2
24	.6	.6	.6	.8	.7	.8	.9	.9	.7	.5	.4	.5	3.1	1.5	1.7	.6	.5	.7	.6	.6	.6	.6	.8	.9	24	3.1
25	.5	.5	.5	.4	.5	.4	.4	.9	.7	.4	.5	.8	.7	.6	1.0	3.0	1.6	1.2	.9	.8	.6	.6	.6	.6	24	3.0
26	.5	.5	.6	.5	1.3	2.4	.8	.4	.4	.4	.3	.4	.5	.5	.5	2.7	.8	.6	.5	.6	.5	.5	.5	.4	24	2.7
27	.4	5.2	11.7	11.9	2.0	1.3	1.9	1.1	1.0	.7	.7	.6	.6	.7	.7	3.0	1.0	.9	.8	2.8	.8	.9	.7	.7	24	11.9
28	.6	.6	.5	.4	.4	.4	.6	4.3	BF	.8	.8	1.0	1.1	8.8	4.2	5.8	8.8	6.0	1.5	1.0	.8	1.4	1.0	.7	23	8.8
29	.6	5.1	1.0	.7	.5	.6	.6	.5	.6	.6	.5	.6	.5	.6	.6	.5	.6	.6	.6	.6	.6	.6	.6	.6	24	5.1
30	.6	.6	.6	.6	.6	.6	.6	.8	.7	.7	.6	.8	.9	1.3	1.6	1.8	1.2	.7	.7	.7	.7	.7	.8	1.0	24	1.8
31	1.1	1.5	1.4	1.4	.9	.8	.8	.8	.6	.7	.7	.6	.7	.8	.7	.8	.7	.7	.7	.8	.8	.7	.8	.8	24	1.5
NO.:	29	29	29	29	29	29	29	29	28	29	28	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	8.9	15.6	17.9	11.9	8.7	2.8	12.0	8.9	5.3	7.2	25.8	7.0	11.5	11.3	10.4	12.9	9.1	8.3	11.3	6.5	2.3	18.3	6.8	3.2		
AVG:	1.16	2.09	2.36	1.53	1.23	.74	1.05	1.15	.98	.98	2.05	1.53	1.99	1.79	2.15	2.63	1.65	1.44	1.37	1.06	.69	1.66	1.04	.80		

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: 1.46 MONTHLY MAX: 25.8

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.65214
LONGITUDE: -91.11689
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 434
PROBE HEIGHT: 5.49

SITE ID: 29-093-0034 POC: 1
COUNTY: (093) Iron
CITY: (00000) Not in a city
SITE ADDRESS: BUICK NE: 347 Power Lane
SITE COMMENTS: Was relocated from Bixby West. Doe Run Company purchased the Bixby West property f
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (138) SOUTHEAST MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: FOREST
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: AUGUST 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.7	.7	.7	.8	.8	.7	.7	.7	.8	.7	.8	1.1	.9	.9	1.1	.7	.7	.7	.6	.8	.8	1.3	8.8	1.4	24	8.8
2	1.3	1.1	.9	.8	.7	.8	.8	18.6	1.4	1.3	.8	.7	.7	1.1	.9	1.1	1.1	1.0	2.4	2.4	6.5	1.0	.9	.8	24	18.6
3	.8	1.0	1.0	1.1	1.1	1.0	1.1	1.1	1.1	1.0	1.5	1.6	1.8	1.7	1.5	1.1	1.0	1.1	1.0	.9	1.0	.9	.9	.9	24	1.8
4	.9	1.0	2.3	.9	1.0	1.1	1.1	1.0	1.1	1.0	4.0	2.4	.9	.8	.7	.7	1.1	.7	.6	.6	.7	.5	.7	.7	24	4.0
5	.6	.6	1.0	.8	.5	.7	.6	.6	.5	.5	.4	.5	.4	.4	.4	.4	.4	.4	.6	.5	.4	.4	.5	.5	24	1.0
6	.4	.4	.3	.4	.5	.6	.5	.6	.7	.5	.4	.3	.3	.4	.6	1.1	.8	.5	.5	.6	.5	.5	.5	.5	24	1.1
7	.6	.6	.8	.7	.6	.6	.5	.6	.7	.7	.6	.5	.5	.5	.6	.6	.5	.5	.6	.5	.5	.4	.5	.4	24	.8
8	.5	.5	.5	.5	.5	.4	.5	1.7	18.2	1.2	.8	.7	.6	.7	.8	.7	.6	.6	.6	.5	.5	.6	.4	.5	24	18.2
9	.5	.4	.5	.5	.5	.5	.5	.7	1.9	12.3	2.2	1.5	5.7	4.5	3.0	1.0	.8	.8	.8	.6	.6	.6	.6	.5	24	12.3
10	.3	.4	9.4	4.0	1.7	.7	.5	.4	2.2	1.6	.6	.4	.3	.3	.4	.5	.4	.5	.5	.5	.4	.6	.4	.5	24	9.4
11	.4	.5	.4	.4	.4	.4	.5	.8	1.8	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	24	1.8
12	.6	.5	.5	.5	.6	.7	.7	.8	2.1	.9	.6	.7	.8	.8	1.3	BF	1.4	1.1	1.3	1.4	1.3	1.1	.8	.7	23	2.1
13	1.0	1.4	1.3	3.9	4.3	5.1	2.2	1.1	.8	1.4	1.5	1.5	1.2	.9	.8	.7	.7	.7	.8	.7	.6	.7	.8	.8	24	5.1
14	.8	.8	.7	.7	.8	.8	.9	1.0	1.7	2.4	2.0	2.8	2.8	2.1	2.1	1.9	2.1	2.2	2.2	1.4	1.3	1.2	1.2	1.1	24	2.8
15	1.0	.8	.9	.8	1.1	1.4	1.5	1.2	1.8	3.7	6.3	4.0	2.5	2.1	1.9	1.6	1.6	1.4	1.3	1.1	1.0	.9	.9	.9	24	6.3
16	.9	.9	.8	.8	.6	.6	.7	.7	.7	.7	.6	.6	.5	.6	.6	.6	.6	.6	.7	.6	.7	.8	.9	.9	24	.9
17	.8	.7	.7	.5	.5	.5	.5	.6	3.9	11.8	1.6	.7	.6	.6	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6	24	11.8
18	.5	.5	.6	.5	.5	.5	.6	.5	.6	.6	.6	.6	.6	.6	.9	1.1	.6	.5	.4	.5	.5	.5	.5	.6	24	1.1
19	.5	2.1	2.9	3.2	.7	.5	.5	.6	.6	.4	.4	.4	.5	.4	.5	.5	.5	.5	.5	.4	.5	.5	.5	.4	24	3.2
20	.4	.4	.5	.5	.5	.5	.5	.5	.4	.6	.7	.6	.6	.6	.5	.6	.6	.6	.6	.6	.7	.7	.8	.7	24	.8
21	.6	.7	.7	.8	8.4	13.6	1.5	.9	1.1	2.0	1.5	1.3	1.3	1.4	1.0	1.4	1.4	1.1	1.1	1.1	1.1	1.1	1.0	1.1	24	13.6
22	1.0	.9	.8	.8	.8	.9	.9	.8	.8	.7	.6	.7	.6	.5	.9	.6	.6	.6	.4	.5	.5	.5	.5	.4	24	1.0
23	.4	.5	.7	1.1	1.2	.6	.5	.4	.5	.4	.4	.5	.4	.4	.4	.5	.5	.4	.4	.5	.4	.5	.5	.5	24	1.2
24	.5	.5	.5	.7	.5	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.7	.7	.6	.6	.6	.7	.6	.7	.7	24	.7
25	.7	.8	.8	.8	.8	.7	.8	.8	1.0	1.0	1.0	1.0	.7	.8	.9	.8	.9	.8	.8	.9	1.2	1.1	1.1	1.0	24	1.2
26	1.0	1.0	.9	.8	1.0	.9	1.0	.8	.9	2.1	.8	.7	.6	BF	BF	.7	.7	.8	.8	.8	1.1	1.6	1.1	1.5	22	2.1
27	1.3	1.1	1.9	1.3	1.5	1.5	1.4	1.2	.9	1.0	5.1	2.0	2.2	1.6	1.4	1.3	1.3	1.1	.8	.7	.7	.7	.8	.6	24	5.1
28	.7	.7	.5	.7	.6	.7	.7	.9	1.4	1.0	1.0	1.0	1.4	1.2	1.2	1.2	.9	.8	.7	.6	.7	.7	.7	.7	24	1.4
29	.7	.7	.7	.7	.7	.8	.8	.8	3.4	2.0	1.0	.7	.6	.7	.6	.6	.7	.6	.6	.7	.6	.6	.6	.6	24	3.4
30	.6	.6	.6	.6	.5	.6	.6	.7	.7	3.4	.9	1.0	.8	.8	.8	.9	1.0	.9	.9	.8	.7	.6	.6	.6	24	3.4
31	.6	.5	.6	.6	.5	.6	.5	.5	.6	.9	.7	2.6	1.1	1.0	3.4	.7	.7	.7	.6	.7	.6	.6	.6	.6	24	3.4
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31		
MAX:	1.3	2.1	9.4	4.0	8.4	13.6	2.2	18.6	18.2	12.3	6.3	4.0	5.7	4.5	3.4	1.9	2.1	2.2	2.4	2.4	6.5	1.6	8.8	1.5		
AVG:	.70	.75	1.14	1.01	1.11	1.27	.79	1.36	1.77	1.90	1.31	1.10	1.06	.98	1.03	.85	.84	.77	.80	.76	.90	.74	.96	.72		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 1.03 MONTHLY MAX: 18.6

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.65214
LONGITUDE: -91.11689
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 434
PROBE HEIGHT: 5.49

SITE ID: 29-093-0034 POC: 1
COUNTY: (093) Iron
CITY: (00000) Not in a city
SITE ADDRESS: BUICK NE: 347 Power Lane
SITE COMMENTS: Was relocated from Bixby West. Doe Run Company purchased the Bixby West property f
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (138) SOUTHEAST MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: FOREST
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: SEPTEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.7	.6	.6	.6	.5	.5	.5	.6	7.9	2.9	.8	.8	1.2	.9	.8	.8	.8	.6	.7	.6	.6	.6	.6	.5	24	7.9
2	.6	.5	.5	.5	.5	.6	.6	.6	2.8	4.7	7.1	1.9	3.1	5.4	1.1	.9	.9	.9	.8	.8	.7	.7	.7	.7	24	7.1
3	.6	13.5	6.4	1.2	.8	.7	.8	.8	1.7	1.5	1.3	6.7	4.8	1.2	2.4	8.5	1.4	.9	.8	.9	.8	.7	.7	.6	24	13.5
4	.7	4.3	6.4	1.5	10.7	1.7	1.0	.8	3.9	7.2	13.4	1.6	.7	.7	1.3	.8	1.1	1.2	1.1	.9	.7	.7	.7	.7	24	13.4
5	.6	.6	.5	.6	.6	.5	.7	1.7	1.7	1.0	1.2	1.3	1.4	1.0	1.1	1.0	.9	.9	.9	.8	.7	.8	.7	.8	24	1.7
6	.7	.7	.7	.7	.8	.8	.9	.8	.8	.8	.7	2.5	.8	.8	.8	.7	.7	.8	.7	.7	.7	.7	.8	.7	24	2.5
7	.8	.7	.7	.7	.6	.6	.7	.7	.6	.7	.7	.7	.7	.9	1.0	.8	.7	.7	.8	.7	.7	.7	.7	.7	24	1.0
8	.7	.7	.6	.6	.6	.5	.6	.6	.5	.6	.6	5.8	1.0	.6	.9	.6	.5	.8	.7	.6	.8	.6	.5	.5	24	5.8
9	.5	.5	.6	.5	.5	.4	.5	.4	.5	BF	.5	.5	.5	.4	.5	.6	.6	.8	.7	.7	.8	.8	.8	.8	23	.8
10	.9	.9	.7	1.4	.9	.6	.6	.6	.6	.6	.8	.6	.6	.6	.6	.6	.5	.6	.5	.5	.5	.5	.5	.7	24	1.4
11	4.9	1.4	.7	.7	.6	.5	.6	.6	.7	.6	.6	.6	.6	.6	.5	.6	.6	.6	.6	.6	.6	.6	.7	.7	24	4.9
12	.6	.7	.7	.6	.7	.6	.8	.8	.7	.7	.8	.6	.7	.7	.7	.7	.7	.7	.7	.8	.8	.8	.8	.7	24	.8
13	.8	.7	.7	.8	.8	.8	.8	.9	4.5	10.4	4.2	3.6	1.7	3.1	4.3	3.9	1.1	1.1	1.1	1.0	1.0	1.0	.9	1.1	24	10.4
14	1.1	1.4	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	.9	.9	1.0	1.1	1.4	1.6	1.3	1.1	1.1	1.0	1.0	1.2	1.2	1.1	24	1.6
15	1.1	1.0	.9	1.0	.9	.9	1.0	1.1	1.2	1.2	1.1	1.0	1.1	1.0	1.1	1.1	1.1	1.1	1.0	.9	1.0	1.0	1.2	1.3	24	1.3
16	1.2	1.0	1.0	.9	1.0	.9	1.0	1.0	1.1	1.4	1.1	1.0	1.0	1.0	.9	1.0	.9	1.0	1.0	.9	1.0	.9	.9	1.0	24	1.4
17	1.0	1.1	1.1	.9	.9	.8	.8	.9	.9	.8	.8	.8	1.2	1.2	1.1	1.1	.9	.9	.9	1.1	.9	.9	.9	.8	24	1.2
18	.9	.8	.9	.8	.8	.7	.8	.8	3.2	8.9	5.2	2.6	4.7	3.5	1.6	1.3	1.1	1.0	1.0	.9	1.4	1.6	7.1	2.3	24	8.9
19	3.4	.8	.7	.7	.7	.6	.6	.6	.7	.7	.6	.6	.6	.7	.7	.7	.8	.7	.8	.8	1.3	1.1	.9	.9	24	3.4
20	.8	.8	1.0	.9	1.0	1.0	1.0	1.1	.9	1.0	.9	.8	.8	.8	.9	.9	.8	.8	1.4	2.2	4.1	3.4	4.4	3.2	24	4.4
21	2.2	1.4	1.2	1.5	1.3	1.3	1.4	1.5	2.0	2.3	1.9	1.8	1.7	1.7	1.5	1.4	1.5	1.5	1.4	1.6	1.5	1.3	1.2	1.2	24	2.3
22	1.2	1.3	1.2	1.3	1.3	1.2	1.2	1.5	1.3	4.0	17.7	2.1	1.7	1.6	1.4	1.3	1.3	1.3	1.3	1.5	1.4	1.4	1.6	1.5	24	17.7
23	1.5	1.6	1.9	2.4	2.4	2.1	1.9	1.5	1.8	2.0	1.9	2.0	2.0	1.9	2.3	2.7	BF	2.5	1.9	1.7	1.6	1.4	1.5	1.5	23	2.7
24	1.4	1.4	1.5	1.7	2.1	2.2	2.3	3.1	3.2	3.8	1.4	1.3	1.3	1.6	1.8	1.7	1.6	1.3	1.4	1.6	1.7	1.6	1.7	1.8	24	3.8
25	1.7	1.7	1.7	1.8	2.0	1.8	2.2	3.4	2.9	4.4	2.1	2.6	1.8	1.5	1.6	1.9	2.6	2.3	1.9	2.1	1.9	2.1	1.8	1.9	24	4.4
26	1.9	2.1	2.1	2.0	1.9	1.8	1.6	1.5	1.6	1.2	.8	1.2	3.2	2.6	.9	.8	.7	.7	.8	.7	.6	.7	.7	.7	24	3.2
27	.7	.7	.7	.7	.8	.8	.8	.9	.9	.9	1.1	1.0	.7	.7	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	24	1.1
28	.5	.6	.6	.6	.6	.6	.5	.6	.6	.8	6.8	2.8	3.3	.8	.7	.7	.6	.6	.6	.7	.6	.6	.6	.6	24	6.8
29	.7	.6	.6	.6	.6	.7	.7	.6	.6	.6	.6	.7	.8	.9	1.0	1.1	1.0	1.4	1.1	.8	.5	.5	.6	.7	24	1.4
30	.6	.6	.7	.6	.7	.7	.7	.6	.7	.7	.7	.8	.8	1.6	3.2	3.6	2.1	1.6	4.1	5.7	3.6	1.6	1.3	1.2	24	5.7
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	29	30	30	30	30	30	30	30		
MAX:	4.9	13.5	6.4	2.4	10.7	2.2	2.3	3.4	7.9	10.4	17.7	6.7	4.8	5.4	4.3	8.5	2.6	2.5	4.1	5.7	4.1	3.4	7.1	3.2		
AVG:	1.17	1.49	1.29	.99	1.29	.93	.96	1.06	1.72	2.33	2.61	1.71	1.52	1.37	1.29	1.47	1.01	1.03	1.08	1.15	1.14	1.04	1.24	1.05		

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 1.33 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.

(42401) Sulfur dioxide

SITE ID: 29-093-0034 POC: 1
COUNTY: (093) Iron
CITY: (00000) Not in a city
SITE ADDRESS: BUICK NE: 347 Power Lane
SITE COMMENTS: Was relocated from Bixby West. Doe Run Company purchased the Bixby West property f
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (138) SOUTHEAST MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: FOREST
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 37.65214
LONGITUDE: -91.11689
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 434
PROBE HEIGHT: 5.49

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: OCTOBER 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.2	1.3	1.2	1.0	.9	1.0	1.1	1.5	1.4	1.3	1.2	1.2	1.1	1.1	1.0	.9	.9	1.6	2.3	2.6	1.5	1.2	1.1	1.1	24	2.6
2	1.1	1.1	1.1	1.0	1.2	1.1	1.2	1.2	1.3	1.2	1.1	1.5	3.8	3.2	2.1	2.9	2.4	2.1	1.4	1.2	1.3	1.3	1.3	1.7	24	3.8
3	1.6	1.6	1.5	1.3	1.4	1.3	1.4	1.5	1.4	1.4	1.4	1.1	1.1	1.0	1.1	1.1	1.0	.9	1.0	1.3	2.3	1.8	1.4	1.3	24	2.3
4	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.0	1.4	2.4	1.3	1.2	1.1	1.0	1.1	1.3	1.7	1.6	24	2.4
5	1.2	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.0	1.2	1.3	1.3	1.3	1.7	1.8	1.5	1.3	1.2	1.1	1.0	1.1	.9	1.0	1.0	24	1.8
6	1.0	.9	.9	.9	.9	.9	.9	1.0	1.3	1.4	BF	1.3	1.4	1.2	1.3	1.7	2.5	2.5	1.9	1.6	1.4	1.3	1.0	1.0	23	2.5
7	.8	1.1	1.0	.9	1.0	1.3	1.7	1.8	1.9	1.5	1.5	1.4	1.3	1.5	2.7	2.2	1.5	1.3	1.3	1.0	1.0	1.0	1.0	1.1	24	2.7
8	1.1	1.0	1.1	1.0	1.1	1.2	1.6	17.5	7.3	1.5	1.0	.9	.8	.8	.7	.8	.9	2.0	7.4	12.3	1.9	1.1	.9	.9	24	17.5
9	.9	.8	.7	.7	.8	.6	.7	.7	.8	.7	.7	.7	.7	.7	.7	.8	.7	.7	.7	.6	.7	.7	1.3	1.5	24	1.5
10	1.0	.8	.8	.8	.8	.8	.7	.8	.8	.8	.9	.9	1.1	1.0	1.1	1.1	3.2	1.1	1.1	.9	1.1	1.1	1.0	.9	24	3.2
11	.8	4.9	12.9	26.7	41.8	2.6	1.4	2.4	1.0	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.1	1.3	1.5	1.5	1.4	1.2	24	41.8
12	1.2	1.2	1.2	1.1	1.0	1.1	24.4	1.9	1.6	1.5	1.4	1.1	1.0	1.0	1.0	.9	.8	.8	.9	1.0	1.0	1.0	.9	.9	24	24.4
13	1.0	1.0	.9	1.0	.9	.9	1.0	.9	.9	1.0	.9	1.0	1.0	.9	1.0	1.0	.9	.9	1.0	.9	1.0	1.0	1.1	1.0	24	1.1
14	1.2	1.2	1.3	1.6	1.1	1.3	1.4	1.3	1.2	1.2	1.3	1.3	1.2	1.3	1.3	1.3	1.4	1.6	2.5	4.7	4.5	4.6	4.5	3.5	24	4.7
15	3.0	3.1	3.2	3.0	2.7	2.5	1.8	1.8	2.0	1.9	2.1	2.3	6.0	6.5	2.2	1.6	1.4	1.3	1.4	1.2	1.2	1.2	1.1	1.2	24	6.5
16	1.1	1.2	1.1	1.7	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.0	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.0	24	1.7
17	1.1	1.1	1.1	1.3	1.1	1.1	1.0	2.0	2.4	1.4	1.3	2.3	2.5	2.3	2.7	3.9	3.8	3.0	1.7	1.2	1.7	3.8	3.8	2.2	24	3.9
18	1.7	1.8	1.7	1.6	1.4	1.4	1.5	1.4	1.4	1.4	1.8	2.5	2.1	1.6	1.4	1.5	1.7	2.0	2.8	2.5	2.0	2.1	2.3	2.4	24	2.8
19	2.7	4.0	2.8	2.1	1.9	1.9	1.9	2.4	2.9	2.9	2.5	2.4	2.0	2.2	1.9	2.2	2.4	2.3	1.6	1.7	2.1	2.2	2.4	2.2	24	4.0
20	1.9	1.6	1.6	1.6	1.6	1.5	1.6	1.6	BF	1.6	1.6	1.7	1.6	1.4	1.4	1.7	1.6	1.5	2.1	2.0	2.0	2.0	1.9	2.0	23	2.1
21	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	6.4	12.8	3.6	2.3	6.2	3.2	3.1	1.3	1.3	1.6	1.7	2.0	1.9	1.8	1.6	24	12.8
22	1.6	1.7	1.4	6.3	2.7	1.4	1.3	1.8	12.5	15.9	14.0	1.5	1.4	1.5	1.6	1.5	1.3	1.2	1.4	1.3	1.3	1.4	1.5	1.5	24	15.9
23	1.5	1.4	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	.9	.9	.9	1.0	1.0	24	1.5
24	1.0	.9	1.9	2.5	2.1	2.0	3.8	30.1	4.2	2.1	1.4	1.1	1.0	.9	.9	.9	1.0	.9	1.0	.9	.9	1.0	1.0	1.0	24	30.1
25	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.5	1.9	1.4	2.1	2.0	2.1	2.1	2.4	4.3	1.7	1.3	1.3	1.4	2.3	1.4	1.3	1.8	24	4.3
26	1.7	1.5	1.5	1.6	1.6	1.8	1.8	2.5	2.3	2.1	1.9	1.7	1.5	1.4	1.4	1.5	1.8	2.3	2.0	1.8	1.6	1.7	1.7	1.4	24	2.5
27	1.4	1.3	1.2	1.2	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.0	1.0	1.0	.9	1.0	1.1	13.1	3.9	24	13.1
28	1.3	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.1	1.0	1.0	.9	1.0	1.0	.9	.9	1.0	1.0	1.0	1.6	3.4	24	3.4
29	1.2	1.0	1.1	1.0	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.1	1.2	1.1	1.2	1.3	1.2	1.2	1.3	1.3	1.3	1.2	1.4	1.4	24	1.4
30	1.4	1.3	1.3	1.4	1.5	1.5	1.6	1.7	1.7	1.5	1.9	1.9	1.7	1.6	1.7	1.7	1.9	2.6	2.1	1.8	1.8	2.0	1.7	1.5	24	2.6
31	1.4	1.4	1.5	1.3	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.8	5.8	17.0	5.4	1.6	3.6	1.5	1.2	1.2	1.0	.9	1.1	24	17.0
NO.:	31	31	31	31	31	31	31	31	30	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	3.0	4.9	12.9	26.7	41.8	2.6	24.4	30.1	12.5	15.9	14.0	3.6	6.0	6.5	17.0	5.4	3.8	3.6	7.4	12.3	4.5	4.6	13.1	3.9		
AVG:	1.35	1.49	1.72	2.31	2.62	1.30	2.10	2.89	2.08	2.00	2.17	1.47	1.63	1.81	1.98	1.75	1.51	1.53	1.63	1.78	1.51	1.51	1.91	1.59		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 1.82 MONTHLY MAX: 41.8

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.65214
LONGITUDE: -91.11689
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 434
PROBE HEIGHT: 5.49

SITE ID: 29-093-0034 POC: 1
COUNTY: (093) Iron
CITY: (00000) Not in a city
SITE ADDRESS: BUICK NE: 347 Power Lane
SITE COMMENTS: Was relocated from Bixby West. Doe Run Company purchased the Bixby West property f
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (138) SOUTHEAST MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: FOREST
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: NOVEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.0	1.0	1.0	1.1	1.0	1.0	.9	1.3	1.6	1.7	12.8	51.6	1.8	1.3	1.1	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.1	1.1	24	51.6
2	1.1	1.1	1.1	1.2	1.2	1.1	1.1	3.1	2.2	2.0	2.1	2.1	1.4	1.5	3.3	3.0	1.4	1.2	1.1	1.1	1.1	1.0	1.1	1.0	24	3.3
3	1.0	1.0	.9	1.0	1.0	1.0	1.1	1.1	1.0	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.1	24	1.1
4	1.0	1.0	.9	1.0	1.1	1.1	1.1	4.3	1.8	9.1	BF	5.5	11.3	1.6	1.1	1.0	1.1	1.2	1.1	1.1	1.0	1.3	1.5	1.5	23	11.3
5	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	.9	1.0	1.0	.9	.9	1.0	1.0	1.0	.9	1.3	1.1	.9	5.4	24	5.4
6	1.8	1.2	1.0	1.0	.9	.9	.9	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.1	1.2	1.2	1.3	1.4	1.2	1.2	1.2	1.2	1.1	24	1.8
7	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	2.2	1.8	1.3	1.2	1.3	1.2	1.4	1.3	1.3	1.4	1.9	1.5	24	2.2
8	1.5	1.5	1.6	1.6	1.5	1.6	1.9	2.1	2.1	1.8	1.5	1.7	1.6	1.5	1.6	1.6	1.7	1.8	2.1	2.3	2.3	2.3	3.2	3.3	24	3.3
9	2.2	1.9	2.0	2.2	2.4	2.5	2.5	3.0	2.2	1.7	1.8	1.8	1.8	2.4	3.4	3.4	2.1	1.8	1.7	1.8	1.9	2.5	3.9	4.5	24	4.5
10	3.7	2.7	2.3	2.2	2.1	2.1	2.0	1.9	1.9	2.1	2.2	4.0	1.7	1.7	1.7	1.6	1.7	1.8	2.1	2.5	2.1	2.1	1.9	1.9	24	4.0
11	1.6	1.7	1.7	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.4	1.4	1.5	1.3	1.2	1.2	1.2	1.2	1.2	13.7	4.2	1.4	1.5	1.3	24	13.7
12	1.3	1.3	1.3	1.3	1.2	1.3	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.4	24	1.5
13	1.4	1.5	1.5	1.6	1.5	1.4	1.5	1.4	1.6	1.8	1.7	1.6	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.5	1.6	16.1	1.7	1.6	24	16.1
14	1.5	1.5	1.6	1.7	11.3	26.8	12.4	9.5	1.6	1.5	3.1	1.6	2.2	11.0	9.2	8.3	6.5	2.8	1.5	1.4	1.7	1.9	1.8	1.8	24	26.8
15	2.9	2.9	2.4	4.8	2.4	1.8	1.7	1.7	1.6	1.8	2.3	2.5	2.6	2.6	3.0	2.6	2.2	2.4	2.5	2.8	2.8	2.7	2.8	2.5	24	4.8
16	2.1	1.7	1.7	1.6	1.5	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.2	1.3	24	2.1
17	1.4	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.0	1.1	1.1	24	1.4
18	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.1	1.2	BF	1.3	1.3	1.3	5.3	9.9	5.0	8.8	1.2	1.6	8.7	2.4	2.9	23.3	13.2	23	23.3
19	7.7	1.5	1.4	1.3	1.3	1.3	1.3	1.2	1.1	1.2	1.2	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.2	1.2	1.2	2.2	1.9	20.5	24	20.5
20	19.0	1.5	1.4	1.4	1.7	1.8	1.7	1.6	1.8	1.9	2.0	2.0	2.1	2.0	2.2	2.1	1.7	1.8	1.9	1.9	1.9	2.1	4.5	3.9	24	19.0
21	2.0	2.0	1.8	1.8	5.3	4.3	1.5	1.4	1.4	1.3	1.5	1.4	1.5	1.3	1.3	1.4	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	24	5.3
22	1.5	1.6	1.6	1.5	1.5	1.6	1.6	2.3	6.5	21.7	29.6	4.7	4.4	3.6	5.1	1.5	1.5	1.5	1.5	1.6	1.5	1.8	2.2	2.2	24	29.6
23	2.1	34.0	33.4	4.1	1.9	1.9	1.9	1.8	1.7	1.8	1.6	1.6	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.7	1.6	2.9	2.2	1.7	24	34.0
24	15.9	1.8	6.0	2.7	1.7	1.6	1.7	1.5	1.6	1.8	1.7	1.6	1.5	1.5	1.7	2.3	1.7	1.5	1.7	1.6	1.7	1.8	1.8	1.8	24	15.9
25	1.7	1.7	1.6	1.6	1.7	2.0	2.2	2.3	2.1	2.0	2.0	1.8	1.7	1.7	1.6	1.5	1.5	1.6	1.7	1.8	1.8	1.8	1.8	1.8	24	2.3
26	1.7	1.8	1.5	1.6	1.5	1.5	1.6	1.5	1.5	1.6	1.5	1.5	1.4	1.3	1.2	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	24	1.8
27	1.4	1.4	1.4	1.2	1.3	1.3	1.2	1.2	1.2	1.1	1.2	1.2	1.1	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	24	1.4
28	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.3	1.2	1.2	1.1	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.3	24	1.3
29	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.3	1.2	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.3	1.3	1.3	1.3	24	1.3
30	1.3	1.3	1.3	1.2	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.4	1.5	1.4	1.5	1.3	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	24	1.5
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	19.0	34.0	33.4	4.8	11.3	26.8	12.4	9.5	6.5	21.7	29.6	51.6	11.3	11.0	9.9	8.3	8.8	2.8	2.5	13.7	4.2	16.1	23.3	20.5		
AVG:	2.85	2.58	2.64	1.64	1.89	2.37	1.81	1.92	1.67	2.45	2.92	3.46	1.93	1.98	2.19	1.87	1.82	1.43	1.45	2.12	1.61	2.13	2.49	2.88		

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 2.17 MONTHLY MAX: 51.6

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 37.65214
LONGITUDE: -91.11689
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 434
PROBE HEIGHT: 5.49

SITE ID: 29-093-0034 POC: 1
COUNTY: (093) Iron
CITY: (00000) Not in a city
SITE ADDRESS: BUICK NE: 347 Power Lane
SITE COMMENTS: Was relocated from Bixby West. Doe Run Company purchased the Bixby West property f
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (138) SOUTHEAST MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: FOREST
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: DECEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	BF	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	23	1.4
2	2.0	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.4	1.4	1.5	1.4	1.4	1.5	24	2.0
3	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.6	1.6	1.5	1.4	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.6	1.7	1.5	24	1.7
4	1.5	1.5	1.6	1.6	1.7	1.7	1.6	1.6	1.8	2.0	2.1	1.7	1.6	1.7	1.6	1.6	1.6	1.5	1.7	2.0	2.7	3.5	3.9	4.6	24	4.6
5	6.6	6.6	5.1	4.9	5.0	4.9	4.1	3.7	3.0	2.6	2.6	2.6	3.7	2.1	1.8	1.8	1.7	1.8	1.9	1.9	1.9	2.0	1.9	1.9	24	6.6
6	1.9	1.9	1.8	2.0	2.3	2.2	1.9	2.3	2.1	2.1	2.0	2.0	2.0	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.6	1.7	1.6	24	2.3
7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.4	4.1	24.0	41.7	13.5	19.1	17.2	5.4	2.1	2.0	1.9	2.1	2.1	2.0	1.9	2.2	24	41.7
8	2.1	2.0	1.9	1.8	1.8	1.8	1.6	1.6	1.7	1.6	1.8	2.0	2.0	2.0	2.0	2.3	2.3	2.1	2.5	2.3	2.2	1.9	2.0	2.0	24	2.5
9	8.3	2.1	1.9	1.7	1.7	1.6	1.6	1.7	1.9	1.8	1.8	1.6	1.9	1.8	1.5	1.5	1.6	4.4	1.7	1.7	1.6	1.6	1.5	1.5	24	8.3
10	1.5	1.5	1.5	1.6	1.7	1.7	1.6	1.5	1.6	1.6	1.6	1.6	10.4	2.3	9.2	3.9	1.9	1.8	2.1	2.2	2.4	2.2	2.0	2.0	24	10.4
11	2.1	1.7	1.5	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.4	24	2.1
12	1.3	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.2	1.3	1.2	1.3	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.1	1.2	24	1.4
13	1.2	1.1	1.1	1.1	1.2	1.4	1.2	1.3	1.2	1.1	1.1	1.2	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.1	1.1	1.1	4.7	1.3	24	4.7
14	1.1	7.1	7.9	1.5	1.3	1.3	1.4	1.2	1.2	1.2	1.4	4.7	1.5	1.3	1.3	1.3	1.5	1.6	1.5	1.4	1.4	1.4	1.3	1.4	24	7.9
15	1.3	1.3	1.4	1.3	1.4	1.4	1.5	1.4	1.5	1.4	1.6	BF	BC	.3	.2	.1	.1	.1	.2	.4	.4	.4	.5	.5	22	1.6
16	1.6	.3	-.1	.1	.1	.0	.1	.3	4.8	5.3	.1	.3	.3	.0	.1	.2	.1	.1	.2	.2	.2	.2	.2	.2	24	5.3
17	.3	.3	.3	.3	.4	.3	.3	.4	.4	.7	.9	.8	.9	.7	.6	.5	.4	.4	.4	.4	.2	.1	.2	.2	24	.9
18	.2	.1	.2	.2	.4	.4	.4	.5	.5	.4	.3	.3	.3	.2	.2	.1	.3	4.3	.8	.3	.4	.8	.6	.7	24	4.3
19	.7	.8	.8	.9	.8	.8	.7	.8	.8	.7	1.7	5.0	1.2	.4	.6	.5	.5	.7	.5	.5	.4	.4	.4	.5	24	5.0
20	.5	.5	.5	.5	.5	.5	.4	.5	.4	.5	.5	.6	.7	.7	1.0	1.1	.7	.6	.5	.4	.5	.4	.3	.2	24	1.1
21	.2	.2	.2	.2	.2	.1	.1	.1	.1	1.2	.7	4.3	2.9	3.7	.1	.0	.1	.2	.1	.0	.1	.0	.0	.0	24	4.3
22	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	AV	AV	AV	.1	-.2	-.3	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.2	21	.1
23	-.1	-.2	-.2	-.1	-.1	.9	.0	7.7	.9	.4	AV	AV	AV	AV	AV	10.5	15.8	1.1	-.1	.0	.0	-.1	-.2	.0	19	15.8
24	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	.3	.4	.4	.3	.1	.1	.2	.2	.1	.3	.1	-.1	-.1	24	.4
25	-.1	.0	.0	-.1	-.1	.0	-.1	.3	.7	.4	1.1	.9	.3	.3	.3	.5	.7	.5	.7	1.0	1.0	.7	.9	.8	24	1.1
26	.6	.6	.5	.4	.3	.2	.2	.0	-.1	.0	-.1	.0	.0	-.2	1.0	2.3	.2	.0	-.2	-.2	-.1	-.1	-.2	-.2	24	2.3
27	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.1	-.1	.1	.0	.0	24	.1
28	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	.0	2.6	14.8	8.3	11.1	1.4	.3	.1	.0	-.1	.0	.0	24	14.8
29	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	.0	.7	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	24	.7
30	-.1	-.1	.0	-.1	-.1	.0	-.1	-.1	.0	-.1	.0	.0	BF	.7	.7	.7	.7	.8	.9	.9	.9	.8	.9	.9	23	.9
31	.9	1.0	1.0	.9	1.0	1.0	.9	.9	1.1	.9	1.0	.9	.9	1.0	.9	.8	1.0	.9	.9	.9	.9	1.1	1.3	1.2	24	1.3
NO.:	31	31	31	31	31	31	31	31	31	30	29	28	27	30	30	31	31	31	31	31	31	31	31	31		
MAX:	8.3	7.1	7.9	4.9	5.0	4.9	4.1	7.7	4.8	5.3	24.0	41.7	13.5	19.1	17.2	10.5	15.8	4.4	2.5	2.3	2.7	3.5	4.7	4.6		
AVG:	1.27	1.19	1.15	.92	.93	.96	.86	1.13	1.07	1.17	1.80	2.82	1.92	1.70	2.18	1.70	1.73	1.15	.90	.90	.94	.93	1.05	.97		

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: 1.29 MONTHLY MAX: 41.7

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.1047583690
LONGITUDE: -94.570795594
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 296
PROBE HEIGHT:

SITE ID: 29-095-0034 POC: 1
COUNTY: (095) Jackson
CITY: (38000) Kansas City
SITE ADDRESS: TROOST: 724 Troost (Rear), Kansas City, MO 64106
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (094) METROPOLITAN KANSAS CITY
URBANIZED AREA: (3760) KANSAS CITY, MO-KS
LAND USE: COMMERCIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JANUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.2	1.1	1.1	1.2	1.0	1.1	1.0	1.0	1.0	1.1	1.1	1.0	1.1	1.2	1.1	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.1	24	1.3
2	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.4	1.4	1.4	1.6	1.5	1.7	1.4	1.3	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.0	24	1.7
3	1.0	1.0	1.0	1.0	1.2	1.2	1.1	1.0	1.0	1.1	1.2	1.7	2.3	10.8	23.0	28.0	29.2	14.7	4.6	8.0	9.5	4.5	27.2	P97.3	24	97.3
4	60.9	P82.5	21.6	50.6	34.9	P75.5	P123.	P113.	P112.	P148.	P125.	50.7	58.0	36.4	P79.1	29.5	23.7	8.5	4.9	23.0	17.7	13.7	9.7	9.9	24	148.9
5	18.9	18.0	10.5	9.7	3.2	3.2	3.6	2.9	2.9	2.7	2.4	2.2	1.9	2.2	2.2	2.7	1.9	1.8	1.8	1.9	2.0	1.9	2.0	2.1	24	18.9
6	2.3	3.1	61.7	39.8	65.0	42.8	4.4	2.7	2.5	2.3	5.8	16.7	20.1	22.1	14.5	25.5	3.2	7.4	3.8	2.3	5.4	2.3	1.9	1.9	24	65.0
7	2.1	1.8	1.7	1.5	1.6	1.7	1.5	1.6	1.5	1.6	1.6	1.6	2.2	13.0	7.1	2.2	7.8	19.1	2.3	2.8	3.4	11.0	3.7	3.4	24	19.1
8	2.2	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.3	1.5	1.6	1.8	1.4	1.4	1.5	1.5	1.6	1.8	10.3	27.0	3.0	13.2	32.5	24	32.5
9	14.5	16.8	P78.0	P142.	P110.	P100.	P82.9	27.3	39.7	54.3	33.3	P76.7	P81.1	P97.1	64.5	44.5	15.1	3.3	2.4	2.0	2.1	2.1	1.8	2.0	24	142.0
10	1.9	2.0	1.7	1.7	1.9	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.6	2.3	2.0	1.9	2.1	2.0	2.0	1.7	1.6	1.7	1.9	2.1	24	2.3
11	2.0	2.0	2.0	1.9	1.9	2.0	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.2	2.2	2.4	2.2	1.9	1.9	1.8	2.0	1.9	1.9	1.7	24	2.4
12	1.7	1.6	1.6	1.5	1.6	1.6	1.4	1.5	1.4	1.4	1.5	1.5	1.8	1.5	1.4	BF	1.5	1.4	1.4	1.3	1.3	1.2	1.1	1.3	23	1.8
13	1.1	1.1	1.1	1.2	1.1	1.1	1.2	.9	1.2	BL	1.6	1.9	2.0	1.9	2.1	2.5	2.2	2.0	1.8	1.7	1.5	1.4	1.4	1.6	23	2.5
14	1.4	1.4	1.4	1.5	1.4	1.4	1.6	1.6	1.7	1.7	1.8	1.8	1.8	2.0	2.1	2.0	1.8	1.7	1.6	1.6	1.5	1.5	1.6	1.5	24	2.1
15	1.5	1.6	1.7	1.4	1.3	1.4	1.3	1.6	2.0	2.0	3.1	3.0	2.1	2.0	1.9	2.7	2.7	1.8	1.7	1.5	1.8	2.1	1.7	2.1	24	3.1
16	1.9	1.9	2.2	2.5	2.3	2.7	2.4	2.1	2.3	1.9	1.7	1.4	1.5	1.7	1.6	1.3	1.2	1.2	1.4	1.5	1.5	1.5	1.4	1.2	24	2.7
17	1.3	1.3	1.2	1.4	1.3	1.4	1.4	1.4	1.4	1.5	1.7	27.2	P107.	P103.	P77.9	P100.	31.7	29.4	10.7	5.9	6.2	2.1	1.9	1.6	24	107.2
18	1.3	1.3	1.2	1.5	1.8	1.6	1.7	2.0	2.5	2.2	2.0	1.7	1.5	1.5	1.4	1.5	2.0	3.2	1.6	1.4	2.3	2.3	3.4	2.8	24	3.4
19	2.9	4.0	3.0	2.4	1.7	1.7	2.5	2.8	2.9	2.9	3.7	3.2	2.9	1.5	1.4	1.3	2.3	2.6	28.7	4.1	2.8	2.6	6.1	15.8	24	28.7
20	8.1	3.8	3.0	2.5	3.1	4.7	4.0	3.9	4.3	2.5	2.0	2.0	1.9	1.6	1.8	1.4	1.4	1.4	1.3	1.8	2.1	3.2	1.6	1.4	24	8.1
21	1.6	1.9	1.5	2.0	3.4	4.7	3.8	2.0	1.8	4.0	12.9	9.0	3.3	9.6	31.2	21.9	43.5	9.0	2.7	2.2	2.2	2.1	1.8	1.9	24	43.5
22	2.0	1.7	1.6	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.6	1.5	1.5	3.4	32.8	4.4	14.7	2.3	1.8	1.9	1.8	1.9	2.0	2.0	24	32.8
23	1.9	1.7	1.3	1.3	1.4	1.2	1.2	1.2	1.2	1.2	1.8	1.7	1.6	1.4	1.3	1.4	1.4	1.2	1.2	1.2	1.1	1.2	1.3	2.5	24	2.5
24	4.3	3.2	3.7	3.9	2.2	2.0	1.5	1.3	1.2	1.3	1.8	1.9	1.9	1.8	1.3	1.3	1.2	1.5	1.3	1.2	1.2	1.5	1.5	1.3	24	4.3
25	1.3	1.4	1.3	1.3	1.4	12.1	P110.	54.2	P110.	P132.	49.6	15.0	9.0	3.5	3.1	2.8	2.3	2.2	1.9	2.0	1.9	1.7	1.4	1.3	24	132.0
26	1.3	1.7	1.8	1.4	1.4	1.1	1.2	1.1	1.3	1.4	1.8	1.9	1.8	1.8	13.2	P102.	49.7	8.6	3.3	3.0	3.7	3.4	4.3	5.8	24	102.8
27	3.3	2.2	1.9	2.0	2.0	2.4	3.0	3.2	3.2	2.1	3.1	2.2	2.2	7.3	2.7	1.3	1.6	BF	1.5	1.5	1.5	1.6	1.5	1.4	23	7.3
28	1.4	1.4	1.5	1.4	1.3	1.2	1.3	1.5	1.6	1.7	1.6	1.8	1.7	1.6	1.5	1.6	1.6	1.5	1.6	1.4	1.4	1.4	4.0	P84.7	24	84.7
29	P130.	66.7	36.2	20.6	63.0	56.0	39.7	23.5	6.7	3.7	5.0	3.5	2.5	3.3	17.5	21.6	46.1	5.1	3.1	2.2	3.0	2.2	1.9	2.4	24	130.9
30	2.1	1.6	1.6	1.4	1.7	1.6	1.5	1.3	1.2	1.7	4.8	3.4	6.9	65.6	74.9	47.0	4.2	3.0	2.6	1.8	1.7	1.7	1.7	1.6	24	74.9
31	1.6	1.7	1.6	1.6	1.5	1.4	1.5	1.5	1.4	1.4	1.2	1.3	1.3	1.2	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.0	1.1	1.1	24	1.7
NO.:	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	30	31	30	31	31	31	31	31	31		
MAX:	130.9	82.5	78.0	142.0	110.1	100.3	123.3	113.2	112.2	148.9	125.8	76.7	107.2	103.4	79.1	102.8	49.7	29.4	28.7	23.0	27.0	13.7	27.2	97.3		
AVG:	9.07	7.56	8.15	9.88	10.32	10.80	13.15	8.58	10.26	12.87	9.09	7.88	10.65	13.16	15.19	15.38	9.79	4.77	3.24	3.12	3.70	2.65	3.49	9.36		

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

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 8.83 MONTHLY MAX: 148.9

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.1047583690
LONGITUDE: -94.570795594
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 296
PROBE HEIGHT:

SITE ID: 29-095-0034 POC: 1
COUNTY: (095) Jackson
CITY: (38000) Kansas City
SITE ADDRESS: TROOST: 724 Troost (Rear), Kansas City, MO 64106
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (094) METROPOLITAN KANSAS CITY
URBANIZED AREA: (3760) KANSAS CITY, MO-KS
LAND USE: COMMERCIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: FEBRUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.2	1.6	16.3	10.5	30.2	P95.8	P144.	P149.	P117.	P105.	P85.7	17.8	5.2	14.7	14.2	4.3	3.1	24	149.8
2	2.5	17.9	34.2	P85.6	21.3	14.0	16.2	9.7	9.1	16.2	8.4	3.2	2.6	2.7	2.3	2.2	2.4	2.8	2.6	2.5	2.2	2.2	2.1	2.1	24	85.6
3	2.1	1.9	1.8	1.6	1.8	1.7	1.8	2.0	1.9	1.9	2.2	2.0	2.1	1.9	2.0	1.9	1.8	1.9	2.1	2.1	2.0	1.9	1.8	2.1	24	2.2
4	1.9	2.0	1.7	1.7	1.6	1.6	1.5	1.4	1.3	1.4	1.2	1.2	1.1	1.2	1.5	1.8	1.6	1.7	1.4	1.5	1.6	1.4	1.2	1.0	24	2.0
5	1.1	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.8	1.5	1.6	1.4	1.7	1.5	1.6	1.8	1.4	1.5	1.5	1.3	1.4	1.5	1.4	1.4	24	1.8
6	1.5	1.6	1.7	1.7	1.6	1.5	1.6	1.5	1.6	1.7	2.1	1.9	1.8	1.9	1.8	1.7	1.7	1.9	1.8	1.7	1.7	1.6	1.6	1.5	24	2.1
7	1.5	1.4	1.5	1.3	1.3	1.3	1.3	1.4	1.4	1.6	2.4	2.4	2.1	1.8	1.9	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6	24	2.4
8	1.5	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.8	71.7	39.2	25.8	40.3	53.2	24.4	30.0	22.5	3.7	3.7	2.9	3.2	2.1	1.7	1.5	24	71.7
9	1.4	1.5	1.3	1.3	1.2	1.1	1.2	1.4	1.2	1.3	1.2	1.2	1.4	1.4	1.4	1.3	BF	1.6	1.8	1.6	1.4	1.2	1.3	1.2	23	1.8
10	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.2	1.1	1.2	1.4	1.3	1.3	1.3	1.3	1.2	1.3	2.2	3.7	2.2	1.7	1.6	1.5	1.4	24	3.7
11	2.0	2.0	5.1	9.8	5.8	3.2	2.2	1.9	1.6	1.6	2.1	2.0	2.0	1.8	9.0	11.1	13.2	12.9	6.2	14.6	12.7	14.8	8.6	20.7	24	20.7
12	39.6	9.4	2.8	2.6	2.1	2.0	1.8	2.3	2.0	1.7	1.5	1.3	1.4	1.3	2.9	2.7	2.1	2.1	1.7	3.1	1.9	1.4	1.4	3.1	24	39.6
13	1.9	1.4	1.5	1.6	1.6	1.5	1.4	1.6	1.5	1.6	1.7	2.2	2.1	1.6	2.5	7.6	1.8	1.9	2.2	1.9	1.8	2.0	2.0	1.9	24	7.6
14	2.2	2.3	2.1	2.5	2.5	4.5	3.2	2.6	2.0	1.6	1.6	1.5	1.4	1.2	1.3	1.3	1.2	1.2	1.3	1.3	1.2	1.1	1.7	1.8	24	4.5
15	2.3	4.5	2.5	4.7	6.0	5.7	6.1	6.1	3.4	1.9	2.2	1.8	1.9	2.2	1.7	1.3	1.8	2.9	4.0	5.2	1.7	1.3	1.2	1.3	24	6.1
16	1.4	1.2	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	2.9	11.6	17.3	54.6	45.8	17.7	38.8	10.5	2.8	2.2	2.1	2.1	2.3	2.0	24	54.6
17	2.0	1.9	1.8	1.7	3.7	13.2	2.9	2.2	2.1	2.2	19.8	32.1	33.7	25.1	19.4	6.6	4.0	18.3	29.4	14.0	4.7	2.1	2.4	34.6	24	34.6
18	32.8	35.5	8.2	6.1	69.2	57.1	P142.	67.8	P100.	P76.2	51.3	67.8	70.3	74.5	59.4	72.6	70.1	57.9	23.8	4.9	4.0	3.5	3.8	3.1	24	142.8
19	2.9	2.6	2.9	2.4	2.7	3.0	2.7	2.7	3.3	2.6	3.4	2.7	2.3	2.3	2.0	2.0	2.0	1.9	2.0	1.8	1.7	1.5	1.5	1.5	24	3.4
20	1.5	1.5	1.4	1.5	1.5	1.5	1.7	1.9	2.1	2.5	2.5	2.8	2.8	2.4	2.5	2.3	2.2	1.9	1.8	1.6	1.5	1.5	1.6	1.4	24	2.8
21	1.6	1.6	1.8	1.6	1.6	1.6	1.7	1.8	1.6	9.4	23.1	4.8	2.9	2.5	2.3	2.1	2.4	2.8	2.4	2.0	1.7	1.6	1.5	1.4	24	23.1
22	1.5	1.3	1.3	1.4	1.4	1.5	1.8	1.7	1.4	1.6	2.0	1.4	1.6	1.7	1.3	1.3	1.4	1.3	1.4	1.3	1.3	1.2	1.3	1.2	24	2.0
23	1.2	1.3	1.3	1.2	1.3	1.3	1.4	1.4	1.4	1.3	1.4	1.2	1.5	1.5	1.9	10.9	23.9	10.3	7.2	4.6	2.6	2.7	2.5	2.2	24	23.9
24	1.7	1.4	1.3	1.3	1.3	1.4	1.3	1.3	1.2	1.2	1.4	1.3	1.5	1.6	1.6	8.2	23.4	19.0	2.5	2.2	1.9	1.8	2.3	2.1	24	23.4
25	2.1	2.2	2.7	2.6	2.3	1.8	2.0	1.9	2.0	1.9	1.6	1.5	1.4	1.4	1.5	1.4	1.6	19.5	45.3	4.5	2.0	1.8	1.7	1.7	24	45.3
26	1.6	1.7	1.6	1.5	1.7	1.5	1.4	1.4	2.3	1.6	1.8	1.7	1.6	BF	BF	BF	2.0	2.0	2.3	2.4	1.8	2.4	2.1	1.8	21	2.4
27	1.5	1.3	1.2	1.3	1.2	1.3	1.4	1.4	1.4	1.6	2.4	1.6	1.4	1.6	2.7	2.5	1.8	4.7	4.9	1.6	1.5	1.4	1.4	1.4	24	4.9
28	1.5	1.3	1.2	1.2	1.4	1.4	1.4	1.4	1.6	1.5	1.4	1.6	1.5	1.5	1.7	1.6	1.4	1.5	1.5	1.5	1.3	1.3	1.2	1.2	24	1.7
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	28	28	28	27	27	27	27	28	28	28	28	28	28	28		
MAX:	39.6	35.5	34.2	85.6	69.2	57.1	142.8	67.8	100.4	76.2	51.3	67.8	95.8	144.0	149.8	117.3	105.8	85.7	45.3	14.6	14.7	14.8	8.6	34.6		
AVG:	4.18	3.76	3.18	5.16	5.08	4.68	7.40	4.49	5.56	8.16	6.94	7.55	10.67	14.43	12.87	11.64	12.42	9.91	6.45	3.33	2.82	2.67	2.11	3.62		

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

MONTHLY OBSERVATIONS: 668 MONTHLY MEAN: 6.59 MONTHLY MAX: 149.8

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.1047583690
LONGITUDE: -94.570795594
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 296
PROBE HEIGHT:

SITE ID: 29-095-0034 POC: 1
COUNTY: (095) Jackson
CITY: (38000) Kansas City
SITE ADDRESS: TROOST: 724 Troost (Rear), Kansas City, MO 64106
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (094) METROPOLITAN KANSAS CITY
URBANIZED AREA: (3760) KANSAS CITY, MO-KS
LAND USE: COMMERCIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: MARCH 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.3	1.4	1.4	1.5	1.6	1.8	2.3	1.9	2.2	29.9	37.7	55.7	55.8	29.9	38.6	13.4	21.9	20.3	3.8	2.6	2.2	2.1	2.3	2.7	24	55.8
2	2.9	3.0	3.2	3.2	3.4	3.5	3.9	3.0	2.3	2.2	2.2	1.9	1.9	1.8	1.9	1.4	1.7	1.7	1.8	2.1	1.9	1.7	1.6	1.4	24	3.9
3	1.5	1.3	1.2	1.2	1.2	1.3	1.4	1.5	1.5	1.4	1.7	1.8	1.9	51.2	46.5	8.8	3.8	3.4	2.5	2.1	1.9	1.8	1.8	1.7	24	51.2
4	1.7	1.6	1.5	1.6	1.4	1.3	1.3	1.3	1.3	1.4	1.5	1.4	1.2	1.6	1.6	1.4	1.5	2.1	2.1	1.6	1.9	2.5	1.4	1.3	24	2.5
5	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.7	2.2	1.9	4.2	2.5	23.1	72.2	26.5	13.9	51.5	4.8	2.3	1.8	1.8	1.7	1.7	1.8	24	72.2
6	1.7	1.7	1.8	1.5	1.6	1.7	1.6	1.6	1.7	1.6	1.5	1.6	1.6	1.5	1.6	1.5	1.6	1.4	1.5	1.3	1.4	1.6	1.6	1.7	24	1.8
7	1.7	1.9	1.7	1.6	1.6	1.5	1.7	1.7	1.8	1.8	1.6	1.6	1.8	1.7	8.7	9.6	11.0	1.9	1.6	1.6	1.7	1.7	1.9	1.6	24	11.0
8	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	10.2	4.3	2.0	1.6	1.6	1.5	1.6	1.6	1.5	1.8	1.6	1.7	1.4	1.3	24	10.2
9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.7	2.3	2.2	2.4	1.9	1.8	1.7	2.0	1.9	1.9	2.0	2.0	1.9	1.9	1.9	1.8	24	2.4
10	1.6	1.5	1.4	1.4	1.4	1.5	1.5	1.5	1.7	14.3	71.7	4.8	6.8	5.2	11.2	10.5	5.1	1.9	2.1	2.1	2.0	1.8	1.7	1.8	24	71.7
11	1.8	2.1	1.8	1.7	1.6	1.7	3.3	4.9	3.9	4.0	11.4	8.0	5.7	3.9	22.9	10.1	1.8	1.7	1.6	1.8	2.3	4.1	5.2	3.9	24	22.9
12	3.1	2.7	2.0	1.7	1.6	1.6	1.9	2.1	BF	BC	BC	1.4	1.5	1.4	1.5	1.6	1.4	1.3	1.4	1.3	1.3	1.3	1.5	1.6	21	3.1
13	1.7	1.7	1.5	1.3	1.6	2.0	2.4	2.6	2.7	3.8	3.6	2.8	2.0	1.7	1.7	1.7	1.6	1.6	1.7	2.8	1.4	1.3	1.3	1.3	24	3.8
14	1.2	1.2	1.3	1.4	1.5	1.3	1.2	1.3	1.3	1.4	1.2	1.2	1.3	1.2	1.2	1.2	1.4	1.1	1.2	1.5	3.0	2.8	3.1	2.9	24	3.1
15	2.4	1.8	1.7	1.6	1.5	1.6	1.5	2.0	1.8	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.6	1.8	1.7	1.5	1.8	1.8	1.6	24	2.4
16	1.8	1.6	1.5	1.4	1.3	1.2	1.2	1.4	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.4	1.4	1.4	1.4	1.6	1.4	2.7	1.6	24	2.7
17	1.6	1.2	1.2	1.1	1.1	1.0	1.0	1.1	1.2	1.3	1.2	1.2	1.3	1.2	1.1	1.3	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	24	1.6
18	1.8	1.8	2.1	1.6	1.6	2.2	2.2	1.7	1.6	1.6	1.6	1.6	1.4	1.0	1.1	1.0	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.0	24	2.2
19	1.1	1.0	1.0	1.1	1.0	1.0	1.1	1.1	1.1	1.0	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.1	1.0	1.1	24	1.2
20	1.1	1.0	1.0	.9	1.1	1.4	1.5	1.3	1.4	P75.7	P120.	33.7	21.7	6.4	2.7	1.6	1.6	1.7	1.9	2.0	1.8	1.6	1.6	1.7	24	120.3
21	1.5	1.5	1.5	1.3	1.3	1.5	1.5	1.7	21.8	4.6	3.9	2.9	1.6	1.4	1.4	1.3	1.3	1.4	1.2	2.8	2.4	2.3	1.8	1.7	24	21.8
22	1.5	1.4	1.3	1.2	1.3	1.3	2.9	3.9	2.9	3.3	2.5	3.3	5.0	4.8	2.2	1.6	1.5	1.4	1.5	1.5	1.4	1.5	1.8	1.9	24	5.0
23	1.7	1.7	2.2	2.1	1.9	5.1	5.4	9.3	29.2	P96.1	37.2	4.5	27.9	1.9	1.7	2.6	2.2	2.8	1.7	1.5	1.6	1.6	1.8	1.9	24	96.1
24	1.6	1.5	1.4	1.3	1.2	1.2	1.2	1.1	1.2	1.3	1.7	2.4	1.5	1.8	1.4	1.4	1.3	2.3	1.2	2.4	5.9	3.6	1.6	1.5	24	5.9
25	4.9	11.0	3.4	1.5	1.4	6.7	8.4	2.4	9.6	6.6	11.8	2.8	2.1	1.7	1.6	1.4	1.3	1.2	1.2	1.1	1.1	1.4	1.6	2.5	24	11.8
26	1.9	1.3	1.2	1.2	1.1	2.2	1.6	BF	BF	1.1	1.1	22.3	27.9	50.8	29.8	36.8	31.2	44.1	13.3	3.3	3.0	2.2	1.2	1.1	22	50.8
27	1.2	1.1	1.0	1.0	1.2	1.3	2.0	1.6	1.5	1.6	28.4	2.9	25.5	44.0	17.1	1.4	12.3	20.5	26.7	24.7	22.7	9.0	2.2	1.6	24	44.0
28	1.6	2.0	2.1	2.0	1.8	1.6	1.4	1.4	1.4	1.3	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.5	1.3	1.5	1.4	1.3	1.4	24	2.1
29	1.5	1.3	1.2	1.2	1.2	1.2	1.3	11.3	2.0	2.1	1.9	1.9	1.9	8.9	70.8	31.0	19.8	11.4	3.9	1.6	2.5	9.7	3.0	2.5	24	70.8
30	2.1	1.8	1.7	1.7	1.8	2.1	3.3	2.6	2.0	1.7	1.5	1.5	1.4	1.4	1.4	1.3	1.4	1.5	1.5	1.4	1.4	1.5	1.8	2.3	24	3.3
31	2.3	2.3	2.4	15.9	18.2	4.1	2.3	1.6	1.4	4.2	3.9	3.0	2.0	1.7	1.9	1.8	3.0	3.5	1.4	1.4	1.4	1.3	1.3	1.3	24	18.2
NO.:	31	31	31	31	31	31	31	30	29	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	4.9	11.0	3.4	15.9	18.2	6.7	8.4	11.3	29.2	96.1	120.3	55.7	55.8	72.2	70.8	36.8	51.5	44.1	26.7	24.7	22.7	9.7	5.2	3.9		
AVG:	1.80	1.92	1.64	1.95	2.02	1.94	2.14	2.45	3.71	9.13	12.43	5.82	7.57	9.96	9.88	5.42	6.19	4.72	2.93	2.51	2.56	2.31	1.85	1.76		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 4.35 MONTHLY MAX: 120.3

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

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

(42401) Sulfur dioxide

SITE ID: 29-095-0034 POC: 1
COUNTY: (095) Jackson
CITY: (38000) Kansas City
SITE ADDRESS: TROOST: 724 Troost (Rear), Kansas City, MO 64106
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (094) METROPOLITAN KANSAS CITY
URBANIZED AREA: (3760) KANSAS CITY, MO-KS
LAND USE: COMMERCIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 39.1047583690
LONGITUDE: -94.570795594
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 296
PROBE HEIGHT:

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: APRIL 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.3	1.3	1.3	1.7	1.6	1.7	2.2	1.8	2.7	2.7	2.0	1.7	1.8	1.7	1.5	1.4	1.5	1.4	1.7	1.7	1.8	1.8	1.5	1.4	24	2.7
2	1.4	1.7	4.8	1.7	1.4	1.3	2.5	3.4	5.8	3.3	3.9	2.4	1.5	1.4	1.6	1.6	1.2	1.3	1.3	1.2	1.2	1.1	1.1	1.3	24	5.8
3	1.2	15.6	2.0	1.3	1.2	1.4	1.3	1.4	1.6	1.4	1.6	10.7	10.9	34.2	2.5	2.4	16.2	4.2	13.2	15.4	3.3	2.5	2.6	1.9	24	34.2
4	1.9	1.8	1.4	1.3	1.5	1.4	1.7	1.7	1.8	1.5	1.2	1.2	1.2	1.2	1.2	1.3	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.2	24	1.9
5	1.1	1.2	1.2	1.1	1.3	1.4	1.3	1.4	1.5	1.4	1.4	1.5	1.5	1.5	1.3	1.3	1.5	1.3	1.3	1.2	1.1	1.1	1.2	1.1	24	1.5
6	1.1	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.2	1.1	1.1	1.2	1.2	1.2	1.3	1.2	1.1	1.2	1.2	1.2	1.2	1.4	1.3	1.2	24	1.4
7	1.2	1.3	2.1	1.9	1.9	1.7	2.4	3.2	2.4	2.3	BF	2.0	2.1	1.7	1.4	1.3	1.3	1.4	1.5	37.2	P77.7	30.4	11.5	17.5	23	77.7
8	20.4	7.7	9.0	5.3	2.5	1.9	1.7	1.6	2.4	2.4	2.1	2.6	3.8	3.0	2.5	2.2	1.9	1.6	1.4	1.3	1.2	1.2	1.4	1.1	24	20.4
9	1.2	1.0	.9	1.0	1.0	1.3	1.1	1.0	1.0	1.1	1.1	1.0	.9	.8	.8	.6	.6	.7	.6	7.8	65.5	P94.8	26.9	8.5	24	94.8
10	1.9	1.4	1.3	1.2	1.0	1.1	1.4	1.6	1.4	1.4	1.1	1.0	1.8	1.1	21.8	33.9	1.9	1.3	1.2	1.2	1.4	1.4	1.4	1.4	24	33.9
11	1.2	1.2	1.1	1.2	1.3	1.3	1.4	1.4	1.4	1.2	1.2	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.2	1.2	24	1.4
12	1.3	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.1	1.2	1.1	1.2	1.0	1.0	1.0	1.0	1.1	1.0	1.3	24	1.3
13	12.3	3.9	2.4	2.5	2.2	2.7	1.5	1.5	1.4	1.2	1.0	1.1	1.2	1.1	1.0	1.1	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0	24	12.3
14	.9	1.0	1.6	1.0	1.1	1.2	1.2	2.4	4.4	3.2	1.7	2.8	1.3	2.3	2.0	1.8	1.4	2.6	2.3	7.3	14.8	8.6	1.3	1.2	24	14.8
15	1.1	1.1	6.8	5.3	3.6	1.8	1.4	1.2	1.4	3.8	2.8	2.1	1.8	1.9	6.1	5.1	4.5	3.0	2.0	1.8	1.6	1.5	1.4	1.3	24	6.8
16	1.2	1.2	1.2	1.4	1.2	1.8	2.3	2.7	4.9	2.4	1.6	1.4	1.2	1.1	1.0	1.2	1.1	1.1	1.2	1.2	1.3	1.2	1.1	1.1	24	4.9
17	1.1	1.2	2.1	17.3	18.1	4.8	6.8	14.0	14.8	3.0	1.5	1.3	1.3	1.2	1.1	1.1	1.2	1.3	1.4	1.6	1.8	1.8	1.9	1.7	24	18.1
18	1.3	1.2	1.1	1.4	11.0	4.2	2.6	1.8	1.6	1.2	1.0	1.1	1.1	.9	1.0	1.0	.9	.9	1.0	.9	.9	.9	.9	.9	24	11.0
19	1.6	2.0	1.5	1.3	1.3	1.5	1.2	1.5	44.2	35.2	60.9	14.3	6.5	30.3	69.1	P110.	P107.	P94.2	P112.	23.9	13.5	47.6	65.7	4.9	24	112.0
20	45.9	34.3	41.8	31.2	15.7	10.0	17.7	52.5	68.2	67.7	74.7	36.4	35.3	4.0	54.8	67.0	24.5	1.5	1.5	1.2	1.3	1.3	1.9	1.7	24	74.7
21	1.6	2.1	2.7	2.6	2.5	2.1	2.9	1.8	1.6	11.5	14.7	BF	2.1	1.4	4.4	1.3	1.3	1.3	1.4	1.3	1.4	1.4	2.4	3.2	23	14.7
22	3.0	3.6	2.9	2.2	1.9	2.2	1.7	1.2	4.6	1.5	9.2	1.4	29.2	18.9	27.0	7.9	14.3	1.7	1.3	1.3	1.3	1.2	1.5	2.3	24	29.2
23	2.3	2.6	2.4	1.7	1.5	1.3	1.8	2.5	1.4	1.2	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.3	1.5	1.4	1.2	1.3	1.6	1.4	24	2.6
24	1.3	1.4	1.4	1.4	1.4	1.5	1.6	1.8	1.8	1.9	1.9	1.8	1.8	1.8	1.8	1.9	1.8	1.6	1.5	1.4	1.4	1.4	1.3	1.3	24	1.9
25	1.1	1.1	1.1	1.0	1.0	.9	1.4	6.0	20.3	10.0	2.3	2.3	50.5	3.3	2.2	1.8	1.7	1.4	1.2	1.1	1.1	1.1	1.0	.9	24	50.5
26	1.0	1.0	.9	.9	.9	.9	1.2	1.0	1.3	2.2	2.5	5.5	4.7	2.0	2.5	2.6	1.6	1.6	1.6	3.0	2.6	1.5	1.3	1.5	24	5.5
27	1.5	1.5	1.4	1.4	1.3	1.3	1.6	1.9	2.7	3.4	5.4	2.8	1.7	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.2	24	5.4
28	1.2	1.3	1.4	1.6	1.6	2.2	1.9	3.9	P83.7	P133.	38.8	1.6	1.5	1.3	1.6	3.8	1.2	1.2	1.3	1.3	1.3	2.1	2.3	2.1	24	133.1
29	2.2	1.8	3.5	2.5	6.6	5.2	52.0	P131.	P99.3	6.1	26.6	45.5	47.9	49.9	25.4	37.9	9.3	25.0	3.7	7.5	4.7	4.0	3.5	2.6	24	131.8
30	3.6	2.2	2.2	3.7	2.2	2.2	2.7	2.4	2.2	4.2	2.7	1.2	1.2	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.6	11.9	15.0	2.3	24	15.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	45.9	34.3	41.8	31.2	18.1	10.0	52.0	131.8	99.3	133.1	74.7	45.5	50.5	49.9	69.1	110.5	107.5	94.2	112.0	37.2	77.7	94.8	65.7	17.5		
AVG:	3.98	3.36	3.52	3.34	3.06	2.14	4.09	8.42	12.80	10.45	9.25	5.21	7.35	5.83	8.09	9.96	6.92	5.36	5.50	4.38	7.06	7.67	5.28	2.39		

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 6.06 MONTHLY MAX: 133.1

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

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.1047583690
LONGITUDE: -94.570795594
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 296
PROBE HEIGHT:

SITE ID: 29-095-0034 POC: 1
COUNTY: (095) Jackson
CITY: (38000) Kansas City
SITE ADDRESS: TROOST: 724 Troost (Rear), Kansas City, MO 64106
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (094) METROPOLITAN KANSAS CITY
URBANIZED AREA: (3760) KANSAS CITY, MO-KS
LAND USE: COMMERCIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: MAY 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	2.6	2.1	1.7	1.5	1.5	1.6	1.5	1.6	1.5	1.4	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	24	2.6
2	1.3	1.2	1.2	1.4	1.3	1.4	1.3	1.5	1.4	1.5	1.6	1.8	1.9	1.6	1.6	1.8	1.5	1.4	1.4	1.4	1.3	1.3	1.4	1.5	24	1.9
3	1.4	1.5	1.5	1.5	1.4	1.4	1.2	1.3	1.5	1.4	1.2	1.2	1.2	1.1	1.1	1.3	1.2	1.1	1.2	1.2	1.3	1.3	1.2	1.2	24	1.5
4	1.1	1.2	1.2	1.3	4.6	2.0	1.6	1.4	1.3	6.5	2.9	1.9	1.5	1.3	1.2	1.2	1.2	1.2	14.6	6.0	1.9	1.6	11.0	10.1	24	14.6
5	4.6	2.6	3.3	2.8	2.1	1.7	1.7	2.0	2.4	1.9	1.7	1.3	1.1	1.1	1.0	.9	1.0	1.0	1.1	1.2	1.1	1.0	1.1	1.1	24	4.6
6	1.1	1.1	1.1	1.1	1.1	1.0	.9	.9	1.0	BF	.9	1.0	.8	.8	.9	.9	.9	.9	.9	1.0	.9	.9	.9	.8	23	1.1
7	.7	.8	.8	.8	.9	.8	.9	.9	.9	1.0	.9	.9	.8	.9	.9	.8	.7	.8	.8	.8	.7	.8	.9	1.2	24	1.2
8	.9	.8	.5	.7	.8	1.4	1.4	1.4	1.3	1.3	1.5	1.5	35.9	9.1	38.3	46.3	11.5	3.8	2.5	1.7	1.4	1.2	1.1	1.1	24	46.3
9	1.0	.8	1.0	.9	.9	.8	.8	.9	1.0	1.5	2.6	2.3	2.4	2.3	1.7	1.6	1.4	1.1	1.0	1.1	1.0	1.0	.9	.8	24	2.6
10	.8	.8	.8	.7	.7	.7	.7	.7	.7	.8	.8	.7	.7	.7	.8	.8	.7	.8	.8	.8	.7	.7	.8	.8	24	.8
11	.7	.6	.7	.8	.7	.7	.8	1.8	.9	.9	.8	1.1	1.0	1.0	1.0	.9	.8	.8	.8	.9	2.1	6.3	4.8	1.4	24	6.3
12	1.0	1.0	.9	.9	1.1	1.1	1.7	1.8	P124.	65.6	46.5	12.4	13.8	22.7	30.5	1.4	2.4	1.7	2.6	1.8	1.3	1.3	1.2	1.2	24	124.7
13	1.1	.9	1.1	1.0	1.0	1.1	1.2	1.1	1.1	.9	1.3	3.4	2.1	1.2	1.1	1.2	1.5	1.5	5.7	2.8	1.3	1.2	1.2	1.0	24	5.7
14	.9	1.0	.8	.9	.8	.9	.9	.8	.7	.8	.8	.8	.9	.8	.9	.8	.9	.9	.8	.8	.8	.7	.8	.7	24	1.0
15	.7	.7	.8	.8	.7	.9	.9	.8	.6	.8	.7	.8	.7	.8	.7	.8	.8	.8	.7	.8	.8	.7	.7	.8	24	.9
16	.8	.8	.8	.7	.8	.7	.8	.7	.7	.8	.7	.8	.8	.7	.7	.8	.7	.6	.7	.7	.8	.8	.9	1.0	24	1.0
17	1.0	.9	.9	.7	.7	.7	.7	.7	.7	.9	.8	.8	.8	.8	.7	.7	.8	.7	.6	.7	.8	.8	.7	.7	24	1.0
18	.7	1.1	1.3	1.0	3.3	2.3	1.7	1.5	1.5	1.5	5.6	12.7	7.4	1.8	8.1	1.6	5.0	1.2	2.1	1.2	1.5	1.1	.9	.9	24	12.7
19	.8	.8	.7	.7	.8	.8	.8	.8	.9	.8	.8	.8	BF	1.3	1.3	2.2	1.0	.9	.9	.9	1.0	1.2	1.1	1.2	23	2.2
20	1.1	1.4	1.2	.9	.9	.8	.9	1.0	1.2	1.1	1.0	1.0	.9	1.0	.9	.9	.9	1.0	.9	.9	.8	.8	.8	.7	24	1.4
21	.8	.9	.9	.9	.9	.9	1.9	5.4	3.3	2.3	2.4	14.9	18.1	8.6	25.2	25.8	5.8	5.1	5.4	2.7	1.8	1.4	1.4	1.2	24	25.8
22	1.2	1.2	1.1	1.2	1.4	1.9	2.1	2.0	10.2	2.6	1.9	1.6	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	24	10.2
23	.9	1.1	1.0	1.1	.9	1.0	1.0	.9	1.1	1.0	1.0	1.0	1.0	1.0	.9	1.0	.9	.9	.8	.8	.8	.8	.7	.7	24	1.1
24	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.8	.7	.7	.8	.7	.7	.7	.8	.7	.8	.7	.8	.7	24	.8
25	.7	.6	.6	.8	.8	.7	.7	.8	.7	.7	.7	.7	.8	.8	.9	.8	.8	.8	.8	.8	.8	.8	.8	.8	24	.9
26	.8	1.2	1.6	1.7	5.7	3.7	1.8	1.5	1.5	1.4	1.4	1.3	1.1	1.1	1.0	1.1	1.0	.9	.9	.9	.9	1.0	1.1	1.1	24	5.7
27	1.1	1.4	1.7	2.2	2.5	2.2	2.3	P99.9	70.8	6.0	2.6	1.7	2.8	6.1	3.0	1.9	1.7	1.4	1.4	1.7	1.7	1.7	1.6	1.5	24	99.9
28	1.5	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.7	1.9	1.7	1.3	1.2	1.1	1.1	1.0	1.0	1.0	.9	.9	.8	.8	24	1.9
29	.8	.7	.7	.7	.6	.7	.7	.8	.7	.7	.8	.7	.8	.7	.8	.7	.7	.6	.8	.6	.8	.8	.7	.7	24	.8
30	.6	.7	.8	1.3	3.4	1.9	13.7	20.9	13.7	4.7	6.9	13.8	11.7	P85.1	12.9	9.9	3.6	2.5	2.2	2.4	3.0	2.6	2.0	1.5	24	85.1
31	1.2	1.1	1.0	.9	.9	.8	.8	.8	.9	1.0	.9	.9	6.1	1.1	.9	.9	.8	1.6	1.5	1.2	1.2	.9	.8	.8	24	6.1
NO.:	31	31	31	31	31	31	31	31	31	30	31	31	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	4.6	2.6	3.3	2.8	5.7	3.7	13.7	99.9	124.7	65.6	46.5	14.9	35.9	85.1	38.3	46.3	11.5	5.1	14.6	6.0	3.0	6.3	11.0	10.1		
AVG:	1.12	1.06	1.08	1.09	1.45	1.24	1.59	5.12	8.09	3.80	3.08	2.83	4.07	5.16	4.63	3.65	1.76	1.30	1.88	1.35	1.18	1.25	1.47	1.30		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 2.52 MONTHLY MAX: 124.7

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

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.1047583690
LONGITUDE: -94.570795594
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 296
PROBE HEIGHT:

SITE ID: 29-095-0034 POC: 1
COUNTY: (095) Jackson
CITY: (38000) Kansas City
SITE ADDRESS: TROOST: 724 Troost (Rear), Kansas City, MO 64106
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (094) METROPOLITAN KANSAS CITY
URBANIZED AREA: (3760) KANSAS CITY, MO-KS
LAND USE: COMMERCIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JUNE 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.7	.8	.8	.7	.8	.8	.8	.8	.8	.8	1.1	1.5	1.5	1.3	1.9	1.6	1.4	.9	.8	.8	.8	.7	.7	.8	24	1.9
2	.7	.7	.9	.8	.8	.8	.8	.8	.8	.9	.9	.8	.7	.8	.8	.7	.8	.8	.8	.7	.7	.9	.7	.8	24	.9
3	.8	.8	.8	.9	.9	.9	.9	.9	.9	.9	.9	1.1	BF	1.0	.9	.8	.8	.7	.7	.7	.8	.8	.8	.7	23	1.1
4	.7	.7	.8	.7	.7	.8	.8	.7	.8	.7	1.1	1.4	1.2	1.1	1.0	1.0	.9	.9	.9	.7	.9	1.0	1.1	.9	24	1.4
5	1.1	1.6	2.3	4.9	5.9	4.0	2.0	1.6	1.8	1.6	1.6	12.0	10.1	3.7	1.9	1.4	1.4	1.5	1.8	1.5	1.3	1.2	1.0	1.0	24	12.0
6	.9	.8	.9	.9	.7	.8	.9	.9	.9	.9	.8	.9	.8	.8	.8	.8	.7	.7	.7	.7	.7	.7	.7	.6	24	.9
7	.5	.5	.6	.7	.7	.7	.6	.7	.7	.7	.6	.6	.7	.7	.7	.6	.7	.6	.6	.6	.6	.7	.7	.7	24	.7
8	.6	.7	.6	.8	2.3	2.8	7.0	5.1	10.7	9.4	3.3	2.1	1.6	1.3	1.3	1.1	1.8	29.1	23.3	8.2	2.7	2.1	2.1	1.5	24	29.1
9	1.3	1.3	1.3	1.5	1.6	1.8	1.8	1.3	1.3	1.2	1.3	1.2	1.1	1.0	1.0	.9	1.0	.9	.8	.8	.8	.9	.9	.8	24	1.8
10	.8	.9	.8	.8	.8	.9	.9	.8	.8	.8	.8	.8	.8	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	24	.9
11	.8	.7	.8	.8	.7	.8	.8	.8	.8	.9	.7	.7	.7	.7	.7	.8	.8	.7	.7	.7	.7	.7	.6	.6	24	.9
12	.6	.7	.7	1.7	5.6	14.9	16.1	8.0	5.2	14.9	6.5	3.7	2.7	11.8	9.2	14.2	7.2	5.5	3.7	2.6	2.3	2.0	1.6	1.3	24	16.1
13	1.3	1.1	1.1	1.0	1.0	1.0	1.0	1.0	2.0	1.7	1.3	1.1	.9	.8	.8	.8	.8	.9	.7	.8	.7	.8	.7	.7	24	2.0
14	.8	.8	.7	.8	.8	.7	.8	.8	.8	.7	.8	.7	.8	.8	.8	.8	.8	.9	.9	.8	.8	.9	.8	.8	24	.9
15	.8	.8	.8	.8	.8	.9	.8	.9	.8	.9	.9	.8	.8	.8	.8	.8	.8	.8	.9	.9	.9	.8	.8	.9	24	.9
16	.8	.8	.9	.8	.9	.9	1.0	.9	.8	1.2	2.1	2.1	1.6	1.2	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.2	1.1	1.0	24	2.1
17	1.0	.9	.9	.8	.7	.9	.8	.9	.8	.8	.8	.8	.7	.7	.8	BF	1.5	.9	.8	.9	.8	.9	.8	.9	23	1.5
18	.8	.9	.9	.8	1.0	1.0	1.1	.9	.9	1.0	.8	.9	1.2	1.3	1.1	1.1	1.1	1.0	1.0	.9	.9	.9	.9	1.0	24	1.3
19	1.0	.9	1.0	.9	1.0	1.0	1.0	1.2	1.3	1.5	1.3	1.1	1.1	1.0	1.1	1.2	1.4	1.5	1.5	2.0	2.1	1.4	1.2	1.1	24	2.1
20	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.0	.9	1.0	1.1	1.1	1.0	1.1	1.0	1.0	.9	1.0	1.0	.9	1.0	1.0	.9	24	1.1
21	.9	1.0	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.1	1.2	1.1	.9	1.0	.9	.9	.9	.8	.8	24	1.2
22	1.1	1.1	.9	.9	1.0	1.0	1.0	1.1	1.1	1.0	1.1	1.0	1.1	.9	.9	1.1	1.0	1.0	1.0	1.0	1.1	1.2	1.9	1.3	24	1.9
23	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.1	2.9	3.9	4.4	5.8	2.9	8.0	3.6	1.9	1.8	2.8	3.2	1.7	1.5	3.1	14.8	24	14.8
24	5.3	2.2	1.5	1.3	1.3	1.3	1.2	1.5	1.3	1.1	1.1	1.1	1.0	1.1	1.2	1.0	1.0	1.1	1.0	1.1	1.0	1.1	1.1	1.1	24	5.3
25	1.1	1.1	1.1	1.0	1.1	1.2	1.1	1.3	1.3	1.1	1.0	1.0	1.1	1.1	1.0	1.1	2.8	1.3	1.1	1.0	3.6	3.2	2.3	1.5	24	3.6
26	1.4	2.3	1.4	1.1	1.0	.9	.9	1.2	1.1	1.1	1.1	5.6	43.6	59.0	4.5	2.0	1.3	1.3	1.2	1.3	1.5	2.4	1.6	1.3	24	59.0
27	1.2	1.1	1.2	1.2	2.5	1.6	3.0	3.0	1.6	1.3	1.3	1.2	2.9	5.8	1.2	1.4	19.8	12.4	2.2	9.6	2.3	3.4	2.3	1.6	24	19.8
28	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	19.6	52.7	58.2	67.7	6.7	36.0	17.4	32.7	3.8	2.2	7.5	27.8	24	67.7
29	10.8	17.4	6.8	21.0	3.2	2.5	37.4	P114.	P125.	P95.0	22.1	25.4	32.8	48.4	17.1	44.3	49.4	14.8	25.0	8.3	3.3	2.6	3.1	3.3	24	125.1
30	3.0	2.6	2.2	1.9	2.5	2.6	2.2	2.2	2.1	10.6	21.7	35.6	33.0	19.4	13.5	2.5	2.2	2.5	4.2	6.0	3.5	3.5	2.8	2.2	24	35.6
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	29	30	30	30	30	30	30	30	30		
MAX:	10.8	17.4	6.8	21.0	5.9	14.9	37.4	114.4	125.1	95.0	22.1	35.6	43.6	59.0	58.2	67.7	49.4	36.0	25.0	32.7	3.8	3.5	7.5	27.8		
AVG:	1.48	1.62	1.23	1.79	1.48	1.72	3.03	5.27	5.69	5.29	2.80	3.76	5.93	7.50	4.51	5.42	3.80	4.13	3.34	3.07	1.46	1.41	1.51	2.45		

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 3.31 MONTHLY MAX: 125.1

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

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

(42401) Sulfur dioxide

SITE ID: 29-095-0034 POC: 1
COUNTY: (095) Jackson
CITY: (38000) Kansas City
SITE ADDRESS: TROOST: 724 Troost (Rear), Kansas City, MO 64106
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (094) METROPOLITAN KANSAS CITY
URBANIZED AREA: (3760) KANSAS CITY, MO-KS
LAND USE: COMMERCIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 39.1047583690
LONGITUDE: -94.570795594
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 296
PROBE HEIGHT:

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JULY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	2.0	1.5	1.2	1.3	1.5	1.3	1.2	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.3	4.6	2.2	1.4	1.2	24	4.6
2	1.6	1.6	1.9	2.1	2.4	2.4	2.3	1.9	BF	BF	1.6	1.6	1.6	2.5	3.1	2.6	1.8	1.9	3.5	2.0	1.7	1.5	1.5	1.5	22	3.5
3	1.3	1.4	1.8	1.4	1.5	1.5	1.6	3.0	7.0	4.2	1.7	1.3	1.5	1.6	1.6	1.2	1.2	1.2	1.2	1.3	1.5	1.6	1.5	1.5	24	7.0
4	1.5	2.1	1.5	2.9	2.7	2.5	3.9	3.9	2.8	2.3	1.9	1.7	1.6	1.5	1.5	1.5	1.5	1.6	1.7	1.8	2.5	5.5	6.7	4.5	24	6.7
5	3.0	2.3	2.0	1.8	1.8	1.8	1.7	1.6	1.6	2.0	1.7	1.5	1.4	1.4	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.0	24	3.0
6	1.1	1.1	.9	1.0	.9	1.0	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.2	1.0	1.0	.8	.9	1.4	2.3	1.8	24	2.3
7	2.0	2.4	2.7	3.0	3.2	3.2	3.3	3.4	2.6	2.5	2.3	2.5	2.5	2.4	2.5	2.7	2.2	2.2	2.0	2.0	2.1	2.0	2.1	2.2	24	3.4
8	2.9	2.2	2.1	2.3	2.6	2.5	2.1	1.5	1.4	1.5	1.7	1.2	1.0	1.1	1.0	1.1	1.1	1.0	.9	1.0	.9	1.0	1.0	.9	24	2.9
9	1.1	1.6	3.6	2.2	1.5	1.7	3.1	10.2	5.5	5.3	5.9	3.6	5.1	3.1	3.4	2.1	1.8	1.7	1.7	1.8	1.5	1.6	1.4	1.4	24	10.2
10	1.3	1.2	1.4	1.4	1.2	1.1	1.2	1.1	1.1	1.1	1.0	1.0	1.1	1.0	.9	1.0	1.0	1.1	1.0	1.0	.8	.8	.9	1.0	24	1.4
11	1.1	.9	.9	.8	.9	.9	1.0	1.0	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.2	1.1	24	1.2
12	1.1	1.1	1.0	1.1	1.0	1.1	1.0	1.2	1.1	1.1	1.2	1.2	1.1	1.1	1.0	1.0	1.1	1.0	1.0	1.1	1.0	1.0	1.0	1.1	24	1.2
13	1.1	1.1	1.2	1.3	1.3	1.2	1.3	1.4	1.3	1.2	6.6	2.3	1.5	1.3	1.3	1.2	11.6	6.7	2.4	1.7	1.5	1.4	1.4	1.6	24	11.6
14	1.5	2.1	2.1	2.5	5.6	4.6	4.5	3.0	4.0	2.5	1.5	1.6	1.6	1.6	2.0	1.9	1.7	1.5	1.5	1.5	1.5	1.5	1.6	2.1	24	5.6
15	2.1	1.6	4.3	8.7	3.8	2.1	1.7	1.5	2.4	2.4	2.6	2.1	2.0	1.9	BF	BF	1.7	1.4	1.5	1.3	1.3	1.3	1.3	1.2	22	8.7
16	1.2	1.2	1.1	1.1	1.1	1.1	1.3	1.3	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.2	24	1.3
17	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.4	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.1	1.1	1.1	1.1	1.2	1.1	1.2	24	1.4
18	1.2	1.1	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.0	24	1.2
19	1.2	1.1	1.2	1.1	1.1	1.0	1.2	13.7	11.2	2.5	4.4	5.6	2.0	2.0	3.4	2.8	2.5	2.3	2.0	1.6	1.3	1.3	11.8	5.4	24	13.7
20	2.2	1.6	1.3	1.2	1.0	1.1	1.8	1.7	1.8	3.1	9.6	4.6	2.0	24.0	26.7	51.7	29.9	35.3	19.3	3.4	2.5	2.3	1.8	1.8	24	51.7
21	1.6	1.4	1.2	1.2	1.3	1.3	1.6	3.4	3.6	1.5	1.5	1.3	1.3	1.3	1.3	1.3	1.3	2.2	2.5	1.4	1.7	1.3	1.4	1.4	24	3.6
22	1.4	1.4	1.5	1.7	5.4	8.1	9.6	8.8	5.9	2.0	1.5	2.1	2.1	1.5	1.4	2.3	4.4	3.2	6.6	5.2	3.2	6.5	17.7	9.0	24	17.7
23	2.7	1.8	1.6	1.4	2.2	14.1	18.9	14.7	4.6	2.1	1.6	2.4	4.8	4.5	4.6	4.5	4.5	4.2	2.2	3.0	2.9	1.8	1.5	1.3	24	18.9
24	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.3	1.5	1.3	1.4	1.3	1.2	1.3	1.4	1.3	1.3	1.3	1.2	1.3	1.3	1.2	1.2	1.1	24	1.5
25	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.2	1.4	1.6	24	1.6
26	1.5	1.3	1.2	1.3	1.3	1.4	1.3	2.0	1.8	1.8	2.8	2.3	1.7	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.3	1.3	24	2.8
27	1.3	1.5	1.6	1.5	1.6	1.5	1.5	1.4	1.5	1.5	1.5	1.4	1.5	1.5	1.4	1.4	BF	1.7	1.5	1.6	1.4	1.5	1.4	1.9	23	1.9
28	4.1	5.2	3.1	2.2	1.9	1.7	1.7	1.7	1.6	1.7	1.7	1.5	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.3	1.4	1.3	1.3	1.3	24	5.2
29	1.4	5.1	1.7	1.3	1.3	1.4	1.3	2.0	10.7	4.2	3.0	2.7	1.6	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.6	2.4	24	10.7
30	2.7	3.6	2.8	2.7	2.7	3.1	3.7	6.6	13.2	P85.8	70.7	16.0	1.9	1.9	1.6	1.6	1.7	2.0	2.1	2.1	2.5	3.8	3.9	3.0	24	85.8
31	2.5	3.0	3.0	2.3	3.0	3.1	3.2	3.6	3.1	1.8	2.8	23.9	5.8	1.8	12.2	28.9	59.0	47.8	30.6	3.5	2.8	2.3	2.6	2.5	24	59.0
NO.:	31	31	31	31	31	31	31	31	30	30	31	31	31	31	30	30	30	31	31	31	31	31	31	31		
MAX:	4.1	5.2	4.3	8.7	5.6	14.1	18.9	14.7	13.2	85.8	70.7	23.9	5.8	24.0	26.7	51.7	59.0	47.8	30.6	5.2	4.6	6.5	17.7	9.0		
AVG:	1.72	1.85	1.77	1.85	1.95	2.34	2.68	3.32	3.32	4.79	4.53	3.06	1.86	2.35	2.86	4.18	4.83	4.33	3.20	1.68	1.68	1.79	2.54	1.98		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 2.76 MONTHLY MAX: 85.8

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

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

(42401) Sulfur dioxide

SITE ID: 29-095-0034 POC: 1
COUNTY: (095) Jackson
CITY: (38000) Kansas City
SITE ADDRESS: TROOST: 724 Troost (Rear), Kansas City, MO 64106
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (094) METROPOLITAN KANSAS CITY
URBANIZED AREA: (3760) KANSAS CITY, MO-KS
LAND USE: COMMERCIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 39.1047583690
LONGITUDE: -94.570795594
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 296
PROBE HEIGHT:

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: AUGUST 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	2.0	2.0	1.7	1.6	1.6	1.5	1.6	1.9	29.8	22.0	3.1	1.8	2.6	4.5	1.9	1.6	1.6	1.5	1.3	1.4	1.3	1.3	1.3	1.3	24	29.8
2	1.4	1.5	1.4	1.4	1.5	1.6	1.7	1.8	1.9	2.0	1.9	1.8	1.7	1.7	1.7	1.8	1.6	1.7	1.7	1.7	1.6	1.6	1.6	2.4	24	2.4
3	2.4	2.5	4.0	3.0	2.8	2.9	3.5	5.9	4.8	6.9	7.1	12.5	3.9	4.2	4.4	8.6	7.1	7.6	5.1	3.4	2.3	2.0	1.7	2.8	24	12.5
4	7.3	11.8	9.9	27.4	24.3	10.0	4.2	2.5	2.3	17.6	54.2	6.6	4.0	5.2	9.6	3.4	1.8	1.4	1.4	1.4	1.3	1.3	2.1	1.7	24	54.2
5	1.4	1.4	1.2	1.3	1.3	1.2	1.2	1.3	1.4	1.3	1.4	1.7	2.3	6.2	2.4	2.6	3.9	3.6	4.3	2.6	1.8	1.8	1.7	1.4	24	6.2
6	1.4	2.0	1.8	1.5	1.6	1.8	1.5	1.6	1.4	1.5	1.4	6.1	4.7	3.2	1.7	1.4	1.4	1.4	1.4	1.4	1.6	1.7	3.0	3.0	24	6.1
7	1.7	1.6	1.4	1.4	1.4	1.6	1.8	1.8	1.8	1.9	33.2	18.7	24.3	4.2	12.4	20.8	2.1	2.1	2.0	1.9	2.6	3.8	2.5	1.9	24	33.2
8	1.7	1.7	1.5	1.5	3.4	4.3	16.6	3.7	5.1	5.4	2.5	1.9	1.7	1.6	1.5	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.5	1.5	24	16.6
9	1.5	1.5	1.4	1.5	1.5	1.6	1.6	2.2	2.2	2.4	2.8	2.1	1.8	1.7	19.6	16.0	3.9	2.3	2.0	2.1	2.2	1.9	1.8	1.8	24	19.6
10	1.6	2.0	1.6	1.5	1.5	1.5	1.4	1.7	1.6	1.5	2.1	7.0	8.7	20.4	19.6	6.6	11.4	6.4	3.1	2.5	2.9	2.9	3.3	4.1	24	20.4
11	2.3	1.7	1.7	1.7	2.3	5.4	3.2	2.7	2.1	1.6	1.5	1.5	BF	BF	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.8	2.3	2.1	22	5.4
12	2.7	2.7	2.4	2.1	2.2	2.4	3.6	4.6	2.4	1.7	1.7	1.6	1.7	1.8	2.2	5.9	1.9	1.9	1.7	1.9	2.5	2.4	2.0	1.8	24	5.9
13	1.7	1.5	1.4	1.6	2.5	1.9	1.9	4.0	2.8	2.3	2.1	2.0	2.1	1.9	1.7	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.5	1.6	24	4.0
14	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.7	1.5	1.7	1.8	1.5	1.5	1.5	1.6	1.6	1.5	1.4	1.5	1.6	1.7	1.8	1.7	1.6	24	1.8
15	1.6	1.5	1.5	1.7	1.5	1.6	1.8	1.8	1.7	1.6	1.7	1.7	1.8	1.7	2.1	2.1	2.2	2.7	3.0	2.5	2.1	2.1	2.2	2.0	24	3.0
16	2.0	1.8	1.7	1.7	1.7	1.6	1.8	1.8	1.8	1.8	1.8	1.6	1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.7	24	2.0
17	1.7	1.6	1.7	1.6	1.5	1.6	1.7	1.9	1.9	1.9	2.2	12.0	5.2	7.5	49.0	41.4	5.6	3.0	2.7	3.3	4.9	2.4	2.0	1.8	24	49.0
18	1.7	1.7	1.6	1.5	1.6	1.7	1.7	1.6	1.8	1.6	1.5	1.3	1.3	1.3	1.4	1.5	1.4	2.4	1.8	1.5	1.4	14.1	P116.	P106.	24	116.7
19	P108.	24.2	7.8	19.0	18.5	10.4	2.7	12.6	16.8	13.7	47.9	17.1	3.6	2.2	2.2	P87.0	37.6	62.7	6.6	2.2	2.0	2.1	2.3	2.0	24	108.1
20	1.7	2.0	2.4	3.1	3.3	2.9	3.3	2.8	2.6	2.4	2.1	2.6	2.2	1.6	1.4	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.4	1.6	24	3.3
21	1.5	1.5	1.4	1.4	1.5	1.5	1.7	1.8	1.7	1.8	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.7	1.6	1.7	1.7	24	1.8
22	1.7	1.6	1.6	1.6	1.5	1.5	1.6	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.6	1.5	1.4	1.5	1.5	24	1.7
23	1.6	5.8	28.9	4.7	3.0	2.0	2.2	2.9	33.0	24.0	38.0	38.1	29.1	53.5	26.2	P85.0	P96.6	31.7	8.0	5.1	3.3	3.6	3.4	2.6	24	96.6
24	3.2	3.0	2.9	3.7	3.4	3.4	3.6	2.8	2.1	2.7	2.6	1.9	10.8	5.8	25.1	53.3	13.9	3.6	1.8	1.9	2.0	2.3	2.9	2.5	24	53.3
25	2.7	2.9	4.2	4.3	4.6	4.7	4.2	2.3	7.4	23.2	11.3	9.2	64.1	60.1	68.4	37.7	P77.5	69.2	38.2	8.1	2.8	2.2	2.3	2.1	24	77.5
26	2.3	12.6	24.4	19.9	4.3	4.8	37.0	10.0	2.7	2.8	2.1	1.9	2.0	2.0	2.0	2.4	1.9	1.8	2.1	2.1	6.1	36.4	3.3	2.2	24	37.0
27	1.8	1.7	1.6	1.6	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.7	BF	2.8	2.1	1.9	1.7	1.6	1.5	2.2	2.0	1.7	1.6	1.5	23	2.8
28	1.4	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.8	1.8	1.9	2.0	2.1	2.1	2.7	2.6	2.5	2.3	2.3	2.2	2.0	1.8	1.6	1.8	24	2.7
29	1.8	1.9	1.8	1.8	1.8	4.4	9.6	11.7	12.4	28.5	12.2	15.5	5.6	44.7	P97.2	21.2	11.7	3.5	2.5	2.0	1.8	1.8	1.7	1.6	24	97.2
30	2.2	1.9	1.6	1.9	2.5	2.3	1.9	1.6	1.8	3.6	9.3	9.4	6.1	4.9	3.9	2.2	1.9	1.8	1.9	1.8	1.9	1.9	2.0	1.9	24	9.4
31	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.4	2.8	2.8	2.7	2.4	2.1	1.9	2.1	2.0	2.1	2.0	2.1	2.0	2.2	2.4	2.1	24	2.8
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	29	30	31	31	31	31	31	31	31	31	31	31		
MAX:	108.1	24.2	28.9	27.4	24.3	10.4	37.0	12.6	33.0	28.5	54.2	38.1	64.1	60.1	97.2	87.0	96.6	69.2	38.2	8.1	6.1	36.4	116.7	106.1		
AVG:	5.47	3.37	3.92	3.94	3.40	2.87	4.05	3.24	5.05	6.05	8.36	6.08	6.97	8.50	12.01	13.58	9.84	7.42	3.56	2.25	2.15	3.48	5.77	5.35		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 5.69 MONTHLY MAX: 116.7

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

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.1047583690
LONGITUDE: -94.570795594
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 296
PROBE HEIGHT:

SITE ID: 29-095-0034 POC: 1
COUNTY: (095) Jackson
CITY: (38000) Kansas City
SITE ADDRESS: TROOST: 724 Troost (Rear), Kansas City, MO 64106
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (094) METROPOLITAN KANSAS CITY
URBANIZED AREA: (3760) KANSAS CITY, MO-KS
LAND USE: COMMERCIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: SEPTEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.9	1.9	1.9	1.9	1.8	1.8	2.1	2.3	2.3	2.3	2.3	2.2	2.2	2.3	2.1	2.1	2.0	2.0	2.3	2.1	2.0	1.9	2.0	2.0	24	2.3
2	1.9	1.9	1.9	1.8	1.8	1.8	1.9	2.1	2.2	2.4	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.8	1.8	1.7	1.7	1.7	1.6	1.7	24	2.4
3	1.5	1.4	1.5	1.5	1.4	1.5	1.6	1.7	1.8	1.7	1.7	1.7	1.6	1.7	1.7	1.6	1.7	1.6	1.7	1.6	1.6	1.8	1.8	1.7	24	1.8
4	1.7	1.6	1.5	1.6	1.7	1.7	1.8	1.9	2.1	2.0	2.1	2.0	1.8	1.8	1.9	2.2	2.0	1.9	1.8	1.8	1.8	1.7	1.7	1.7	24	2.2
5	1.7	1.7	1.7	1.8	1.7	1.8	1.9	2.0	2.2	2.0	1.9	1.8	1.8	1.8	1.8	1.7	1.8	1.9	1.9	1.8	1.7	1.9	1.8	1.8	24	2.2
6	1.8	1.8	1.8	1.8	1.9	1.9	1.8	2.0	2.1	1.9	1.7	1.7	1.5	1.5	1.4	1.6	1.8	1.9	1.7	1.7	1.6	1.6	1.6	1.7	24	2.1
7	1.6	1.8	1.8	1.8	1.8	1.6	1.5	1.4	1.4	1.3	1.4	1.4	1.3	1.4	1.2	1.3	1.3	1.3	1.4	1.4	1.7	1.4	1.4	1.2	24	1.8
8	1.6	1.7	1.5	2.8	2.2	1.7	1.7	1.8	1.9	7.1	17.9	20.3	13.5	6.6	4.9	4.2	2.9	2.2	1.7	1.7	1.6	2.1	1.7	1.4	24	20.3
9	1.8	2.5	2.1	1.5	1.4	1.4	3.2	3.8	3.2	6.6	4.8	3.0	3.4	3.0	BF	BC	4.3	3.0	3.3	2.8	2.3	2.1	2.2	2.2	22	6.6
10	2.8	2.5	2.6	2.9	2.8	1.4	1.6	3.3	8.1	9.3	2.2	2.0	2.0	3.3	14.4	2.1	1.7	2.0	3.6	2.4	1.5	1.5	1.2	1.3	24	14.4
11	1.3	1.4	1.6	2.7	1.8	1.7	1.7	1.8	1.9	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.5	1.4	1.5	1.5	1.7	1.7	1.7	1.7	24	2.7
12	1.7	3.6	5.0	9.3	4.8	3.3	27.7	48.4	P91.7	P127.	2.7	4.0	10.2	9.0	13.8	1.7	1.6	1.5	1.8	2.1	2.7	2.6	2.7	2.5	24	127.0
13	1.9	1.9	1.9	1.7	1.7	1.7	1.7	1.9	1.8	1.7	1.7	1.6	1.8	1.8	1.8	1.8	1.8	1.7	1.8	1.8	1.6	1.7	1.7	1.7	24	1.9
14	1.6	1.7	1.7	1.7	1.7	1.7	1.9	2.0	2.0	2.1	2.1	2.2	2.0	1.9	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.6	1.6	1.7	24	2.2
15	1.7	1.9	1.7	1.8	1.9	2.0	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.8	2.0	1.9	1.9	1.8	1.8	1.9	24	2.1
16	1.8	1.8	1.7	1.8	1.8	1.8	1.8	2.0	2.1	2.1	2.0	1.9	1.9	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	24	2.1
17	1.7	1.6	1.6	1.5	1.7	1.7	1.9	2.1	2.0	1.9	1.8	1.7	1.8	1.7	1.7	1.8	1.7	1.9	1.7	1.6	1.6	1.7	1.8	1.8	24	2.1
18	1.7	1.6	1.6	1.6	1.7	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.5	1.6	1.5	1.5	1.5	13.7	6.6	2.4	2.3	2.0	5.7	6.2	24	13.7
19	2.9	2.1	2.1	2.1	2.1	1.8	2.2	3.2	2.0	1.7	1.6	1.5	1.5	1.6	1.5	1.6	1.5	1.5	1.6	2.0	2.3	1.7	1.8	1.9	24	3.2
20	1.7	1.9	1.8	1.7	1.6	1.6	1.8	1.9	1.8	1.7	1.6	1.7	1.7	1.7	1.7	1.6	1.7	1.8	1.8	1.9	1.9	1.7	1.6	1.7	24	1.9
21	1.7	1.6	1.6	1.5	1.5	1.5	1.7	1.7	1.8	1.9	1.8	1.7	1.7	1.6	1.8	1.7	1.7	1.7	1.6	1.7	1.6	1.6	1.4	1.6	24	1.9
22	1.4	1.4	1.4	1.4	1.4	1.6	1.5	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.0	1.8	1.9	1.8	1.8	1.9	1.9	1.8	1.8	1.8	24	2.0
23	1.6	1.6	1.6	1.6	1.7	1.6	1.8	1.8	1.9	2.1	2.2	2.0	2.0	2.0	2.2	2.2	2.0	2.0	2.1	2.0	1.8	1.8	1.9	1.8	24	2.2
24	2.0	2.0	1.8	1.8	1.7	1.8	1.9	1.8	1.9	BF	2.0	2.5	2.7	2.5	2.2	2.0	2.0	2.2	2.1	2.0	1.9	2.0	1.9	1.9	23	2.7
25	1.9	1.9	1.9	1.9	2.0	2.1	2.2	2.5	2.5	2.6	2.4	2.4	2.6	3.0	2.8	3.2	4.2	2.7	2.0	1.8	1.9	1.8	1.8	1.7	24	4.2
26	2.0	2.0	2.2	2.0	1.7	2.0	1.9	2.1	2.4	2.5	6.2	6.8	12.5	8.6	3.4	2.2	2.1	1.9	1.9	2.3	2.2	2.1	2.0	1.9	24	12.5
27	1.5	1.7	1.6	1.7	1.5	1.5	1.7	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.4	1.4	1.5	1.5	1.4	1.5	1.5	1.6	1.4	1.5	24	1.8
28	1.5	1.5	1.4	1.4	1.5	1.5	1.6	1.9	1.9	1.9	2.0	2.1	2.0	2.1	2.1	2.0	2.1	2.1	1.9	1.8	1.8	1.7	1.7	1.6	24	2.1
29	1.7	2.3	3.2	3.8	5.5	2.7	4.3	2.9	2.3	2.1	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.4	1.8	24	5.5
30	1.7	1.5	1.4	1.5	1.6	1.6	1.7	2.1	4.8	3.2	1.9	1.6	1.6	1.6	1.6	1.5	1.6	1.8	1.7	1.7	1.7	1.8	1.6	1.5	24	4.8
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	30	30	30	30	29	29	30	30	30	30	30	30	30	30		
MAX:	2.9	3.6	5.0	9.3	5.5	3.3	27.7	48.4	91.7	127.0	17.9	20.3	13.5	9.0	14.4	4.2	4.3	13.7	6.6	2.8	2.7	2.6	5.7	6.2		
AVG:	1.78	1.86	1.90	2.13	1.98	1.78	2.78	3.64	5.30	6.89	2.68	2.74	2.91	2.55	2.82	1.90	1.96	2.26	2.05	1.86	1.83	1.78	1.86	1.88		

MONTHLY OBSERVATIONS: 717 MONTHLY MEAN: 2.54 MONTHLY MAX: 127.0

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

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

(42401) Sulfur dioxide

SITE ID: 29-095-0034 POC: 1
COUNTY: (095) Jackson
CITY: (38000) Kansas City
SITE ADDRESS: TROOST: 724 Troost (Rear), Kansas City, MO 64106
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (094) METROPOLITAN KANSAS CITY
URBANIZED AREA: (3760) KANSAS CITY, MO-KS
LAND USE: COMMERCIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 39.1047583690
LONGITUDE: -94.570795594
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 296
PROBE HEIGHT:

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: OCTOBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.6	1.8	1.8	1.8	1.8	1.9	2.0	2.4	3.8	8.0	7.8	2.4	2.2	2.1	2.0	1.9	1.9	2.0	2.0	2.6	2.0	1.9	1.9	1.8	24	8.0
2	2.0	1.9	1.8	1.7	1.6	1.8	1.8	1.9	2.0	2.3	2.0	1.9	2.0	1.9	1.8	1.8	1.8	1.9	1.8	1.9	1.9	1.8	1.7	1.8	24	2.3
3	2.3	2.8	2.8	1.9	1.9	1.8	1.9	2.1	3.8	6.8	4.5	2.4	2.1	1.9	1.9	1.8	1.9	2.0	2.1	2.1	2.0	1.9	1.9	2.0	24	6.8
4	2.0	2.1	2.7	1.9	1.7	1.8	1.8	1.9	6.0	2.8	2.1	1.9	2.0	1.8	1.9	2.2	1.9	1.8	1.7	1.8	1.8	1.8	1.7	1.8	24	6.0
5	1.7	1.7	1.8	1.8	1.7	1.7	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.8	2.0	2.1	2.0	2.0	1.8	1.7	1.8	2.6	3.2	24	3.2
6	2.5	2.1	2.2	2.3	2.4	2.5	3.0	2.7	2.5	4.7	11.4	7.0	21.7	4.2	3.0	3.0	BF	2.7	2.2	2.2	2.0	2.0	2.1	2.3	23	21.7
7	3.3	4.0	3.7	3.6	4.1	3.7	3.8	4.1	3.5	4.1	4.5	5.1	2.8	2.3	2.4	4.0	13.9	6.9	3.1	2.6	2.4	2.6	2.3	2.2	24	13.9
8	2.1	1.9	1.8	1.7	1.8	1.7	1.8	1.9	2.0	2.2	2.5	2.7	2.3	2.2	2.1	2.2	2.1	5.4	25.7	6.8	4.4	3.8	2.7	2.1	24	25.7
9	4.1	16.9	2.9	3.5	2.9	4.4	2.6	2.7	2.8	3.2	2.6	2.2	2.0	2.0	2.3	1.8	1.7	1.9	2.0	1.9	2.0	1.9	1.8	1.8	24	16.9
10	1.7	1.8	1.7	2.1	2.3	2.0	1.9	1.7	1.9	2.0	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.9	1.9	1.8	1.8	1.8	24	2.3
11	2.2	2.5	2.3	2.2	2.0	2.0	2.0	2.1	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.0	2.0	2.1	2.1	2.1	24	2.5
12	2.1	9.4	4.6	6.1	2.8	2.2	11.7	4.7	14.2	P98.7	P112.	32.4	P82.6	2.5	12.2	P80.8	37.6	2.5	2.9	3.5	4.5	4.8	6.3	4.9	24	112.5
13	6.3	5.5	4.4	5.1	4.5	11.7	6.1	6.2	56.7	66.7	56.6	37.9	8.3	P89.7	44.8	2.3	1.9	2.1	2.2	2.5	2.4	2.5	2.0	3.4	24	89.7
14	3.3	3.3	21.3	3.7	5.7	6.9	5.2	15.2	65.7	2.7	2.1	2.0	2.0	2.0	1.9	2.4	3.9	3.3	2.6	3.1	3.6	4.1	4.5	4.5	24	65.7
15	3.6	3.0	3.2	2.8	2.5	2.4	3.0	4.5	4.3	4.7	3.6	2.4	2.8	3.0	2.3	2.4	2.0	2.1	2.2	2.1	1.9	1.9	3.1	3.6	24	4.7
16	4.2	6.6	4.4	4.9	14.9	17.7	14.8	5.2	10.1	2.6	3.6	9.3	15.9	29.3	8.3	2.3	2.5	2.0	2.2	2.6	2.1	2.5	3.2	3.2	24	29.3
17	2.1	2.8	2.1	2.3	2.0	2.1	1.9	2.0	2.2	2.4	2.4	2.1	2.1	1.9	2.0	1.9	2.0	2.0	1.9	2.4	2.2	2.2	2.3	2.1	24	2.8
18	2.2	2.1	2.0	2.0	1.9	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.1	2.2	2.2	2.2	24	2.2
19	2.2	2.2	2.2	2.3	2.2	2.3	2.3	2.6	2.9	3.2	3.0	3.1	3.1	2.9	2.8	2.8	2.7	2.6	2.4	2.6	2.7	2.3	2.2	2.2	24	3.2
20	2.3	2.3	2.8	2.6	2.5	2.4	2.4	2.6	2.7	3.1	3.1	2.9	2.8	2.8	2.9	2.9	2.7	2.5	2.5	2.5	2.8	3.4	3.6	3.3	24	3.6
21	3.0	2.8	2.8	2.6	2.5	2.6	2.8	2.8	BF	2.6	2.3	2.1	2.0	2.0	1.9	1.9	2.0	2.1	2.0	8.9	3.2	2.3	2.1	2.1	23	8.9
22	2.0	1.8	1.7	1.7	1.7	1.6	1.7	1.9	1.7	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.7	1.6	1.5	1.5	1.5	24	2.1
23	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.5	1.4	1.4	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.3	1.3	1.2	24	1.5
24	1.2	1.2	1.2	1.3	1.3	4.1	6.8	74.8	P102.	P108.	8.0	30.2	P91.8	28.1	15.0	16.1	3.0	8.9	4.0	3.5	3.3	3.8	3.5	2.8	24	108.9
25	2.9	2.6	3.3	3.1	3.4	2.4	3.1	2.7	2.1	2.2	2.0	4.3	3.4	3.4	4.2	2.0	2.1	2.3	2.2	1.9	1.7	1.7	1.7	1.6	24	4.3
26	1.6	1.6	1.5	1.6	1.5	1.6	1.7	1.7	2.1	2.5	2.5	2.1	2.5	2.1	2.1	3.0	2.6	2.8	3.0	2.8	2.1	1.7	1.7	1.9	24	3.0
27	1.8	2.0	2.1	2.0	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	2.1	1.5	1.6	1.7	1.6	1.4	24	2.1
28	1.3	1.3	1.9	1.8	2.8	2.9	2.1	2.1	2.2	18.5	12.1	26.0	8.3	12.8	10.1	34.0	31.3	2.1	1.8	2.2	8.3	11.4	2.3	26.1	24	34.0
29	15.9	2.3	2.1	1.8	1.9	2.0	2.0	2.0	2.1	1.8	16.0	67.3	24.5	2.9	1.9	1.7	1.8	2.0	2.2	2.4	3.7	3.4	3.3	3.1	24	67.3
30	3.1	3.0	2.7	3.1	2.9	2.4	2.9	3.4	2.5	2.2	2.1	1.9	1.9	1.8	2.1	2.0	1.9	1.8	1.7	1.7	1.6	1.5	1.6	1.6	24	3.4
31	1.5	1.6	1.4	1.5	1.4	1.4	1.4	1.7	1.7	1.7	1.5	1.6	1.7	1.6	1.6	1.7	1.6	1.6	1.7	2.0	1.9	2.0	2.0	2.2	24	2.2
NO.:	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31		
MAX:	15.9	16.9	21.3	6.1	14.9	17.7	14.8	74.8	102.2	108.9	112.5	67.3	91.8	89.7	44.8	80.8	37.6	8.9	25.7	8.9	8.3	11.4	6.3	26.1		
AVG:	2.89	3.17	3.05	2.52	2.76	3.19	3.27	5.37	10.43	11.99	9.16	8.58	9.87	7.10	4.72	6.19	4.67	2.59	2.95	2.61	2.54	2.63	2.41	3.15		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 4.90 MONTHLY MAX: 112.5

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

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.1047583690
LONGITUDE: -94.570795594
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 296
PROBE HEIGHT:

SITE ID: 29-095-0034 POC: 1
COUNTY: (095) Jackson
CITY: (38000) Kansas City
SITE ADDRESS: TROOST: 724 Troost (Rear), Kansas City, MO 64106
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (094) METROPOLITAN KANSAS CITY
URBANIZED AREA: (3760) KANSAS CITY, MO-KS
LAND USE: COMMERCIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: NOVEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.8	1.8	1.7	2.6	2.6	1.8	1.8	2.0	2.3	2.0	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.8	1.9	1.8	1.8	1.7	1.7	1.6	24	2.6
2	1.7	1.6	1.7	1.7	1.6	1.8	1.7	1.7	1.9	2.3	2.5	2.4	2.3	2.1	2.0	1.9	1.9	2.1	2.0	1.8	1.6	1.6	1.5	1.5	24	2.5
3	1.5	1.6	1.5	1.6	1.5	1.6	1.5	1.6	1.5	1.5	1.6	1.8	1.7	1.9	1.8	1.9	2.0	1.7	1.7	1.5	1.5	1.5	1.5	1.4	24	2.0
4	1.3	1.4	1.5	1.4	1.6	1.4	1.5	1.4	1.4	1.4	1.4	1.5	BL	1.5	1.6	1.5	1.4	1.5	1.5	1.7	1.4	1.3	1.5	1.5	23	1.7
5	1.4	1.4	1.3	1.4	1.5	1.4	1.5	1.5	1.6	BF	BF	1.6	1.6	1.6	1.5	1.5	1.4	1.2	1.4	33.0	P111.	65.8	P118.	P95.3	22	118.3
6	48.4	7.7	3.7	2.9	2.8	2.5	2.5	2.4	2.6	2.8	2.6	15.1	42.3	18.5	P88.5	64.0	20.4	3.0	2.3	2.6	3.0	2.3	2.0	2.0	24	88.5
7	2.1	2.2	2.2	2.4	4.2	4.2	4.3	5.0	5.9	4.1	2.3	2.7	7.9	24.5	10.8	4.3	2.8	2.1	2.3	2.7	2.7	2.5	2.2	2.1	24	24.5
8	2.2	2.0	1.9	1.9	1.9	1.9	1.8	1.9	2.2	2.1	1.9	1.8	1.8	1.9	1.8	1.8	1.8	2.0	2.1	2.1	2.0	2.0	2.0	1.9	24	2.2
9	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.7	2.9	2.4	2.0	2.0	1.9	1.8	2.0	1.9	2.0	2.1	2.5	2.2	2.1	2.1	2.1	2.1	24	2.9
10	2.0	2.0	1.9	1.9	2.1	2.1	2.0	2.3	2.3	2.5	2.8	2.7	3.0	2.8	2.7	2.8	2.8	2.7	2.7	2.4	2.4	2.4	2.3	2.2	24	3.0
11	2.1	2.1	2.2	2.0	2.0	2.0	2.1	2.0	2.2	2.2	2.2	2.2	2.0	1.8	1.6	1.6	1.5	1.5	1.5	1.4	1.5	1.6	1.6	1.6	24	2.2
12	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	36.6	58.9	P76.6	48.8	P82.0	58.6	14.4	27.9	2.9	3.0	2.4	2.4	2.8	24	82.0
13	3.8	5.3	8.2	4.5	2.1	2.0	2.2	2.9	4.9	12.1	18.5	3.6	2.2	1.9	1.9	1.8	1.8	2.2	2.4	2.4	2.2	1.9	2.0	2.0	24	18.5
14	2.4	2.4	2.3	2.2	2.1	1.9	1.9	2.0	2.2	2.1	1.9	2.1	2.0	2.0	1.8	1.9	2.1	2.0	2.1	2.3	2.3	2.2	2.1	1.8	24	2.4
15	1.8	1.9	2.3	2.3	2.3	2.0	2.0	2.1	2.1	2.1	2.0	2.0	1.9	1.8	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.8	2.0	1.8	24	2.3
16	1.7	1.8	1.7	1.5	1.6	1.6	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.8	1.7	1.6	1.7	1.7	1.5	1.5	1.4	1.4	24	1.8
17	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.6	1.5	1.5	1.5	1.4	1.5	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.5	1.4	1.4	24	1.6
18	1.4	1.5	1.5	1.4	1.3	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.5	1.7	1.7	1.7	1.6	22.8	8.9	24	22.8
19	51.3	54.1	38.9	16.7	9.4	4.0	2.4	3.9	BF	18.1	40.8	51.8	32.5	18.7	14.3	1.9	1.8	2.1	1.8	2.1	2.0	2.1	2.4	2.3	23	54.1
20	2.0	2.0	2.0	2.0	2.0	1.8	1.8	1.9	1.8	2.0	1.9	2.2	2.0	2.2	2.1	2.3	2.1	2.5	3.6	3.1	3.3	2.8	8.4	2.7	24	8.4
21	2.0	2.0	2.0	2.0	2.1	1.9	2.0	2.1	2.1	2.2	8.1	13.8	10.1	35.6	47.4	28.1	13.5	2.5	2.5	2.5	2.7	2.8	2.8	2.6	24	47.4
22	2.3	2.2	2.1	2.1	2.0	2.0	1.8	2.0	1.9	2.1	2.0	2.0	2.1	2.3	2.3	2.2	2.2	1.9	2.1	2.0	2.0	1.9	2.0	1.9	24	2.3
23	2.1	2.1	2.2	2.1	2.4	2.7	3.0	3.1	2.9	2.8	2.8	2.6	2.8	2.4	2.0	2.0	2.1	2.7	2.3	2.3	2.3	2.3	2.2	2.4	24	3.1
24	2.9	3.2	2.8	2.6	2.6	2.6	2.7	2.9	3.4	3.5	2.9	2.8	2.5	2.6	2.6	2.5	2.3	2.2	2.5	2.4	2.4	2.3	2.1	2.2	24	3.5
25	2.3	2.3	2.3	2.1	2.0	2.2	2.3	2.4	2.5	2.5	2.5	2.6	2.5	2.4	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.0	24	2.6
26	2.1	2.0	2.0	1.9	1.9	2.0	1.9	2.0	1.9	1.8	1.8	1.8	7.6	16.8	6.8	3.1	2.3	2.1	1.9	1.9	1.7	1.8	1.7	1.8	24	16.8
27	1.7	1.6	1.7	1.7	1.8	1.7	1.8	1.7	1.8	1.7	1.8	1.7	1.8	1.8	1.8	1.8	1.7	1.8	1.8	1.8	1.7	1.7	1.8	1.7	24	1.8
28	1.7	1.8	1.8	1.7	1.8	1.9	1.8	1.9	1.8	1.8	1.9	1.8	1.8	2.0	2.2	1.8	1.8	1.8	1.9	2.0	2.0	1.8	1.8	1.8	24	2.2
29	2.0	1.9	2.1	1.7	1.9	1.7	2.2	1.8	1.9	1.8	1.8	1.9	1.9	1.8	2.0	2.0	1.9	1.8	2.7	1.9	1.9	1.8	1.7	1.8	24	2.7
30	1.8	1.8	1.8	1.9	1.9	1.9	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.8	1.9	1.8	1.9	1.9	1.8	1.7	24	2.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	29	29	30	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	51.3	54.1	38.9	16.7	9.4	4.2	4.3	5.0	5.9	18.1	40.8	51.8	58.9	76.6	88.5	82.0	58.6	14.4	27.9	33.0	111.7	65.8	118.3	95.3		
AVG:	5.16	3.96	3.41	2.51	2.27	2.04	2.03	2.18	2.29	3.04	4.14	5.71	7.08	7.92	8.77	7.64	4.82	2.40	2.93	3.11	5.71	4.10	6.72	5.27		

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 4.39 MONTHLY MAX: 118.3

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

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.1047583690
LONGITUDE: -94.570795594
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 296
PROBE HEIGHT:

SITE ID: 29-095-0034 POC: 1
COUNTY: (095) Jackson
CITY: (38000) Kansas City
SITE ADDRESS: TROOST: 724 Troost (Rear), Kansas City, MO 64106
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (29) Missouri
AQCR: (094) METROPOLITAN KANSAS CITY
URBANIZED AREA: (3760) KANSAS CITY, MO-KS
LAND USE: COMMERCIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: DECEMBER 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.8	1.7	1.8	1.7	1.7	1.7	1.8	1.9	1.9	1.8	1.8	1.9	1.9	2.0	1.9	2.1	BF	1.9	7.5	2.9	6.3	2.2	2.1	1.9	23	7.5
2	2.0	2.0	2.0	1.9	1.9	1.9	2.0	1.9	2.0	2.1	2.0	2.1	2.1	2.6	46.1	35.8	6.4	3.9	3.3	3.4	2.8	2.4	2.5	2.3	24	46.1
3	2.2	2.1	2.3	3.3	2.9	3.3	4.7	4.8	4.6	4.7	6.9	5.5	5.2	3.4	3.0	2.9	4.8	5.8	3.3	3.1	2.8	2.6	2.6	2.3	24	6.9
4	2.4	2.2	2.2	2.1	3.3	2.1	2.4	2.8	3.0	2.5	2.7	2.4	2.8	2.4	3.0	3.2	2.7	2.5	2.5	2.4	2.3	2.3	2.2	2.2	24	3.3
5	2.2	2.2	2.2	2.2	2.1	2.1	2.2	2.1	2.3	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.4	24	2.4
6	2.2	2.2	2.4	2.4	2.4	2.2	2.3	2.3	2.4	2.7	6.4	4.2	13.3	4.9	5.2	3.1	3.7	3.4	3.0	2.9	2.6	3.3	5.5	5.7	24	13.3
7	4.5	4.6	3.5	3.4	3.3	3.0	2.9	3.4	3.3	3.0	2.8	2.4	2.1	2.2	2.1	2.2	2.4	2.4	2.4	2.3	2.2	2.3	2.2	2.2	24	4.6
8	2.2	2.2	2.1	2.1	2.0	2.1	2.1	2.3	2.2	2.3	2.4	2.6	2.6	2.7	2.7	2.7	2.7	2.5	2.3	2.5	2.3	2.2	2.1	2.1	24	2.7
9	2.0	2.0	2.0	1.9	2.0	1.9	1.9	2.0	2.2	2.4	2.8	2.7	2.7	2.3	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.2	2.4	2.4	24	2.8
10	2.3	2.1	2.1	2.0	2.0	2.1	2.4	3.0	3.0	2.7	2.4	12.8	17.2	16.7	8.2	2.5	2.4	2.3	2.6	2.3	2.1	2.4	2.1	1.9	24	17.2
11	2.1	2.2	2.1	1.9	1.9	1.8	2.1	2.0	2.0	2.1	2.3	2.3	2.4	2.6	2.5	2.3	2.3	2.2	2.2	2.2	2.1	2.2	2.2	2.1	24	2.6
12	2.0	2.0	2.0	2.7	3.6	3.8	4.1	4.6	5.2	4.3	3.8	3.5	3.6	4.3	3.5	2.9	3.2	3.1	2.2	2.0	2.0	2.1	1.9	1.8	24	5.2
13	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.5	1.5	1.6	1.6	1.5	1.7	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.6	1.5	1.5	24	1.7
14	1.5	1.6	1.5	1.6	1.5	1.6	1.7	1.5	1.6	1.6	1.6	1.6	1.7	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.9	1.7	1.8	1.8	24	1.9
15	1.7	2.0	1.9	1.9	1.8	1.7	1.7	1.7	1.8	2.0	1.7	1.9	1.9	2.0	2.3	2.2	2.0	1.9	1.9	1.8	1.8	1.8	1.9	1.9	24	2.3
16	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.8	BF	BF	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	22	2.0
17	1.8	1.7	1.8	1.9	1.8	2.1	2.2	2.0	2.0	2.0	1.9	1.9	1.9	2.1	2.1	1.9	3.1	2.7	2.3	2.1	2.0	2.0	2.6	2.5	24	3.1
18	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.2	3.9	3.1	2.5	24	3.9
19	2.8	2.3	2.4	2.0	2.1	2.0	2.0	2.1	2.1	2.1	2.4	2.3	2.2	2.1	2.3	2.4	2.6	2.7	2.5	2.6	2.7	2.5	2.5	2.4	24	2.8
20	2.4	2.4	2.5	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.4	2.3	2.2	2.1	2.0	1.9	2.0	2.0	1.9	1.8	1.9	1.9	24	2.6
21	1.8	1.8	1.8	1.8	3.0	2.7	3.7	4.7	3.6	3.9	4.3	5.8	5.4	4.1	2.7	2.9	3.0	4.4	6.0	5.2	2.8	2.5	2.2	2.2	24	6.0
22	2.1	1.9	1.9	1.8	1.9	1.9	1.9	1.8	1.9	1.9	2.5	2.4	2.3	2.4	2.4	2.3	2.3	2.2	2.3	2.2	2.0	2.1	2.1	2.1	24	2.5
23	2.0	1.9	2.0	2.0	2.0	2.0	2.0	1.8	1.8	2.0	2.4	2.1	2.0	1.9	1.8	1.9	4.2	15.9	8.0	3.7	2.7	2.4	2.3	2.0	24	15.9
24	1.9	1.9	1.9	1.8	1.8	1.9	1.9	1.8	1.9	2.0	2.1	2.3	2.1	2.0	2.0	2.8	4.9	5.1	4.9	2.5	2.2	2.4	2.2	2.1	24	5.1
25	2.0	2.4	2.0	1.8	1.9	1.7	1.9	1.8	1.8	2.0	2.0	2.0	2.1	2.0	2.1	2.1	2.0	1.8	1.9	1.9	1.9	1.9	2.0	2.1	24	2.4
26	2.0	2.1	2.0	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.1	2.2	2.3	2.0	2.1	2.1	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.0	24	2.3
27	1.9	2.0	1.9	1.9	1.8	1.9	1.9	1.9	1.8	1.8	1.9	1.9	1.8	1.7	2.0	1.9	1.9	1.9	1.8	1.8	1.9	1.8	1.8	1.8	24	2.0
28	1.8	1.7	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.8	1.8	1.8	1.8	1.8	2.1	6.1	13.0	12.8	5.0	15.5	9.5	4.6	2.9	2.6	24	15.5
29	2.3	2.2	2.1	2.2	2.1	2.0	2.0	2.1	2.5	3.2	8.2	18.7	5.9	3.0	4.0	6.1	5.9	4.9	3.6	2.7	2.4	2.4	2.4	2.3	24	18.7
30	2.2	2.1	2.2	2.3	2.3	2.2	2.2	2.3	2.3	2.4	BF	11.8	17.1	13.7	3.5	4.1	5.7	4.5	3.5	2.9	2.9	2.7	3.4	3.0	23	17.1
31	2.4	2.3	2.1	2.1	2.1	2.1	2.3	2.4	2.2	2.4	2.4	2.4	2.3	2.2	2.2	2.3	2.3	2.4	2.1	2.1	2.1	2.6	2.4	2.7	24	2.7
NO.:	31	31	31	31	31	31	31	31	31	31	30	31	31	30	30	31	30	31	31	31	31	31	31	31		
MAX:	4.5	4.6	3.5	3.4	3.6	3.8	4.7	4.8	5.2	4.7	8.2	18.7	17.2	16.7	46.1	35.8	13.0	15.9	8.0	15.5	9.5	4.6	5.5	5.7		
AVG:	2.13	2.10	2.06	2.08	2.16	2.11	2.25	2.33	2.35	2.39	2.80	3.67	3.84	3.29	4.12	3.69	3.30	3.50	2.98	2.85	2.58	2.35	2.35	2.27		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 2.73 MONTHLY MAX: 46.1

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.26351
LONGITUDE: -90.37993
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 142
PROBE HEIGHT: 3

SITE ID: 29-099-0027 POC: 1
COUNTY: (099) Jefferson
CITY: (31708) Herculaneum
SITE ADDRESS: MOTT STREET: 747 Mott Street, Herculaneum, 63048
SITE COMMENTS: Was relocated from the Main Street site. Doe Run had previously monitored Pb conce
MONITOR COMMENTS: RELOCATED FROM THE HERC., MAIN STREET (29-099-0004) IN 2011

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JANUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.7	.7	.8	.7	.7	.7	.7	.7	.7	.7	.7	.8	.8	.8	.9	.9	.9	.8	.8	.9	.9	.9	.9	.8	24	.9
2	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7	.7	.8	.8	1.4	2.0	1.7	1.8	1.0	.7	.7	.6	.6	.7	.9	24	2.0
3	.9	1.0	1.0	1.0	.9	.7	.7	.9	.8	.9	.8	.8	.8	.7	.7	.7	.6	.6	.6	.5	.6	.5	.5	.5	24	1.0
4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.5	.6	1.3	1.0	.7	2.8	1.4	.7	.7	.7	24	2.8
5	.7	.7	.8	.8	.7	.9	1.0	1.3	1.9	1.4	6.5	5.2	4.3	3.3	4.1	6.0	12.4	6.8	5.6	3.1	1.9	1.8	1.5	1.4	24	12.4
6	1.4	1.2	1.0	.9	.9	.7	1.1	1.2	1.3	1.6	1.5	1.3	1.2	3.0	5.5	6.6	1.5	1.1	1.1	1.2	1.1	1.1	1.5	2.5	24	6.6
7	1.3	1.5	1.9	.9	.9	.9	1.0	1.0	.8	.9	.9	.9	.9	.9	.9	.9	1.1	1.0	.9	.8	.8	.8	.9	.8	24	1.9
8	.8	.7	.7	.7	.7	.7	.8	.9	1.1	1.0	1.1	.9	.9	1.0	1.5	1.4	.8	.9	.9	.9	1.0	.9	.9	1.0	24	1.5
9	1.1	1.6	.8	1.3	2.3	3.9	4.7	3.6	4.4	5.1	6.4	1.4	1.4	1.2	1.1	.9	.9	1.3	1.1	1.0	1.0	.8	.8	.8	24	6.4
10	.8	.9	.8	.8	.9	.8	.8	.9	1.1	1.8	2.0	2.0	2.1	2.2	1.7	1.5	1.5	1.5	1.6	1.6	1.3	1.2	1.2	1.2	24	2.2
11	1.4	1.3	1.9	2.4	2.6	3.1	2.9	3.3	1.7	1.5	1.4	1.1	1.0	.9	.8	.7	.8	.7	.8	.8	.8	.8	.8	.7	24	3.3
12	.7	.7	.7	.7	.7	.7	.8	.9	1.5	1.4	1.2	1.1	1.0	.9	1.3	1.1	1.1	.8	.9	1.6	4.5	9.5	5.6	2.6	24	9.5
13	2.9	3.2	3.1	1.8	1.7	1.8	3.2	4.7	6.4	4.9	3.0	2.0	1.6	1.5	1.9	5.6	4.3	3.7	3.8	2.6	2.6	2.0	2.0	2.1	24	6.4
14	1.9	1.3	.9	.8	.9	.8	.8	1.0	1.1	1.3	1.6	1.8	2.2	2.5	2.4	2.9	3.4	2.5	2.6	2.5	2.2	3.7	3.7	2.8	24	3.7
15	2.8	2.6	2.2	2.0	1.5	1.2	1.0	1.0	1.3	1.3	BF	BF	1.1	1.0	.9	.9	.9	.8	.9	1.1	.9	.8	.7	.7	22	2.8
16	.7	.7	.7	.7	.7	.7	.7	.7	.9	1.1	1.2	1.2	1.4	1.5	1.5	2.0	4.0	1.7	1.8	6.5	4.5	2.8	2.1	1.7	24	6.5
17	1.6	.9	.8	.8	.8	1.0	.9	1.2	2.3	1.9	1.1	1.2	1.2	1.3	1.3	1.2	1.1	1.0	.9	.9	.8	.8	.7	.8	24	2.3
18	.7	.8	.7	.7	.7	.8	.8	.8	.9	.9	.9	.9	.8	.8	.8	.8	.8	1.5	2.6	1.8	1.4	1.0	.8	.7	24	2.6
19	.7	.6	.7	.7	.7	.6	.7	.7	.8	1.1	1.2	1.1	1.3	1.2	1.1	1.2	1.2	1.5	2.4	2.5	1.2	1.0	.8	.7	24	2.5
20	.7	.7	.6	.6	.7	.8	.7	.8	.9	1.2	1.3	1.2	3.5	1.3	1.0	1.0	1.1	1.0	1.1	1.0	.8	.7	.7	.6	24	3.5
21	.6	.6	.6	.6	.5	.6	.6	.7	.7	.8	.9	.7	.8	.8	1.0	1.0	.9	.8	.7	.7	.8	.6	.6	.6	24	1.0
22	.6	.6	.6	.6	.6	.6	.7	.6	.7	.7	.8	.7	.7	1.0	1.5	1.7	1.6	1.2	1.4	1.4	2.3	1.9	1.2	.8	24	2.3
23	.7	.7	.7	.7	.8	.8	.9	.8	.9	1.1	1.2	1.2	1.5	1.3	2.4	2.2	7.3	10.1	5.6	2.1	1.1	.8	.8	.7	24	10.1
24	.7	.6	.6	.6	.6	.6	.6	.6	.8	1.0	1.5	1.3	.9	.9	.8	.8	.8	.8	.8	.9	.9	.9	.8	.8	24	1.5
25	.7	.7	.9	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.7	.6	.6	.6	.5	.5	.5	.5	.6	24	.9
26	.6	.6	.5	.5	1.5	1.7	.7	.7	.6	.7	.8	.6	.6	.7	.6	.7	.6	.7	.8	.6	.7	1.4	1.7	1.2	24	1.7
27	.9	.7	.6	.8	.8	.7	.7	.7	.8	.7	1.0	1.4	1.4	1.6	.7	1.6	.9	.7	.7	.6	.6	.6	.6	.5	24	1.6
28	.6	.6	.6	.6	.6	.7	2.5	3.7	BF	BF	1.7	2.1	2.9	2.7	2.7	2.3	1.6	1.3	1.2	1.2	1.2	1.2	1.1	1.3	22	3.7
29	1.2	1.1	1.2	1.2	1.1	1.1	.8	3.1	2.8	.7	2.9	1.3	.7	1.4	2.6	3.0	1.0	.8	.6	.6	.5	.6	.7	.6	24	3.1
30	.6	.6	.6	.6	.8	.6	.5	.5	1.9	3.8	1.5	2.2	2.8	2.6	2.4	2.8	2.1	1.5	1.6	1.2	.9	.8	.8	.8	24	3.8
31	.8	.7	.8	.9	.7	.7	.7	.7	.8	1.1	1.4	1.4	1.9	1.7	1.6	1.7	1.9	1.8	2.3	2.9	4.4	3.6	3.9	3.9	24	4.4
NO.:	31	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	2.9	3.2	3.1	2.4	2.6	3.9	4.7	4.7	6.4	5.1	6.5	5.2	4.3	3.3	5.5	6.6	12.4	10.1	5.6	6.5	4.5	9.5	5.6	3.9		
AVG:	1.00	.96	.93	.88	.93	.99	1.09	1.27	1.39	1.42	1.61	1.33	1.41	1.40	1.57	1.84	1.96	1.66	1.55	1.53	1.43	1.46	1.30	1.15		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 1.34 MONTHLY MAX: 12.4

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.26351
LONGITUDE: -90.37993
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 142
PROBE HEIGHT: 3

SITE ID: 29-099-0027 POC: 1
COUNTY: (099) Jefferson
CITY: (31708) Herculaneum
SITE ADDRESS: MOTT STREET: 747 Mott Street, Herculaneum, 63048
SITE COMMENTS: Was relocated from the Main Street site. Doe Run had previously monitored Pb conce
MONITOR COMMENTS: RELOCATED FROM THE HERC., MAIN STREET (29-099-0004) IN 2011

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: FEBRUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	6.4	6.4	4.1	2.2	1.6	1.1	.9	.8	.9	.8	.7	.7	.7	.7	.6	.6	.5	.5	.6	.8	.7	.6	.7	.7	24	6.4
2	.6	.6	.6	.6	.6	.6	.6	.5	.7	1.1	1.9	3.7	4.5	6.2	3.4	1.3	.7	.7	.7	.6	.6	.6	.7	.9	24	6.2
3	.7	.6	.6	.6	.6	.6	.6	.7	.8	.9	1.0	1.1	1.3	1.3	1.0	.8	.8	.8	.7	.8	1.0	1.0	.9	.9	24	1.3
4	.8	.8	.7	.6	.6	.7	.7	.8	.9	1.1	5.8	1.3	1.2	1.1	1.3	.9	.7	.6	.9	1.0	1.0	.8	.8	.9	24	5.8
5	.9	.8	.7	.7	.6	.6	.6	.8	1.5	1.9	3.0	3.0	2.2	1.8	2.8	12.0	9.3	2.5	5.1	2.2	2.0	1.1	.9	1.1	24	12.0
6	.7	.6	.6	.5	.6	.7	.6	.7	.9	.9	1.1	1.6	1.6	1.2	1.1	1.0	1.0	.9	.9	.9	.9	.9	1.0	.8	24	1.6
7	.7	.7	.6	.7	.6	.6	.7	.8	1.1	1.3	1.4	1.2	1.2	1.1	1.1	1.0	1.0	1.1	1.3	1.3	1.4	1.5	1.5	1.3	24	1.5
8	1.2	1.0	1.0	.9	.7	.7	.7	.8	.9	1.0	1.1	1.2	1.1	1.0	1.0	1.0	2.5	3.1	1.6	1.1	1.3	1.0	1.0	.8	24	3.1
9	.8	.8	.7	.6	.6	.8	1.2	.7	.5	.6	.6	.6	.7	.7	.6	.7	.6	.6	.7	1.2	3.3	2.8	1.7	3.3	24	3.3
10	4.1	3.5	2.8	1.7	1.2	.8	.7	.7	.9	.9	1.2	BF	3.7	6.3	9.9	12.5	18.6	2.4	1.2	1.1	.8	.7	.6	.5	23	18.6
11	.6	.6	.7	.6	.6	.6	.6	.6	.8	.9	1.1	1.0	.8	2.9	3.5	2.9	.7	.6	.6	.6	.6	.9	1.1	1.0	24	3.5
12	1.0	1.5	1.6	.6	.6	.5	.5	.5	.5	.5	.5	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	24	1.6
13	1.9	1.5	1.3	1.4	1.5	1.9	1.5	1.1	1.2	1.5	1.6	1.4	1.5	1.5	1.4	1.4	1.5	1.3	1.1	1.0	.9	.8	.7	.7	24	1.9
14	.7	.7	.7	.7	.7	.8	.9	1.0	1.1	1.2	.9	.7	.7	.7	.7	.7	.7	.6	.7	.7	.6	1.3	3.0	2.5	24	3.0
15	.7	1.0	1.2	1.0	.7	.7	.7	.8	1.3	1.2	1.0	2.1	2.4	2.1	1.5	2.3	1.9	2.3	1.2	1.4	3.0	3.1	3.3	2.2	24	3.3
16	1.6	1.3	1.1	1.3	1.5	1.7	1.7	1.5	1.2	1.3	1.6	3.7	3.7	3.2	2.8	2.7	2.3	1.9	1.7	1.0	.8	.7	.7	.9	24	3.7
17	.6	.6	.7	.7	.8	.7	.8	.9	1.2	2.5	4.0	4.8	2.8	1.6	1.6	1.5	1.4	1.1	1.0	1.0	.8	.8	.8	1.0	24	4.8
18	1.0	.6	1.1	4.9	1.6	1.0	1.2	1.3	2.5	1.2	3.9	2.9	1.1	2.5	2.3	1.5	1.5	1.9	2.0	1.9	5.8	4.2	1.8	1.5	24	5.8
19	1.0	1.0	.9	.8	.8	.7	.7	.8	1.1	2.5	2.0	1.9	1.9	3.7	7.3	6.2	4.4	3.6	2.2	1.4	1.4	1.7	2.0	2.1	24	7.3
20	2.2	2.6	3.0	3.4	4.3	3.6	4.9	6.3	4.6	4.2	3.2	2.4	2.2	1.6	1.4	1.2	1.1	1.3	1.6	1.5	1.3	1.4	1.2	1.2	24	6.3
21	1.1	1.1	1.1	1.0	1.0	.9	.8	1.3	1.8	1.7	4.6	7.4	1.9	1.4	1.1	1.0	1.8	4.1	2.1	1.4	1.1	1.0	1.0	1.0	24	7.4
22	.8	.7	.7	.7	.7	.7	.6	.6	.6	.7	.7	.7	.7	.8	.8	.8	.8	.8	.8	.8	.8	.9	.9	1.0	24	1.0
23	1.0	1.1	1.2	1.2	1.1	1.2	1.7	2.8	9.5	12.9	12.2	8.4	7.9	7.4	9.2	8.2	7.1	5.6	3.0	1.8	1.3	1.3	1.2	1.2	24	12.9
24	1.3	2.3	2.5	2.2	2.7	1.7	1.2	1.3	1.3	1.0	.9	.9	.8	.9	.8	.8	.8	.8	.8	1.0	1.0	.9	.8	.8	24	2.7
25	.8	.8	.7	.8	.7	.7	.8	.9	1.0	1.0	1.1	2.6	3.8	3.8	3.8	4.1	2.4	2.6	1.5	1.5	1.3	1.3	1.1	1.1	24	4.1
26	1.1	1.1	1.1	1.1	2.6	3.3	1.7	BF	1.2	1.2	1.2	1.3	1.4	1.4	1.5	1.4	1.1	1.1	1.1	1.1	1.1	1.0	1.1	.9	23	3.3
27	.8	.8	.8	.7	.8	.8	.8	1.2	1.6	1.0	1.0	1.2	5.8	9.5	9.4	6.8	3.1	3.1	2.8	1.3	1.0	1.0	.9	.9	24	9.5
28	1.0	1.3	1.5	1.4	1.4	1.3	2.0	3.0	5.4	4.9	4.8	4.1	3.5	5.1	3.5	2.3	2.1	1.8	1.6	1.4	1.3	1.2	1.2	1.1	24	5.4
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	27	28	28	28	27	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:	6.4	6.4	4.1	4.9	4.3	3.6	4.9	6.3	9.5	12.9	12.2	8.4	7.9	9.5	9.9	12.5	18.6	5.6	5.1	2.2	5.8	4.2	3.3	3.3		
AVG:	1.29	1.30	1.23	1.20	1.14	1.07	1.09	1.23	1.68	1.85	2.29	2.31	2.20	2.58	2.72	2.80	2.54	1.73	1.44	1.16	1.35	1.25	1.19	1.18		

MONTHLY OBSERVATIONS: 670 MONTHLY MEAN: 1.66 MONTHLY MAX: 18.6

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.26351
LONGITUDE: -90.37993
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 142
PROBE HEIGHT: 3

SITE ID: 29-099-0027 POC: 1
COUNTY: (099) Jefferson
CITY: (31708) Herculaneum
SITE ADDRESS: MOTT STREET: 747 Mott Street, Herculaneum, 63048
SITE COMMENTS: Was relocated from the Main Street site. Doe Run had previously monitored Pb conce
MONITOR COMMENTS: RELOCATED FROM THE HERC., MAIN STREET (29-099-0004) IN 2011

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: MARCH 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.2	1.2	1.2	1.1	1.0	1.0	1.1	1.1	1.1	1.2	1.1	1.0	1.0	.9	.9	.9	1.6	1.1	1.0	1.0	1.0	1.1	.9	.7	24	1.6
2	.7	.7	.6	.7	.7	.7	.8	.8	.9	1.4	1.8	1.5	3.1	3.3	2.4	2.9	2.2	1.9	2.4	1.8	1.2	1.4	1.7	2.2	24	3.3
3	2.3	3.2	4.8	3.8	4.2	3.4	1.6	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	.9	.8	.8	.6	.6	.6	.6	.5	.6	24	4.8
4	.6	.7	.6	.6	.6	.6	.5	.6	.6	.6	.7	.6	.6	.7	.7	.7	.7	.7	.6	.7	.9	.9	1.0	1.1	24	1.1
5	1.5	1.7	1.6	1.8	1.9	3.5	1.8	1.6	6.2	4.1	1.9	1.1	1.0	1.0	1.1	1.2	1.1	1.0	.8	1.0	1.1	.9	.9	.8	24	6.2
6	.8	.7	.7	.7	.7	.7	.8	1.0	1.2	1.3	1.6	1.6	1.5	1.6	1.4	1.3	1.2	1.1	1.1	1.0	1.3	1.2	1.0	.9	24	1.6
7	.9	.8	.8	.8	.8	.8	.8	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	1.0	1.1	2.9	4.3	1.2	1.0	24	4.3
8	1.0	1.1	.9	.8	.7	.7	.7	.8	1.2	1.5	2.2	3.6	3.0	5.4	2.7	2.3	6.3	2.7	1.1	1.0	1.3	1.6	1.3	1.3	24	6.3
9	.8	.6	.6	.6	.6	.6	.7	.7	.9	1.1	1.1	1.5	2.7	6.0	9.8	3.0	1.4	.9	.8	.9	1.1	.8	.8	1.0	24	9.8
10	1.0	1.5	1.3	1.0	.8	.8	.7	.9	.8	.9	1.2	2.5	2.8	3.0	1.5	1.8	1.8	1.3	1.0	.8	.7	.6	.6	.6	24	3.0
11	.6	.6	.6	.5	.6	.6	.6	.5	.6	.8	.9	1.5	1.9	BF	2.4	1.8	3.4	1.9	2.2	2.2	1.4	1.1	.9	.9	23	3.4
12	.7	.7	.7	.6	.7	.6	.5	.5	.5	.7	.9	1.5	1.9	2.2	2.5	2.3	2.4	2.7	2.0	1.7	1.6	1.5	1.3	1.0	24	2.7
13	1.1	.8	.8	.7	.7	.7	.7	.7	.7	.7	.6	.6	.9	1.3	3.3	1.4	.8	.7	.6	.7	.8	.8	.7	.7	24	3.3
14	.6	.6	.5	.5	.6	.5	.5	.5	.7	.8	1.0	1.1	1.2	1.1	.8	.6	.6	.6	.5	.5	.4	.4	.4	.4	24	1.2
15	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	.8	.8	.8	.8	.7	.7	1.4	2.6	1.7	1.0	.7	.5	.5	.5	24	2.6
16	.4	.4	.4	.4	.4	.5	.5	.7	.9	1.0	.8	.8	.8	.8	.7	.7	.7	.7	.7	.7	.6	.6	.5	.4	24	1.0
17	.4	.4	.5	.6	1.3	1.1	1.0	.6	.5	.5	.4	.4	.8	1.0	1.5	1.2	1.2	1.2	.6	.5	.5	.4	.4	.5	24	1.5
18	.8	.6	.6	.7	1.2	1.7	.9	1.5	3.4	2.9	2.3	1.5	BF	1.6	1.7	1.5	.9	.8	.6	.7	1.1	3.2	3.5	2.0	23	3.5
19	2.0	1.9	1.3	.9	.8	.9	1.3	1.3	1.6	1.6	1.7	1.5	1.2	1.0	.8	1.5	1.4	1.8	1.5	1.4	1.2	.9	.7	.7	24	2.0
20	.6	.6	.5	.6	.7	.8	1.0	1.0	.9	.9	1.2	1.3	1.1	3.4	2.6	1.3	.9	.7	.6	.6	.6	.5	.5	.5	24	3.4
21	.5	.5	.5	.5	.5	.5	.5	.5	.6	2.1	4.4	3.2	1.4	1.0	.9	1.0	1.5	1.9	1.9	.9	.8	.7	.7	.6	24	4.4
22	.6	.5	.6	.6	.6	.9	.9	3.0	3.1	2.6	3.0	2.8	2.7	2.8	2.2	1.9	1.8	2.0	1.3	.9	.8	.7	.7	.7	24	3.1
23	.5	.5	.5	.5	.4	.6	1.9	2.7	2.7	1.5	.7	.6	.7	.7	.6	.7	1.0	1.1	1.6	2.0	1.9	2.2	1.9	2.2	24	2.7
24	1.1	.8	.7	.7	.7	.8	.9	.7	.6	.7	.8	.7	.8	.8	.8	.9	1.1	1.0	1.2	1.4	1.1	.9	.9	.8	24	1.4
25	.7	.6	.6	.6	.5	.5	.5	.6	.6	.6	.6	.7	1.0	1.7	1.5	2.2	4.5	1.7	.8	.6	.5	.5	.6	.9	24	4.5
26	1.7	1.9	1.2	.7	.6	.5	.5	.4	.5	.5	.5	.5	.6	.5	.5	.6	.5	.5	.6	.4	.4	.4	.4	.4	24	1.9
27	.4	.5	1.3	.6	.8	.5	.4	.5	.5	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.4	.5	.5	.5	.5	24	1.3
28	.6	.5	.6	.6	.5	.5	.6	.6	.6	1.3	1.6	1.6	1.6	1.4	1.4	1.3	1.3	1.4	2.3	1.8	.9	.7	.7	3.4	24	3.4
29	7.4	5.7	4.1	3.8	2.9	2.1	2.3	1.8	1.3	1.1	1.0	1.0	1.0	1.0	.9	1.1	1.1	.9	.8	.8	.7	.6	.6	.6	24	7.4
30	.5	.5	.5	.5	.5	.5	.5	.6	.7	.6	.8	1.2	1.6	1.3	1.3	1.2	.7	.6	.6	1.1	1.2	1.0	.8	.6	24	1.6
31	.6	.6	.6	.5	.5	.5	.6	.8	1.1	1.1	.8	.8	.7	.6	.7	.6	.7	.7	1.1	1.1	.8	.7	.6	.5	24	1.1
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	7.4	5.7	4.8	3.8	4.2	3.5	2.3	3.0	6.2	4.1	4.4	3.6	3.1	6.0	9.8	3.0	6.3	2.7	2.4	2.2	2.9	4.3	3.5	3.4		
AVG:	1.06	1.03	.99	.88	.90	.92	.85	.95	1.22	1.20	1.26	1.29	1.37	1.65	1.64	1.32	1.50	1.24	1.10	1.01	.99	1.04	.89	.94		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 1.13 MONTHLY MAX: 9.8

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.26351
LONGITUDE: -90.37993
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 142
PROBE HEIGHT: 3

SITE ID: 29-099-0027 POC: 1
COUNTY: (099) Jefferson
CITY: (31708) Herculaneum
SITE ADDRESS: MOTT STREET: 747 Mott Street, Herculaneum, 63048
SITE COMMENTS: Was relocated from the Main Street site. Doe Run had previously monitored Pb conce
MONITOR COMMENTS: RELOCATED FROM THE HERC., MAIN STREET (29-099-0004) IN 2011

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: APRIL 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.5	.5	.5	.4	.4	.5	.5	BF	2.5	2.1	1.5	5.9	11.5	3.1	7.3	6.7	1.6	1.5	1.7	2.0	1.5	1.4	1.2	.9	23	11.5
2	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	1.1	.9	.7	.5	.5	.6	2.3	2.6	1.4	1.2	.9	.6	.5	24	2.6
3	.5	.6	.5	.4	.4	.4	.4	.6	.5	.6	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.7	24	.7
4	.6	.7	.5	.4	.4	.4	.4	.5	.7	.9	1.3	.9	.8	.9	.9	1.2	4.8	5.0	1.5	1.2	1.2	.8	.5	.5	24	5.0
5	.5	.4	.4	.4	.4	.4	.4	.9	1.2	1.4	1.4	1.4	1.3	1.1	.8	.8	.7	.7	.6	.6	.6	.5	.5	.6	24	1.4
6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	.7	.7	.7	.5	.5	.4	.4	.4	.4	.5	24	.7
7	.4	.5	.6	.9	.8	.8	.8	.9	.8	.7	.5	.4	.5	.5	.6	.9	.7	.6	.5	.4	.4	.4	.4	.4	24	.9
8	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.6	.6	.6	.5	.4	1.1	.7	.4	.4	.3	.3	.5	24	1.1
9	.5	.5	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.3	.2	.3	24	.5
10	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	1.7	.8	.4	.6	.7	24	1.7
11	.5	.4	.4	.3	.3	.3	.4	.7	2.6	2.8	6.0	17.0	12.8	9.7	1.4	.8	.7	.8	1.0	.9	.6	.6	.7	5.1	24	17.0
12	2.5	2.6	1.6	1.1	1.0	1.1	4.0	4.1	3.7	4.8	4.9	3.4	2.4	1.7	1.0	1.3	1.3	2.5	1.1	1.0	1.6	4.0	3.6	2.7	24	4.9
13	3.6	3.6	1.8	6.5	4.6	2.7	.7	.5	.5	.5	.5	.4	.5	.8	1.1	.8	.8	.7	.6	.6	2.1	4.1	3.2	3.1	24	6.5
14	3.6	2.5	3.0	3.1	1.7	.9	1.1	.8	.7	.6	.6	.6	.6	BF	.7	.6	.6	.6	.6	.6	.6	.6	.6	.9	23	3.6
15	1.4	1.7	1.6	1.7	1.5	1.3	1.3	2.3	BF	BC	2.5	1.9	2.1	2.4	2.1	2.1	2.1	1.9	2.6	1.8	1.4	2.2	2.1	1.3	22	2.6
16	1.1	1.0	.6	.4	.5	.6	.6	1.0	1.2	1.1	1.6	2.3	2.0	2.7	1.3	1.4	3.1	1.7	1.1	1.0	.8	.7	.5	.4	24	3.1
17	.3	.3	.3	.3	.3	.3	.4	.5	.5	1.0	1.2	1.4	1.2	.6	.6	.5	.5	.4	.6	.7	.7	.6	.4	.4	24	1.4
18	.3	.3	.3	.3	.3	.3	.3	.4	.6	.9	6.8	9.9	12.5	2.2	1.3	1.4	1.4	1.4	1.2	1.1	.9	.8	.7	.7	24	12.5
19	.5	.5	.7	.8	.5	.6	.4	.5	.5	.5	.5	.5	.4	.3	.3	.3	.2	.3	.3	.2	.2	.2	.2	.2	24	.8
20	.2	.3	.2	.2	.3	.3	.3	.3	.4	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	24	.4
21	.3	.3	.3	.3	.3	.3	.4	.4	.4	.5	.4	.4	.5	.5	.5	.4	.4	.4	.4	.4	.4	.3	.3	.3	24	.5
22	.5	.4	.3	.3	.3	.3	.5	.5	1.7	2.3	1.3	2.6	1.2	.5	.5	.6	.6	1.0	1.2	.9	1.1	.9	.7	.4	24	2.6
23	.4	.4	.4	.3	.3	.4	.5	.7	1.9	3.1	2.1	1.3	.9	.8	.5	.5	.5	.5	.5	.5	.4	.4	.4	.3	24	3.1
24	.4	.4	.4	.4	.4	.7	1.5	3.5	3.1	4.8	7.5	5.5	2.1	1.3	1.6	.9	.7	.6	.6	.6	.6	.5	.5	.9	24	7.5
25	1.5	1.5	1.1	1.2	.5	.8	.7	.5	.5	.5	.4	.5	.6	.5	.5	.4	.5	.9	.8	.7	1.1	.6	.5	.7	24	1.5
26	.5	.6	.9	.8	.4	.3	.3	.5	.5	.5	.5	.6	.8	1.1	1.2	1.3	1.6	1.1	.6	.5	.4	.4	.5	.5	24	1.6
27	.4	.3	.3	.3	.3	.4	.5	1.1	1.4	1.5	2.3	1.5	1.4	2.0	1.8	2.0	1.3	.6	.5	.5	.5	.4	.4	.4	24	2.3
28	.4	.4	.4	.3	.3	.3	.9	1.1	.8	.6	.7	BF	BF	BF	1.6	1.5	1.5	1.6	1.7	1.0	.6	.4	.4	.4	21	1.7
29	.4	.4	.4	.3	.3	.4	.4	.5	.9	1.1	1.2	1.2	1.0	.9	.5	.5	.5	.6	.6	.5	.4	.4	.3	.4	24	1.2
30	.3	.3	.3	.3	.3	.3	.4	1.2	1.7	2.2	1.5	1.3	.7	.5	.5	.6	.5	.6	.8	.5	.5	.6	.5	.4	24	2.2
31																									0	
NO.:	30	30	30	30	30	30	30	29	29	29	30	29	29	28	30	30	30	30	30	30	30	30	30	30		
MAX:	3.6	3.6	3.0	6.5	4.6	2.7	4.0	4.1	3.7	4.8	7.5	17.0	12.8	9.7	7.3	6.7	4.8	5.0	2.6	2.0	2.1	4.1	3.6	5.1		
AVG:	.80	.77	.66	.79	.63	.57	.67	.90	1.09	1.29	1.68	2.23	2.12	1.35	1.07	1.03	.99	1.05	.89	.77	.75	.83	.73	.85		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: 1.02 MONTHLY MAX: 17.0

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.26351
LONGITUDE: -90.37993
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 142
PROBE HEIGHT: 3

SITE ID: 29-099-0027 POC: 1
COUNTY: (099) Jefferson
CITY: (31708) Herculaneum
SITE ADDRESS: MOTT STREET: 747 Mott Street, Herculaneum, 63048
SITE COMMENTS: Was relocated from the Main Street site. Doe Run had previously monitored Pb conce
MONITOR COMMENTS: RELOCATED FROM THE HERC., MAIN STREET (29-099-0004) IN 2011

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: MAY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.4	.3	.3	.4	.3	.4	.4	.5	.4	.5	.5	.5	.6	.9	.7	.8	2.7	3.1	.8	1.0	.8	.5	.4	.4	24	3.1
2	.4	.4	.4	.4	.4	.4	.7	.8	.8	.9	.8	.7	.7	.7	.6	.6	.6	1.0	.7	1.4	4.5	2.8	1.7	1.4	24	4.5
3	1.5	1.8	1.9	1.5	1.1	.8	.9	1.3	1.0	1.0	.7	.6	.6	.6	.6	.6	.7	.6	.7	.7	.8	.8	.8	.8	24	1.9
4	.7	.6	.9	.9	.7	.7	1.1	1.0	.9	.7	.9	.9	.6	.6	.6	.5	.5	.4	.5	.5	.5	.5	.6	.5	24	1.1
5	.5	.5	.4	.4	.4	.4	.5	.7	.9	.9	.6	.5	.4	.4	.4	.4	.4	.5	1.1	.7	.9	2.5	1.3	.7	24	2.5
6	.5	.4	.3	.3	.3	.4	.6	1.4	.9	.6	.5	.5	.5	.5	.6	.9	.8	.8	.9	.8	1.1	1.6	1.2	1.2	24	1.6
7	1.1	1.9	1.3	2.0	.8	1.1	3.6	4.1	1.5	.7	.6	.5	.8	.7	.7	.8	.8	.7	.6	.5	.5	.6	.9	.6	24	4.1
8	.5	.5	.5	.8	1.2	1.5	1.4	1.2	.8	.7	.6	.5	.4	.6	.5	.4	.4	.4	.4	.3	.3	.4	.3	.3	24	1.5
9	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	1.6	1.0	.7	.6	.8	.4	.3	.3	.3	.2	.2	24	1.6
10	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.7	1.5	24	1.5
11	2.0	1.0	.5	.3	.3	.2	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	24	2.0
12	.2	.2	.2	.2	.2	.2	.3	.4	1.1	2.4	2.1	3.3	1.4	1.0	1.4	2.3	2.8	3.1	2.0	.8	.4	.3	.3	.3	24	3.3
13	.3	.3	.3	.3	.3	.3	.4	.3	BF	BF	2.0	1.4	.6	.6	.7	.8	1.0	1.2	1.2	1.0	.8	.7	.7	.8	22	2.0
14	.8	.7	.7	.7	.8	.9	1.4	2.0	3.7	2.2	2.3	9.3	5.0	3.3	.9	.8	.8	.6	.6	.6	.6	.6	.6	.5	24	9.3
15	.5	.5	.4	.4	.4	.4	.6	.7	.7	.7	.5	.5	.4	.4	.4	.4	.4	.4	.9	1.5	1.8	.9	.6	.9	24	1.8
16	.7	.7	.6	.4	.5	.6	.6	.4	.4	.4	.3	.5	.3	.4	.5	.5	.6	.7	.5	.5	.8	1.0	1.1	.7	24	1.1
17	.4	.3	.3	.3	.3	.3	.2	.2	.2	.5	.7	.3	.2	.3	.2	.2	.3	.3	.3	.4	.3	.4	.3	.3	24	.7
18	.3	.3	.3	.2	.3	.2	.3	.3	.4	.4	.4	.4	.3	.3	.3	.3	1.0	2.0	.8	.6	.6	.7	.6	.4	24	2.0
19	.4	.3	.3	.3	.4	.4	.3	.3	.3	.3	.3	.3	.6	1.3	2.5	1.5	.9	1.7	1.4	1.6	.8	.5	.4	.4	24	2.5
20	.4	.6	.6	.6	.7	1.0	1.6	1.5	1.1	.7	.6	.5	.5	.4	.4	.4	.4	.4	.6	.4	.4	.4	.4	.6	24	1.6
21	.5	.4	.4	.4	.4	.4	.4	.4	.3	.4	.4	.3	.3	.4	.6	.8	1.2	2.5	3.4	1.2	.5	.4	.4	.3	24	3.4
22	.3	.3	.3	.3	.3	.3	.3	.3	.9	1.4	1.1	1.0	.9	.8	.7	.6	.6	.6	.5	.5	.5	.6	.4	.4	24	1.4
23	.4	.4	.3	.3	.3	.3	.4	1.2	2.0	1.1	1.1	1.5	2.0	2.2	5.3	10.8	9.8	1.4	1.0	1.0	.8	1.0	.9	1.9	24	10.8
24	3.7	2.2	10.8	2.9	1.3	1.1	3.4	4.6	2.0	.8	.6	.5	.5	.5	.5	.5	.6	.6	.7	.5	.4	.4	.5	.5	24	10.8
25	.3	.3	.3	.3	.3	.3	.2	.2	.3	.2	.2	.3	.3	.3	.3	.4	.3	.4	.4	.4	.4	.5	.8	.9	24	.9
26	.9	.6	.4	.4	.5	1.0	.5	.3	.4	.5	.5	.3	.3	.3	.2	.2	.3	.2	.3	.3	.3	.3	.3	.4	24	1.0
27	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	1.2	.9	.5	.4	.3	.3	24	1.2
28	.3	.3	.3	.3	.2	.3	.3	BF	.6	2.7	6.0	7.3	3.5	1.4	.5	.4	.3	.4	.5	.4	.5	.4	.7	.6	23	7.3
29	.6	.4	.4	.4	.3	.3	.4	.4	.5	.6	.6	.5	.4	.4	.3	.4	.3	.4	.3	.3	.6	.8	.7	.5	24	.8
30	.4	.6	.4	.3	.3	.3	.3	.3	.3	.3	.5	.5	.5	.4	.3	.3	.3	.3	.2	.3	.3	.2	.2	.2	24	.6
31	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.3	.3	.2	.3	.3	.3	.9	1.0	.5	.3	.2	24	1.0
NO.:	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	3.7	2.2	10.8	2.9	1.3	1.5	3.6	4.6	3.7	2.7	6.0	9.3	5.0	3.3	5.3	10.8	9.8	3.1	3.4	1.6	4.5	2.8	1.7	1.9		
AVG:	.65	.57	.80	.55	.46	.50	.72	.87	.79	.76	.86	1.12	.77	.72	.74	.91	.98	.86	.77	.67	.73	.69	.61	.61		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: .74 MONTHLY MAX: 10.8

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.26351
LONGITUDE: -90.37993
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 142
PROBE HEIGHT: 3

SITE ID: 29-099-0027 POC: 1
COUNTY: (099) Jefferson
CITY: (31708) Herculaneum
SITE ADDRESS: MOTT STREET: 747 Mott Street, Herculaneum, 63048
SITE COMMENTS: Was relocated from the Main Street site. Doe Run had previously monitored Pb conce
MONITOR COMMENTS: RELOCATED FROM THE HERC., MAIN STREET (29-099-0004) IN 2011

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JUNE 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.2	.2	.2	.5	.8	.5	.5	.4	.4	.4	.3	.4	.5	.4	.4	.5	.7	.5	.5	.4	.3	.3	.3	.3	24	.8
2	.3	.3	.4	.3	.5	.5	.4	.4	.3	.3	.3	.3	.3	.3	.3	.4	.6	.7	1.7	5.6	.7	.3	.3	.3	24	5.6
3	.2	.4	.3	.3	.2	.2	.2	.3	.4	.7	.5	.6	.5	.7	1.0	.5	.5	.5	.5	.5	.4	.4	.3	.3	24	1.0
4	.3	.3	.2	.2	.2	.2	.3	.4	.5	.6	.6	.4	.4	.3	.3	.9	6.4	3.8	1.5	.7	.5	.4	.3	.3	24	6.4
5	.3	.3	.3	.3	.2	.2	.2	.2	.3	.9	.6	.4	.4	.4	.6	.6	1.6	1.3	2.0	1.0	.6	.5	.5	.5	24	2.0
6	.4	.3	.4	.4	.4	.4	.5	.6	.7	.7	.7	.7	.7	1.0	2.9	2.7	1.6	1.2	1.3	1.0	.8	.5	.5	.5	24	2.9
7	.4	.4	.3	.3	.4	.3	.4	.4	.4	.3	.4	.4	.4	.3	.4	.3	.3	.3	.4	.3	.3	.5	.5	.4	24	.5
8	.5	.4	.4	.4	.4	.3	.3	.3	.3	.3	.6	1.4	BF	BF	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	22	1.4
9	.4	.4	.3	.3	.2	.3	.3	.4	.4	.5	.4	.4	.5	.5	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	24	.5
10	.3	.3	.3	.3	.3	.3	.3	.5	.8	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	24	.8
11	.4	.4	.4	.4	.3	.3	.5	.5	.4	.3	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	24	.5
12	.4	.4	.5	.4	.4	.4	.4	.3	.4	.7	.6	.5	.4	.4	.3	.3	.4	.3	.4	.4	.4	.4	.4	.4	24	.7
13	.4	.4	.4	.3	.4	.4	.4	.5	.4	.4	.4	.4	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	24	.5
14	.4	.4	.4	.4	.5	.5	.5	.5	.4	.3	.3	.4	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	24	.5
15	.4	.4	.4	.3	.4	.4	.4	.4	.4	.5	.4	.4	.3	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	24	.5
16	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	24	.3
17	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.3	.2	.3	.3	.3	.3	.3	24	.3
18	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.6	.4	.3	.3	.3	.2	.3	24	.6
19	.3	.2	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.3	.2	.3	.5	.6	1.1	.7	.5	.4	.4	.3	24	1.1
20	.4	.3	.2	.2	.1	.2	.1	.5	.4	.2	.2	.2	.2	.3	.3	.3	.4	.3	.4	.3	.3	.3	.3	.4	24	.5
21	.6	.6	.9	2.6	2.5	2.0	1.2	.7	.8	.7	.7	.5	.4	.4	.4	.3	.3	.3	.4	.3	.4	.3	.3	.3	24	2.6
22	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	24	.4
23	.3	.4	.4	.3	.3	.3	.3	.4	1.0	1.1	2.1	4.3	15.8	4.9	1.1	.6	.5	.5	.5	.5	.6	1.1	1.0	.6	24	15.8
24	.5	.4	.4	.4	.3	.4	.4	.5	.6	1.1	1.3	1.9	1.4	BF	1.0	1.0	2.9	2.5	1.2	.8	.6	.5	.7	1.0	23	2.9
25	1.6	1.3	1.0	.6	.5	.5	.5	1.8	1.4	1.5	4.2	1.5	.7	.5	.5	.4	.4	.4	.4	2.0	1.2	.6	.5	.4	24	4.2
26	.5	.5	.4	.4	.4	.3	.4	.7	.9	1.4	2.8	.8	.5	.4	.4	.4	.3	.4	.6	.6	.4	.4	.5	.5	24	2.8
27	.5	.4	.4	.4	.4	.4	.4	.6	2.0	.6	.6	.6	.5	.5	.5	.4	.5	.5	.4	.4	.4	.4	.3	.4	24	2.0
28	.3	.3	.3	.3	.3	.3	.4	.4	.5	.5	.5	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.3	24	.5
29	.3	.3	.3	.3	.3	.3	.4	2.1	1.0	.5	.7	1.7	1.2	4.8	6.0	5.4	3.8	1.6	.8	.6	.6	.5	.4	.4	24	6.0
30	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.7	.6	.7	.7	.5	.5	.5	.5	.4	.4	.4	.4	24	.7
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	29	28	30	30	30	30	30	30	30	30	30	30		
MAX:	1.6	1.3	1.0	2.6	2.5	2.0	1.2	2.1	2.0	1.5	4.2	4.3	15.8	4.9	6.0	5.4	6.4	3.8	2.0	5.6	1.2	1.1	1.0	1.0		
AVG:	.40	.38	.37	.41	.41	.38	.37	.51	.55	.55	.71	.70	.99	.72	.71	.66	.89	.69	.63	.70	.46	.42	.40	.39		

MONTHLY OBSERVATIONS: 717 MONTHLY MEAN: .56 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.

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.26351
LONGITUDE: -90.37993
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 142
PROBE HEIGHT: 3

SITE ID: 29-099-0027 POC: 1
COUNTY: (099) Jefferson
CITY: (31708) Herculaneum
SITE ADDRESS: MOTT STREET: 747 Mott Street, Herculaneum, 63048
SITE COMMENTS: Was relocated from the Main Street site. Doe Run had previously monitored Pb conce
MONITOR COMMENTS: RELOCATED FROM THE HERC., MAIN STREET (29-099-0004) IN 2011

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JULY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.4	.4	.4	.3	.3	.3	.3	.2	.2	.2	.3	.3	.3	.3	.3	1.3	.7	.4	.4	.3	.3	.3	.5	.6	24	1.3
2	.4	.3	.3	.3	.2	.2	.2	.2	.2	.7	6.3	2.9	1.8	7.3	7.4	1.5	.8	.7	.8	.6	.6	.6	.7	.8	24	7.4
3	.7	.7	.7	.6	.5	.6	1.9	11.4	2.9	1.0	3.5	6.0	6.5	5.2	4.7	2.1	1.4	1.0	.7	.9	1.0	.7	.6	.5	24	11.4
4	.4	.4	.3	.3	.3	.3	.3	.5	1.0	.9	1.0	.8	.8	.8	.8	.8	.8	1.0	.7	.6	.6	.5	.5	.5	24	1.0
5	.4	.4	.3	.3	.3	.3	.3	.4	.5	.6	.6	.5	.7	1.6	9.1	8.8	4.2	1.4	.8	.7	.5	.5	.5	.5	24	9.1
6	.5	.4	.4	.4	.4	.3	.3	.3	.4	.4	.4	.5	.6	.5	.4	.4	.4	.4	.4	.3	.3	.4	.3	.4	24	.6
7	.4	.4	.4	.3	.3	.3	.3	.4	.3	.3	.3	.3	.4	.3	.3	.3	.9	2.6	.9	.5	.3	.3	.3	.2	24	2.6
8	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	BF	.4	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	23	.4
9	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	2.2	4.5	2.8	1.6	1.7	.8	.6	.6	.6	.4	24	4.5
10	.4	.4	.4	.3	.3	.3	.3	.3	.3	.4	2.0	1.4	.9	.8	1.8	7.0	5.2	2.7	1.5	.9	.6	.5	.4	.4	24	7.0
11	.4	.4	.3	.4	.3	.4	.5	.4	.4	.4	.4	.7	.6	.5	.5	.5	.7	.8	.6	.5	.4	.4	.4	.4	24	.8
12	.4	.4	.4	.3	.3	.7	2.5	1.7	1.0	.6	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.3	.3	.4	.3	24	2.5
13	.3	.4	.4	.3	.3	.3	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	24	.4
14	.3	.3	.3	.3	.3	.3	.4	.4	.5	.6	1.7	2.2	.8	.5	.4	.4	.4	.4	.4	.4	.9	2.0	1.3	.9	24	2.2
15	.6	.7	.6	.6	.5	.5	.5	.4	.4	.4	.4	.4	.5	.5	.6	.5	.4	.4	.4	.5	.4	.4	.6	.7	24	.7
16	.6	.4	.4	.4	.7	1.1	1.1	1.1	1.1	1.1	1.0	1.0	.8	.7	.5	.4	.4	.4	.4	.4	.4	.3	.4	.3	24	1.1
17	.3	.4	.4	.4	.3	.4	.4	.4	.4	.5	.6	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.4	.4	.4	24	.6
18	.3	.3	.4	.4	.3	.4	.4	.4	.5	.5	.6	.6	.5	.5	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	24	.6
19	.4	.4	.4	.4	.4	.4	.5	.5	.4	.4	.5	.4	.4	.4	1.8	3.0	1.4	1.2	.8	2.3	2.2	1.1	.7	.5	24	3.0
20	.5	.5	.5	.5	.6	.5	.4	.4	.4	.4	.4	.5	.8	.8	.5	.4	.4	.4	.3	.3	.3	.4	.4	.3	24	.8
21	.3	.3	.3	.3	.3	.4	.4	.5	.7	.6	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	24	.7
22	.4	.3	.3	.3	.7	.7	.6	1.0	1.3	.9	4.9	5.0	1.1	.9	1.0	.9	.7	.6	1.0	1.0	.9	.9	.9	.9	24	5.0
23	.7	.7	.6	.6	.8	.8	.9	.8	.8	1.2	2.2	2.2	2.5	2.0	1.9	1.6	1.3	1.0	.9	.8	.8	.6	.5	.6	24	2.5
24	.7	.7	.6	.6	.6	.5	.7	.9	4.1	BF	BF	5.0	3.9	5.9	5.3	4.4	2.7	2.0	2.1	2.3	1.6	1.3	1.0	.9	22	5.9
25	.9	.8	.6	.5	.5	.4	.5	.5	.5	1.1	3.1	3.5	1.3	14.2	4.5	1.8	3.6	2.6	1.3	.8	.6	.5	.4	.4	24	14.2
26	.4	.4	.4	.4	.4	.6	.4	.5	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.3	24	.6
27	.4	.4	.3	.4	.4	.3	.4	.4	.3	.3	.3	.3	.4	.4	.4	.3	.4	.3	.4	.6	.8	.7	1.0	.7	24	1.0
28	.5	.5	.5	.5	.5	.4	.5	.4	.4	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.4	.4	24	.5
29	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	24	.5
30	.4	.4	.3	.4	.3	.4	.3	.4	.5	1.7	7.6	4.6	3.2	2.3	.8	.4	.4	.5	.5	.5	.4	.4	.4	.4	24	7.6
31	.4	.4	.4	.4	.4	.4	.3	.7	.8	1.0	.9	.8	.8	.9	.8	.9	2.6	1.4	.7	.5	.5	.4	.4	.4	24	2.6
NO.:	31	31	31	31	31	31	31	31	31	30	29	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.9	.8	.7	.6	.8	1.1	2.5	11.4	4.1	1.7	7.6	6.0	6.5	14.2	9.1	8.8	5.2	2.7	2.1	2.3	2.2	2.0	1.3	.9		
AVG:	.44	.43	.41	.39	.40	.43	.55	.86	.71	.61	1.44	1.40	1.05	1.62	1.59	1.46	1.15	.87	.67	.63	.58	.55	.52	.48		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: .80 MONTHLY MAX: 14.2

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.26351
LONGITUDE: -90.37993
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 142
PROBE HEIGHT: 3

SITE ID: 29-099-0027 POC: 1
COUNTY: (099) Jefferson
CITY: (31708) Herculaneum
SITE ADDRESS: MOTT STREET: 747 Mott Street, Herculaneum, 63048
SITE COMMENTS: Was relocated from the Main Street site. Doe Run had previously monitored Pb conce
MONITOR COMMENTS: RELOCATED FROM THE HERC., MAIN STREET (29-099-0004) IN 2011

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: AUGUST 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.4	.5	.4	.4	.4	.3	.4	.9	1.1	.7	.8	1.2	2.8	4.3	4.9	7.1	6.5	4.0	2.7	1.7	1.0	.6	.5	.5	24	7.1
2	.5	.4	.5	.4	.4	.4	.4	.5	.5	.5	.6	.6	.6	.5	.4	.4	.4	.5	.6	.5	.4	.5	.5	.4	24	.6
3	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.5	.5	.5	1.0	2.1	1.3	.6	.4	.4	.4	.4	.4	24	2.1
4	.4	.4	.4	.4	.3	.4	.5	.4	.5	.9	1.2	1.1	.7	.6	.5	.6	.6	.8	.6	.5	.5	.4	.5	.5	24	1.2
5	.4	.4	.4	.4	.3	.4	.4	.4	.4	.5	2.7	2.5	1.0	2.0	1.8	1.1	.8	.7	.4	.4	.4	.4	.3	2.0	24	2.7
6	3.6	1.6	.9	.8	.6	.5	.4	.5	.5	.5	.9	.7	.7	3.3	BF	BF	1.7	1.3	1.0	.7	.5	.4	.4	.4	22	3.6
7	.4	.4	.4	.4	.4	.5	.4	2.2	3.5	2.8	1.2	1.0	1.3	1.0	5.1	6.7	5.5	4.5	3.1	1.6	.8	.6	.5	.5	24	6.7
8	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	1.8	3.9	1.1	1.9	3.2	2.0	3.9	1.6	1.1	.7	.6	.5	.5	.4	24	3.9
9	.4	.3	.3	.3	.4	.3	.5	.6	1.2	2.7	2.4	3.7	1.4	.7	.6	.5	.4	.3	.3	.4	.3	.4	.3	.3	24	3.7
10	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.2	.2	.8	.5	.3	.3	.3	.3	.4	.3	.3	.3	24	.8
11	.3	.3	.3	.2	.3	.3	.3	.4	.4	.3	.4	.5	.6	.5	.5	.3	.3	.3	.5	.4	.5	.4	.3	.3	24	.6
12	.3	.3	.3	.3	.3	.3	.3	.9	5.2	6.6	5.1	3.4	2.3	3.6	3.6	2.5	3.0	4.3	2.5	1.2	.7	.5	.5	.3	24	6.6
13	.4	.4	.4	.3	.3	.3	.4	.4	.6	.8	3.0	6.1	6.2	4.8	5.4	5.2	4.4	3.9	3.8	1.8	.8	.5	.4	.4	24	6.2
14	.4	.4	.4	.4	.3	.4	.3	.5	1.2	.9	.9	6.4	6.6	3.7	2.6	1.7	1.8	1.9	1.5	.8	.5	.5	.4	.4	24	6.6
15	.4	.4	.3	.3	.3	.3	.3	.5	.9	1.2	2.8	2.2	1.3	1.1	1.4	2.1	2.9	2.1	1.8	.9	.6	.4	.4	.4	24	2.9
16	.4	.4	.4	.4	.4	.4	.3	.7	.8	.6	1.3	1.2	1.3	.8	.9	1.0	3.8	2.3	.9	.8	.7	.6	.5	.4	24	3.8
17	.4	.3	.4	.4	.4	.4	.5	.6	.5	.5	.5	.5	.9	6.3	6.2	5.5	6.5	1.0	.6	.5	.4	.4	.4	.3	24	6.5
18	.4	.4	.4	.4	.4	.4	.5	.5	.4	.4	.8	.7	.6	.7	.6	.4	.4	.4	.3	.4	.4	.3	.4	.5	24	.8
19	.5	.4	.3	.3	.2	.2	.2	.2	.3	.3	.3	BF	BF	.3	.3	.3	.3	.3	.4	.2	.3	.2	.2	.2	22	.5
20	.3	.2	.2	.2	.2	.2	.3	.3	.4	2.8	2.5	2.7	.6	.4	.4	.4	.4	.5	.4	.4	.4	.4	.3	.3	24	2.8
21	.3	.3	.3	.3	.4	.3	.4	.3	.4	.7	1.7	10.7	4.8	3.9	5.5	15.1	7.6	2.6	.9	.8	.7	.5	.5	.6	24	15.1
22	.4	.4	.4	.5	1.3	4.3	7.7	7.8	4.6	3.0	1.4	1.9	2.2	2.0	.9	.7	.5	.5	.5	.5	.8	1.3	.6	.7	24	7.8
23	.6	.4	.4	.3	.2	.2	.2	.3	.3	.3	.3	.4	.4	.3	.9	3.0	.6	.4	.5	.4	.4	.3	.3	.3	24	3.0
24	.3	.3	.3	.3	.3	.3	.3	.3	.3	.6	2.7	3.6	2.4	2.5	2.2	2.1	1.3	.6	.4	.4	.4	.3	.3	.3	24	3.6
25	.3	.3	.3	.3	.3	.3	.4	.3	.5	.6	.4	.4	.5	1.8	3.0	3.3	3.6	2.1	.9	.4	.4	.4	.3	.3	24	3.6
26	.3	.3	.3	.3	.3	.4	.5	.4	.5	.6	.6	.8	1.0	1.0	.6	1.2	4.2	1.6	.8	.5	.4	.4	.3	.4	24	4.2
27	.3	.3	.3	.3	.3	.3	.4	.5	.8	.8	.7	1.4	.9	.7	.7	.7	.9	1.8	1.1	.8	.6	.5	.4	.4	24	1.8
28	.3	.4	.3	.3	.3	.3	.3	.4	.5	1.2	1.3	.8	2.8	2.8	2.4	1.5	1.4	.9	.5	.5	.5	.5	.5	.7	24	2.8
29	1.2	2.4	3.4	1.5	2.1	1.1	1.3	2.4	1.7	.8	.6	.5	.4	.4	.4	.5	.4	.4	.5	.4	.4	.4	.5	.5	24	3.4
30	.4	.4	.4	.3	.3	.3	.3	.4	.5	.5	.5	.6	.7	.8	.7	.6	.5	.5	.4	.4	.5	.4	.4	.4	24	.8
31	.4	.4	.5	.4	.4	.4	.4	.4	.6	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	24	.6
NO.:	31	31	31	31	31	31	31	31	31	31	31	30	30	31	30	30	31	31	31	31	31	31	31	31		
MAX:	3.6	2.4	3.4	1.5	2.1	4.3	7.7	7.8	5.2	6.6	5.1	10.7	6.6	6.3	6.2	15.1	7.6	4.5	3.8	1.8	1.0	1.3	.6	2.0		
AVG:	.51	.47	.48	.40	.43	.50	.64	.81	.98	1.09	1.31	2.03	1.57	1.74	1.91	2.28	2.17	1.42	.98	.65	.52	.45	.40	.45		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 1.00 MONTHLY MAX: 15.1

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.26351
LONGITUDE: -90.37993
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 142
PROBE HEIGHT: 3

SITE ID: 29-099-0027 POC: 1
COUNTY: (099) Jefferson
CITY: (31708) Herculaneum
SITE ADDRESS: MOTT STREET: 747 Mott Street, Herculaneum, 63048
SITE COMMENTS: Was relocated from the Main Street site. Doe Run had previously monitored Pb conce
MONITOR COMMENTS: RELOCATED FROM THE HERC., MAIN STREET (29-099-0004) IN 2011

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: SEPTEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.4	.4	.3	.4	.4	.3	.4	.4	.4	.4	.4	.5	.6	.6	.6	.5	.4	.4	.4	.4	.4	.4	.4	.4	24	.6
2	.4	.4	.3	.4	.4	.4	.4	.4	BF	.5	.5	.6	.7	.6	.6	.5	.5	.5	.5	.5	.4	.4	.4	.4	23	.7
3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.6	.9	.8	.6	.6	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	24	.9
4	.3	.4	.4	.4	.4	.4	.4	.5	.5	.6	.8	.6	.5	.4	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	24	.8
5	.4	.4	.4	.4	.4	.4	.4	.7	.6	.8	2.5	2.1	2.0	1.9	1.9	3.7	10.0	6.8	2.5	1.4	.8	.5	.6	.5	24	10.0
6	.5	.4	.4	.4	.4	.4	.3	.6	1.0	.9	.8	.8	.7	.7	.6	.5	.8	.5	.5	.5	.5	.5	.4	.4	24	1.0
7	.4	.4	.4	.4	.4	.4	.4	.3	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.5	.5	.4	.4	24	.5
8	.4	.4	.4	.4	.3	.4	.3	.4	.4	.6	.7	.5	.5	.4	.4	.4	.4	.3	.3	.4	.4	.4	.4	.4	24	.7
9	.4	.4	.3	.3	.4	.4	.3	.4	.4	.4	.4	.9	2.2	2.7	2.3	1.2	.6	1.6	1.6	.9	.6	.5	.4	.4	24	2.7
10	.3	.3	.3	.3	.3	.3	.3	.4	.5	.6	.6	.9	.6	.7	.5	.4	.4	.4	.3	.4	.4	.6	.5	.4	24	.9
11	.4	.4	.4	.3	.5	.5	.4	.5	.4	.4	.6	.4	.4	.3	.4	.4	.6	.7	.4	.5	.6	.9	.9	.6	24	.9
12	.4	.4	.3	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.6	.5	.4	.4	.4	.4	24	.6
13	.3	.3	.3	.3	.3	.3	.3	.4	.4	.3	15.2	3.3	2.7	.7	.4	.4	.5	.5	.5	.6	.5	.5	.4	.3	24	15.2
14	.3	.3	.3	.3	.3	.4	.9	2.1	.7	.8	.7	.7	1.1	.9	BF	BF	.7	.7	.7	.7	.6	.6	.5	.5	22	2.1
15	.6	.5	.4	.4	.5	.7	1.7	2.4	2.4	1.1	.8	.8	.7	.7	.7	.8	.7	.7	.8	.6	.7	.7	.5	.4	24	2.4
16	.3	.3	.3	.4	1.2	2.4	2.6	2.5	1.6	1.1	.7	.6	.6	.5	.5	.6	.6	.7	.7	.8	.6	.7	.7	.7	24	2.6
17	.7	.6	.7	.6	.5	.7	.7	.8	.5	.5	.7	.6	.5	.6	.9	.7	.5	.5	.5	.6	.6	.5	.6	.8	24	.9
18	.7	.6	.6	.4	.4	.4	.4	.4	.4	.4	.5	.7	.7	.7	.7	.6	.5	.5	.4	.5	.5	.7	.7	.7	24	.7
19	.6	.5	.4	.4	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3	.3	.4	.3	.4	.6	.4	.4	.4	.4	.3	24	.6
20	.3	.3	.3	.3	.3	.3	.3	.5	.8	.6	.6	.5	.4	.4	.5	.5	.4	.5	.4	.3	.3	.3	.3	.3	24	.8
21	.4	.3	.3	.3	.3	.4	.4	.4	.9	1.1	2.6	3.7	2.9	4.1	6.9	10.3	3.4	1.6	.8	.6	.5	.4	.4	.4	24	10.3
22	.3	.4	.3	.3	.3	.3	.4	.4	1.0	2.3	2.0	2.0	5.0	16.3	9.2	2.7	7.4	3.5	2.0	.8	.6	.5	.4	.3	24	16.3
23	.3	.3	.3	.3	.3	.3	.4	.5	.6	1.2	7.4	40.9	10.6	2.6	2.4	2.2	2.3	2.1	1.5	.7	.5	.4	.3	.3	24	40.9
24	.3	.3	.3	.3	.3	.3	.4	.4	.7	1.1	1.4	2.5	2.1	2.5	1.9	1.3	1.3	.9	.6	.4	.4	.3	.3	.3	24	2.5
25	.3	.3	.3	.3	.3	.3	.3	.5	4.4	8.9	37.8	18.8	3.2	1.9	1.2	.9	.8	.8	.8	.7	.5	.4	.4	.4	24	37.8
26	.3	.4	.3	.4	.4	.5	.5	.6	.9	.8	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.3	.3	.3	24	.9
27	.4	.3	.4	.4	.3	.3	.4	.4	.6	4.4	5.0	5.5	5.7	2.6	1.3	.7	.7	.5	.5	.4	.5	.4	.4	.4	24	5.7
28	.3	.3	.3	.5	.6	.5	.5	.6	.7	1.0	.9	.6	.6	6.6	6.8	4.2	1.2	1.0	.8	.6	.5	.4	.4	.4	24	6.8
29	.3	.3	.3	.3	.2	.3	.3	.2	.2	.3	.3	.6	.8	BF	BF	.7	.4	.3	.3	.7	.9	1.3	1.3	1.1	22	1.3
30	.8	.9	1.1	1.2	1.8	3.2	2.2	3.7	5.5	11.5	4.9	10.4	9.3	3.1	3.7	5.0	2.8	.8	.5	.7	.8	1.1	.7	1.0	24	11.5
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	30	30	30	30	29	28	29	30	30	30	30	30	30	30	30		
MAX:	.8	.9	1.1	1.2	1.8	3.2	2.6	3.7	5.5	11.5	37.8	40.9	10.6	16.3	9.2	10.3	10.0	6.8	2.5	1.4	.9	1.3	1.3	1.1		
AVG:	.41	.40	.38	.40	.44	.55	.58	.75	.97	1.48	3.05	3.40	1.91	1.89	1.68	1.44	1.35	.98	.70	.57	.52	.53	.49	.47		

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 1.05 MONTHLY MAX: 40.9

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.26351
LONGITUDE: -90.37993
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 142
PROBE HEIGHT: 3

SITE ID: 29-099-0027 POC: 1
COUNTY: (099) Jefferson
CITY: (31708) Herculaneum
SITE ADDRESS: MOTT STREET: 747 Mott Street, Herculaneum, 63048
SITE COMMENTS: Was relocated from the Main Street site. Doe Run had previously monitored Pb conce
MONITOR COMMENTS: RELOCATED FROM THE HERC., MAIN STREET (29-099-0004) IN 2011

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: OCTOBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.1	1.7	2.2	1.5	1.2	1.1	1.1	3.5	5.3	6.8	6.1	1.7	1.5	2.6	2.4	1.7	1.3	.6	.5	.9	.8	.8	.7	.8	24	6.8
2	.8	.9	1.3	1.6	1.7	1.5	4.2	5.4	6.3	3.0	2.5	1.2	2.3	1.3	3.6	1.2	.8	.7	.6	.7	.6	.5	.6	.6	24	6.3
3	.6	.6	.5	.9	1.0	.6	.5	.5	.4	.4	.6	2.2	2.3	5.0	2.1	4.7	1.4	.8	.9	.8	.5	.4	.4	.4	24	5.0
4	.3	.3	.3	.3	.4	1.2	2.3	3.7	3.7	2.0	2.8	6.9	1.7	.8	.7	.6	.5	.5	.4	.4	.4	.4	.3	.3	24	6.9
5	.3	.3	.3	.3	.3	.4	.5	3.1	6.0	3.8	9.0	2.0	1.1	1.1	.9	.8	.8	.7	.7	.6	.4	.4	.4	.3	24	9.0
6	.3	.3	.3	.3	.3	.3	.3	1.6	6.7	5.3	11.8	4.5	2.1	1.5	1.2	1.1	.8	.7	.7	.7	.6	.5	.5	.6	24	11.8
7	.5	.4	.4	.5	.5	.5	.5	1.0	1.6	1.3	1.2	.9	3.1	4.7	1.5	.7	.8	.7	.5	.4	.4	.3	.3	.3	24	4.7
8	.3	.3	.3	.3	.3	.3	.3	.3	.5	.7	.6	.4	.4	.5	.4	.3	.3	.4	.4	.3	.4	.3	.3	.3	24	.7
9	.3	.2	.4	.3	.3	.3	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.6	.7	1.4	24	1.4
10	.3	.3	.2	.2	.2	.3	.3	.4	1.0	.8	.5	1.4	4.5	3.1	2.6	1.2	.9	.6	.4	.3	.3	.2	.3	.2	24	4.5
11	.3	.3	.3	.3	.4	.3	.3	.4	.4	.4	.4	.4	.4	.6	.7	.6	.6	.5	.6	.7	.6	.5	.4	.3	24	.7
12	.3	.4	.5	.5	.3	.3	.3	.5	.7	.7	2.2	2.8	1.8	1.7	2.6	.4	.4	.4	.5	.4	.4	.5	.4	.5	24	2.8
13	1.0	.7	.4	.3	.3	.3	.4	.6	1.4	4.6	4.6	.9	.5	.5	.4	.4	.5	.5	.4	.4	.4	.4	.3	.3	24	4.6
14	.3	.3	.3	.3	.3	.3	.3	.4	.4	.5	1.1	4.9	1.3	3.2	2.8	BF	4.2	1.0	.7	.4	.4	.3	.3	.3	23	4.9
15	.3	.4	.3	.4	.3	.4	.4	.5	.6	2.9	3.7	2.7	1.6	1.3	2.5	2.2	1.0	.7	.7	.6	.6	.6	.9	.5	24	3.7
16	.5	.5	.5	.4	.4	.3	.3	.4	.5	.5	.4	.4	.4	.5	.5	.5	.5	.6	.8	.7	.4	.6	.4	.4	24	.8
17	.4	.5	.5	.7	.6	.6	.5	.5	.8	.6	.6	.7	.8	.7	.7	.9	1.3	1.1	.7	.5	.5	.4	.4	.4	24	1.3
18	.4	.4	.4	.4	.4	.4	.4	.5	.9	3.0	6.8	8.7	10.5	11.6	10.0	10.4	7.1	3.0	3.4	2.2	1.1	.8	.7	.7	24	11.6
19	.6	.8	1.0	.9	2.3	2.1	2.5	3.7	2.5	.9	.8	1.0	1.1	.8	.8	1.1	1.2	1.1	1.0	1.0	.9	.7	1.0	1.9	24	3.7
20	1.4	.7	.5	.5	.4	.4	.6	.9	1.1	1.3	.8	.9	1.1	1.0	1.3	1.0	.7	.8	.9	.8	.9	1.0	1.1	.9	24	1.4
21	1.0	.8	1.4	2.1	4.1	3.7	2.2	1.7	1.1	.9	.8	1.1	1.0	.9	.8	.9	1.0	.8	.8	.8	.8	.8	.7	.6	24	4.1
22	.5	.4	.3	.3	.3	.4	.4	.5	.6	.9	1.1	.9	.8	1.2	2.4	7.9	3.2	2.1	2.0	2.0	1.5	1.9	1.8	.9	24	7.9
23	1.0	.6	.9	4.0	4.2	5.1	5.7	6.6	6.7	3.8	2.7	1.3	.7	.6	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	24	6.7
24	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.3	.4	.3	.3	.3	.3	.3	2.7	2.1	.5	.5	.3	.3	.3	24	2.7
25	.3	.2	.3	.4	.5	.4	.5	.9	.7	.5	.6	.6	.5	.4	.4	.4	.4	.4	.4	.4	.3	.5	.5	.7	24	.9
26	.7	.7	.6	.6	.6	.5	.7	.8	1.8	2.6	2.5	1.7	1.7	1.2	1.0	1.5	1.9	1.7	1.7	.8	.9	.8	.5	.5	24	2.6
27	.7	.5	.5	.5	.6	.5	.5	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.3	24	.7
28	.3	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	BF	BF	.4	.3	.2	.2	.3	.3	22	.4
29	.2	.2	.3	.3	.6	.5	.3	.4	.5	.4	.3	.3	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	24	.6
30	.3	.3	.3	.3	.3	.4	.4	.5	.7	.7	4.8	9.8	9.9	7.2	6.0	1.9	.5	.6	.7	.8	1.5	2.3	1.4	.9	24	9.9
31	1.1	1.4	2.8	2.4	1.7	1.1	1.3	1.1	.9	.8	.7	.7	.6	.5	.5	.4	.4	.4	.4	.3	.3	.3	.3	.3	24	2.8
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31		
MAX:	1.4	1.7	2.8	4.0	4.2	5.1	5.7	6.6	6.7	6.8	11.8	9.8	10.5	11.6	10.0	10.4	7.1	3.0	3.4	2.2	1.5	2.3	1.8	1.9		
AVG:	.54	.51	.61	.72	.82	.81	.93	1.35	1.78	1.66	2.29	2.01	1.78	1.81	1.64	1.49	1.14	.85	.80	.65	.58	.59	.56	.55		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 1.10 MONTHLY MAX: 11.8

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.26351
LONGITUDE: -90.37993
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 142
PROBE HEIGHT: 3

SITE ID: 29-099-0027 POC: 1
COUNTY: (099) Jefferson
CITY: (31708) Herculaneum
SITE ADDRESS: MOTT STREET: 747 Mott Street, Herculaneum, 63048
SITE COMMENTS: Was relocated from the Main Street site. Doe Run had previously monitored Pb conce
MONITOR COMMENTS: RELOCATED FROM THE HERC., MAIN STREET (29-099-0004) IN 2011

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: NOVEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.4	.6	6.5	11.8	14.8	5.2	4.5	1.8	.8	.5	.7	.7	.6	.4	24	14.8
2	.4	.4	.3	.3	.3	.3	.4	.4	.3	.4	.7	.8	.8	1.0	12.8	28.7	16.0	18.1	14.9	12.3	15.6	4.5	1.6	1.1	24	28.7
3	.8	.6	.5	.5	1.5	1.3	.7	.5	.5	.6	.7	.7	.9	5.2	7.4	6.9	2.2	.8	.8	1.3	4.1	3.1	1.9	1.4	24	7.4
4	1.2	.7	.5	.4	.4	.4	.4	.3	.4	.4	.8	2.1	3.0	7.6	4.3	4.3	2.7	3.5	2.1	1.2	.8	.7	.5	.5	24	7.6
5	.5	.6	.7	.7	1.0	1.8	1.6	1.5	1.9	1.9	1.3	.7	.5	.5	.4	.3	.3	.3	.4	.3	.3	.4	.3	.3	24	1.9
6	.3	.3	.2	.3	1.4	.9	1.7	.8	.5	.4	.9	1.3	2.9	2.0	.5	.4	.4	.4	.4	.4	.4	.4	.3	.3	24	2.9
7	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.9	1.6	.5	.4	.3	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	24	1.9
8	.3	.3	.3	.3	.3	.4	.4	.4	.4	1.2	1.5	1.2	.9	.7	1.1	2.2	.7	.5	.4	.3	.3	.3	.3	.3	24	2.2
9	.3	.3	.3	.3	.3	.3	.4	.4	.4	.6	3.7	4.1	2.5	4.2	6.8	6.0	4.7	2.7	1.7	.7	.5	.4	.4	.4	24	6.8
10	.3	.4	.3	.3	.3	.3	.4	.5	1.0	1.3	2.0	2.8	2.3	3.2	6.2	3.3	1.4	1.0	1.4	2.5	2.8	4.8	3.3	2.0	24	6.2
11	2.0	2.3	2.9	2.1	2.6	3.3	3.0	2.3	2.2	1.9	1.8	BF	BF	.8	.6	.6	.5	.5	.5	.4	.4	.4	.5	.4	22	3.3
12	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.5	.4	.5	.5	.5	.5	.5	.6	.6	.5	.5	.5	.5	.5	24	.6
13	.5	.4	.3	.4	.3	.4	.4	.4	.6	.7	.5	.6	.8	1.1	1.0	.8	.8	.7	.5	.6	.5	.4	.4	.4	24	1.1
14	.4	.4	.4	.4	.4	.4	.4	.5	.7	.9	.9	.8	.7	.6	.6	.6	.6	.6	.7	.7	.7	.6	.5	.5	24	.9
15	.4	.4	.4	.4	.4	.4	.5	.5	.5	.6	.8	.8	.9	1.3	1.4	1.2	.9	.9	.9	.9	1.7	2.6	2.4	3.4	24	3.4
16	3.1	2.5	2.2	1.1	.6	.6	.5	.4	.4	.6	.5	.6	.6	.6	.9	1.1	.9	1.4	1.2	.8	.8	.9	.9	.8	24	3.1
17	.7	.7	.7	.7	.6	.5	.5	.6	.7	.6	1.0	.9	.9	.8	1.2	3.1	4.2	1.7	3.1	1.3	.8	.7	.7	.6	24	4.2
18	.6	.6	.5	.4	.4	.4	.4	.4	.3	.4	.4	.5	.4	BF	.6	.5	.4	.4	.4	.3	.3	.4	.3	.3	23	.6
19	.3	.3	.3	.4	.4	.3	.3	.4	.4	.5	.5	.5	.5	.5	.5	.5	.4	.4	.3	.4	.3	.4	.4	.4	24	.5
20	.4	.4	.4	.4	.4	.4	.4	.5	.7	2.1	5.8	2.7	3.8	3.5	1.1	1.2	1.1	5.9	8.1	5.7	3.4	5.1	4.5	2.4	24	8.1
21	1.5	1.0	1.7	.9	.9	.6	.6	.5	.5	.6	.7	.5	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	.4	.4	24	1.7
22	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	.6	1.6	3.1	7.8	5.8	2.8	2.3	1.5	.7	.6	.6	.6	.7	.9	24	7.8
23	.7	.8	.6	.5	.5	.5	.5	.6	.7	.8	.9	.8	.7	.7	.7	.6	.7	.7	4.1	.9	.6	.6	.5	.5	24	4.1
24	.5	.4	.5	.5	.4	.4	.5	.6	9.1	5.8	4.7	2.9	2.8	10.7	38.8	1.7	7.1	24.2	2.4	5.9	13.9	29.9	24.8	15.1	24	38.8
25	3.7	40.5	9.0	6.0	18.7	22.3	4.0	5.6	6.5	1.8	1.4	1.1	1.0	1.0	.9	.9	2.6	6.3	4.5	2.2	1.8	2.1	2.2	10.2	24	40.5
26	2.4	1.3	1.3	1.2	1.1	1.1	1.2	1.0	.9	1.0	.8	.7	.7	.6	.8	.8	.7	2.0	3.4	3.3	2.1	1.7	.9	.7	24	3.4
27	.7	.6	.7	.7	.7	.6	.5	.8	.8	.5	.4	.4	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	24	.8
28	.5	.4	.4	.5	.5	.4	.5	.5	.4	.4	.5	.6	.8	.6	.5	.4	.4	.4	.5	.6	.7	.8	1.0	.9	24	1.0
29	.9	.9	1.0	1.2	1.3	1.4	1.4	1.3	1.3	1.1	1.1	1.2	1.3	1.1	.9	.8	.8	.7	.8	.8	.7	.6	.6	.6	24	1.4
30	.6	.6	.6	.6	.7	.8	.6	.6	.6	.7	.7	.8	1.4	1.7	1.7	1.5	1.3	1.0	1.0	.8	.7	.7	.6	.6	24	1.7
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	29	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	3.7	40.5	9.0	6.0	18.7	22.3	4.0	5.6	9.1	5.8	5.8	4.1	6.5	11.8	38.8	28.7	16.0	24.2	14.9	12.3	15.6	29.9	24.8	15.1		
AVG:	.85	1.98	.94	.76	1.26	1.39	.78	.79	1.14	1.03	1.27	1.14	1.46	2.45	3.80	2.60	2.01	2.68	1.93	1.58	1.90	2.18	1.76	1.57		

MONTHLY OBSERVATIONS: 717 MONTHLY MEAN: 1.64 MONTHLY MAX: 40.5

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.26351
LONGITUDE: -90.37993
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 142
PROBE HEIGHT: 3

SITE ID: 29-099-0027 POC: 1
COUNTY: (099) Jefferson
CITY: (31708) Herculaneum
SITE ADDRESS: MOTT STREET: 747 Mott Street, Herculaneum, 63048
SITE COMMENTS: Was relocated from the Main Street site. Doe Run had previously monitored Pb conce
MONITOR COMMENTS: RELOCATED FROM THE HERC., MAIN STREET (29-099-0004) IN 2011

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: INDUSTRIAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: DECEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.5	.5	.5	.5	.4	.4	.3	.4	.4	.4	.4	.5	.5	BF	.5	.5	.4	.5	.5	.5	.4	.4	.4	.4	23	.5
2	.4	.4	.4	.4	.4	.4	.5	.4	.5	.5	.5	.6	.5	.5	.4	.4	.4	.4	.4	.5	.5	.6	.6	.5	24	.6
3	.5	.4	.4	.4	.4	.4	.4	.5	.4	.7	1.9	4.6	5.5	5.2	4.8	4.4	3.6	2.1	1.5	1.3	1.0	.6	.6	.5	24	5.5
4	.5	.5	.5	.5	.6	.5	.5	.6	.8	1.0	.9	1.0	1.1	3.0	4.3	2.2	1.3	.7	.6	.8	1.0	.9	1.0	.7	24	4.3
5	.5	.5	.6	.5	.5	.7	.6	.6	.8	4.8	16.4	8.6	5.7	4.0	4.1	3.9	1.5	1.3	1.1	1.7	3.0	4.6	4.6	2.3	24	16.4
6	.9	5.5	2.1	.8	.7	.6	.5	.5	.7	1.0	1.4	1.6	1.4	1.2	1.1	1.1	1.0	1.0	.9	.8	.7	.7	.7	.7	24	5.5
7	.6	.5	.4	.5	.5	.5	.5	.5	.5	.6	.8	1.7	1.7	2.3	4.2	1.6	.7	2.2	1.8	5.0	6.2	15.4	3.7	1.6	24	15.4
8	.8	.7	.6	.6	.6	.5	.6	.7	.9	1.1	1.1	.9	.8	.7	1.2	1.0	1.1	1.3	1.1	1.1	1.1	1.0	1.1	.9	24	1.3
9	.8	.8	.7	.6	.5	.4	.4	.5	.7	1.7	7.3	.9	1.2	1.0	.6	.6	.7	.6	.5	.5	.5	.5	.5	.5	24	7.3
10	.5	.5	.5	.5	.5	.5	.5	.6	.8	.9	.9	.6	.6	.7	.8	.8	.7	1.3	1.0	.7	.6	.6	.5	.5	24	1.3
11	.5	.5	.5	.4	.4	.4	.5	.6	.6	.5	.6	.9	1.0	1.5	1.1	.7	.6	.6	.5	.6	.5	.6	.5	.6	24	1.5
12	.6	.5	.5	.5	.4	.4	.5	.6	.7	.8	.8	.7	.6	.5	.5	.5	.7	.7	1.5	2.2	2.0	1.5	1.2	1.0	24	2.2
13	.8	.8	.7	.7	.9	1.2	1.3	1.2	1.0	1.4	1.3	1.1	.9	.8	.8	.8	.7	1.9	2.5	1.8	3.0	1.2	.6	.4	24	3.0
14	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.4	24	.4
15	.4	.4	.4	.3	.3	.3	.3	.4	.3	.6	3.0	8.0	3.8	15.2	8.9	4.7	1.5	.8	.6	.6	.6	.6	1.3	5.4	24	15.2
16	4.1	3.4	1.8	1.2	1.4	1.0	.8	BF	BF	1.0	.8	.5	.4	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	22	4.1
17	.4	.4	.5	.4	.4	.4	.4	.4	.4	.5	.4	.4	.5	1.8	3.2	1.8	.7	2.4	4.4	5.2	3.2	1.1	1.4	.9	24	5.2
18	.8	.6	.6	.5	.5	.6	.6	.7	.8	.7	.7	.7	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	24	.8
19	.5	.4	.4	.4	.5	.5	.5	.5	.5	.8	.9	.8	.9	1.9	5.9	5.2	2.7	.9	3.3	5.1	4.4	2.8	1.8	1.4	24	5.9
20	1.2	1.0	.8	.8	.9	1.1	.9	.8	.7	.7	.7	.7	.8	.8	1.0	.9	.8	.9	.7	.7	.7	.6	.7	.8	24	1.2
21	.7	.6	.6	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7	.6	.6	2.0	1.2	.6	.5	.5	.4	24	2.0
22	.4	.4	.4	.4	.4	.4	.4	.4	.4	4.1	22.3	12.9	5.8	5.9	7.0	4.0	2.3	2.5	4.4	1.8	1.0	1.1	1.0	.9	24	22.3
23	.7	.8	.7	.6	.6	.6	.6	.5	.4	.4	.5	.4	.4	.4	.4	.5	.4	.4	.4	.4	.3	.3	.3	.3	24	.8
24	.3	.3	.3	.3	.3	.3	.3	.4	.3	1.5	3.7	1.4	1.4	3.2	4.2	4.3	3.6	3.0	1.9	1.2	1.1	1.0	.9	.8	24	4.3
25	.8	.8	.6	.7	.5	.5	.4	.4	.9	.8	.7	.7	.8	.8	.7	.7	.6	.5	.5	.5	.5	.5	.6	.9	24	.9
26	1.3	1.4	1.2	1.0	.8	.7	.6	.6	1.6	1.5	.8	.8	.7	.6	.5	.5	.6	.6	.5	.5	.5	.5	.5	.5	24	1.6
27	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.6	.5	.5	.5	.5	.4	.4	.4	.4	24	.6
28	.4	.4	.4	.4	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.4	.3	.3	.3	.3	.3	.3	24	.4
29	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	24	.4
30	.5	.6	.7	.9	.8	1.1	1.6	2.1	1.1	BF	.6	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.5	.5	23	2.1
31	.5	.5	.5	.5	.6	.5	.6	.8	3.5	5.5	3.6	.7	.6	.5	.6	.5	1.0	1.1	.7	.6	.6	.6	.5	.5	24	5.5
NO.:	31	31	31	31	31	31	31	30	30	30	31	31	31	30	31	31	31	31	31	31	31	31	31	31		
MAX:	4.1	5.5	2.1	1.2	1.4	1.2	1.6	2.1	3.5	5.5	22.3	12.9	5.8	15.2	8.9	5.2	3.6	3.0	4.4	5.2	6.2	15.4	4.6	5.4		
AVG:	.71	.81	.62	.55	.54	.54	.55	.58	.72	1.18	2.41	1.74	1.31	1.86	1.94	1.46	1.00	1.01	1.16	1.24	1.19	1.33	.91	.85		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 1.09 MONTHLY MAX: 22.3

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.4749761538
LONGITUDE: -91.788990978
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 218
PROBE HEIGHT:

SITE ID: 29-137-0001 POC: 1
COUNTY: (137) Monroe
CITY: (00000) Not in a city
SITE ADDRESS: MARK TWAIN STATE PARK: 20057 State Park Office Road, Stoutville, MO 65283
SITE COMMENTS: US EPA REGION VII IS GRANTING A WAIVER IN REGARDS TO THE PROXIMITY OF THE MONITOR]
MONITOR COMMENTS: THIS MONITOR HAS TEMPORARILY BEEN DISCONTINUED AS OF 20100930.

STATE: (29) Missouri
AQCR: (137) NORTHERN MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: UNKNOWN
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JANUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.0	1.0	1.0	1.0	1.0	1.0	.8	.7	.6	1.1	1.2	.9	.6	.6	.5	.5	.5	.5	.6	.6	.6	.6	.6	.6	24	1.2
2	.6	.6	.6	.6	.6	.7	.8	.7	.7	1.2	3.1	5.5	2.6	2.9	2.7	2.0	1.3	1.2	.7	.6	.7	.6	.6	.9	24	5.5
3	.7	.6	.7	1.1	.8	.8	.9	.7	.6	.5	.5	.5	.5	.4	.5	.5	.4	.5	.4	.4	.4	.5	.4	.4	24	1.1
4	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.4	.5	.5	.5	.6	.5	.5	.5	.6	.5	.5	.5	24	.6
5	.5	.5	.5	.6	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	1.0	.9	.8	.8	1.4	.8	.7	.5	24	1.4
6	.5	.5	.6	.7	.8	1.0	1.1	1.9	1.6	1.2	1.1	1.1	BF	BF	.9	.7	.7	6.1	3.1	.6	1.4	1.6	.6	.8	22	6.1
7	.9	.6	.5	.9	.8	.7	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.6	.5	.6	.6	.6	.5	.5	.5	24	.9
8	.5	.4	.6	.6	.6	1.9	1.0	1.0	.8	.7	.7	.7	.6	.6	.9	.7	1.0	1.0	.9	1.0	1.4	.6	.7	.5	24	1.9
9	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7	.7	.7	.7	.8	.8	.8	.8	.7	.6	.7	.7	.7	.6	24	.8
10	.6	.6	.6	.6	.6	.7	.5	.6	1.0	.8	1.3	1.2	.8	.6	.6	.7	.7	.7	.7	.8	.7	.7	.6	.7	24	1.3
11	.8	1.1	1.1	.9	.8	.7	.7	.7	.8	.8	.8	.9	.9	.8	.7	.7	.6	.5	.5	.5	.5	.6	.5	.4	24	1.1
12	.5	.5	.6	.5	.6	.6	.7	.7	.7	.8	.8	.7	.7	.8	.8	.7	.8	.7	.7	.7	.7	.7	.7	.7	24	.8
13	.8	.8	.7	.9	.9	.8	.8	.9	1.2	1.6	1.9	1.9	2.0	1.6	1.4	1.2	1.1	1.5	1.7	1.0	1.2	1.1	1.1	.9	24	2.0
14	.8	.6	.7	.7	.6	.6	.7	.6	.9	1.2	1.6	2.4	3.2	2.8	2.1	1.9	1.9	1.8	2.9	2.5	1.6	1.3	1.4	1.8	24	3.2
15	1.4	1.1	1.3	1.5	1.3	.9	.8	.7	.9	1.3	1.1	.8	.9	1.0	1.3	1.7	1.8	1.8	1.1	1.0	1.0	1.1	1.0	.9	24	1.8
16	.8	.7	.7	.6	.5	.5	.4	.6	.7	2.2	2.2	1.6	1.5	3.0	2.0	2.1	.8	.7	.7	.7	.6	.7	.7	.7	24	3.0
17	.8	.8	.8	.8	.7	.7	.8	.8	.8	.8	1.4	1.0	.9	.9	1.3	1.5	1.6	.7	.6	.8	.8	.7	.6	.5	24	1.6
18	.9	1.3	1.2	1.3	1.1	1.0	1.2	1.3	1.1	1.1	1.5	1.2	2.6	.8	.8	.9	.9	.8	.7	.7	.7	.8	.7	.6	24	2.6
19	.6	.5	.5	.6	.6	.5	.5	.5	.6	.7	4.6	3.0	1.9	1.9	1.9	2.2	2.0	1.5	1.3	1.0	1.0	.6	.6	.5	24	4.6
20	.7	.8	.8	.8	.8	.7	.8	.8	.9	1.0	.9	.9	.9	.9	.8	1.6	2.0	.7	.7	.7	.8	1.2	1.4	1.4	24	2.0
21	1.0	.8	.8	.8	.8	.9	1.1	1.1	1.0	BL	BL	BF	.6	.6	.7	.8	.6	.7	.6	.6	.6	.5	.5	.5	21	1.1
22	.5	.5	.5	.6	.5	.5	.6	.5	.6	.6	.5	.6	.5	.5	.6	.5	.5	.6	.6	.6	.6	.6	.6	.6	24	.6
23	.6	.5	.6	.6	.5	.6	.6	.6	.5	.6	.7	1.4	1.9	2.4	1.9	1.2	1.3	1.6	1.4	1.2	.9	.8	.8	.8	24	2.4
24	.7	.7	.7	.6	.6	.7	.7	.6	.7	.7	1.2	1.1	.8	.8	.9	1.0	1.3	1.5	1.0	1.0	.9	1.9	.8	.8	24	1.9
25	.8	.9	.8	.6	.6	.6	.6	.6	.6	.5	.5	.7	.6	.6	.6	.6	.6	.6	.5	.6	.5	.6	.6	.6	24	.9
26	.6	.6	.6	.6	.5	.5	.5	.8	.7	.7	1.0	2.1	2.7	1.5	.9	1.3	.9	.8	.6	.7	.7	.7	.7	.6	24	2.7
27	.6	.6	.8	.7	.7	.6	.6	.6	.7	.7	.6	.7	.7	.6	.6	.6	.6	.8	.8	.7	.6	.6	.6	.7	24	.8
28	.9	1.0	1.5	1.4	1.3	1.2	1.0	1.1	1.0	1.2	1.8	1.8	1.7	1.5	1.3	1.1	.9	.9	.8	1.0	1.1	1.1	1.0	1.0	24	1.8
29	1.0	1.1	1.1	.7	.6	.6	.5	.5	.6	.6	.6	.6	.6	.6	.6	.5	.6	.5	.6	.6	.5	.6	.6	.6	24	1.1
30	.6	.5	.6	.5	.6	.5	.6	.6	.6	.6	.6	1.0	1.2	1.0	.8	.7	.7	.7	.8	.7	.7	.7	.6	.7	24	1.2
31	.6	.7	1.0	1.5	1.6	1.4	1.4	1.2	1.3	1.9	1.3	1.0	.8	.7	.7	.6	.6	.6	.6	.6	.5	.7	.8	.9	24	1.9
NO.:	31	31	31	31	31	31	31	31	31	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	1.4	1.3	1.5	1.5	1.6	1.9	1.4	1.9	1.6	2.2	4.6	5.5	3.2	3.0	2.7	2.2	2.0	6.1	3.1	2.5	1.6	1.9	1.4	1.8		
AVG:	.72	.71	.76	.78	.74	.75	.74	.76	.78	.91	1.19	1.25	1.17	1.09	1.01	1.00	.96	1.05	.91	.79	.81	.80	.72	.72		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: .88 MONTHLY MAX: 6.1

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.4749761538
LONGITUDE: -91.788990978
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 218
PROBE HEIGHT:

SITE ID: 29-137-0001 POC: 1
COUNTY: (137) Monroe
CITY: (00000) Not in a city
SITE ADDRESS: MARK TWAIN STATE PARK: 20057 State Park Office Road, Stoutville, MO 65283
SITE COMMENTS: US EPA REGION VII IS GRANTING A WAIVER IN REGARDS TO THE PROXIMITY OF THE MONITOR]
MONITOR COMMENTS: THIS MONITOR HAS TEMPORARILY BEEN DISCONTINUED AS OF 20100930.

STATE: (29) Missouri
AQCR: (137) NORTHERN MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: UNKNOWN
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: FEBRUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.1	1.1	1.1	1.3	1.2	1.0	.9	.8	.7	.6	.7	.7	.6	.6	.8	.7	.9	.9	.7	.7	.7	.7	.7	.7	24	1.3
2	.7	.6	.7	.7	.8	.7	.6	.6	.7	.8	.7	.7	.7	.7	3.3	2.7	.7	.7	.6	.7	.8	.9	.7	.6	24	3.3
3	.6	.9	1.1	1.2	1.4	1.3	1.3	1.2	1.4	1.6	BF	1.8	2.3	1.2	1.0	1.0	.9	.8	.8	.7	.8	.9	2.0	2.4	23	2.4
4	2.6	1.7	.9	.9	1.1	.9	.8	.8	.7	.9	1.1	.7	.8	.7	.8	.8	.7	.7	.7	.7	.6	.9	1.3	1.4	24	2.6
5	1.0	.9	.8	.8	.7	.7	.7	.7	1.0	.9	.9	.8	.8	.8	.8	.9	.9	.9	.8	.7	.7	.7	.7	.6	24	1.0
6	.7	.6	.6	.7	.9	.9	.7	.8	1.0	1.4	1.4	1.1	.8	.8	.7	1.0	1.5	1.2	.8	.8	.8	.7	.7	1.1	24	1.5
7	1.2	1.1	1.6	1.6	1.4	1.8	1.1	.9	.9	.9	1.3	1.6	1.5	1.1	1.0	1.1	1.1	1.0	1.0	1.2	1.1	1.0	.9	.9	24	1.8
8	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.2	1.0	1.0	.8	.9	.9	.8	1.3	1.6	.9	.7	.7	.7	24	1.6
9	.6	.6	.6	.7	.8	.9	.7	.6	.7	.9	.8	.8	.8	1.1	.9	.7	.7	.7	.8	.8	.8	1.0	1.7	1.5	24	1.7
10	1.0	1.0	.9	.8	.8	.9	.8	.8	.8	.8	.8	.8	.7	.9	1.1	1.2	1.4	1.3	.9	1.1	1.9	2.3	1.9	1.4	24	2.3
11	1.2	1.0	.7	1.0	1.0	1.2	1.1	1.0	.9	.7	.7	.7	.7	.7	.6	.6	.6	.7	.6	.6	.6	.7	.6	.7	24	1.2
12	.6	.6	.6	.6	.7	.7	.7	.6	.7	.7	.7	.8	.7	.8	.9	.9	.9	.9	.8	.8	.8	.7	.6	.7	24	.9
13	.8	1.0	.7	.7	.6	.7	.7	.7	.7	.7	.6	.7	.9	1.1	1.8	1.0	.9	1.0	1.0	.9	1.1	1.2	1.3	1.0	24	1.8
14	1.0	.9	1.0	1.0	.9	.9	1.0	.8	.7	.7	.8	.8	.8	.8	.8	.8	.7	.7	.7	.7	.7	.8	.7	1.4	24	1.4
15	1.3	1.1	1.0	.9	.9	.9	.9	.9	1.0	1.1	1.4	1.5	1.3	.9	.9	.8	.8	.8	.7	.8	.8	.9	.8	.8	24	1.5
16	.8	.8	.8	.9	1.1	1.1	1.0	1.0	1.2	2.5	2.8	2.6	2.2	2.0	1.9	1.9	1.7	1.7	1.5	1.3	1.4	1.2	1.7	1.8	24	2.8
17	1.3	1.4	1.2	1.6	2.7	4.9	4.1	1.9	1.4	1.4	.9	.8	.8	.8	.8	1.9	2.5	1.7	.8	.8	1.0	.8	.7	.7	24	4.9
18	.7	.7	.6	.7	.8	.7	.8	.8	.9	1.2	BF	BF	1.2	1.1	1.2	1.2	1.0	1.0	1.1	1.2	1.3	1.2	1.0	1.1	22	1.3
19	.9	.8	.8	.9	.8	1.0	1.5	1.0	1.7	1.9	2.0	1.7	1.6	1.5	1.4	1.6	1.7	1.7	1.5	1.4	1.2	1.2	1.2	1.2	24	2.0
20	1.3	1.5	1.9	2.6	3.0	3.4	3.9	4.3	3.0	1.6	1.4	1.5	1.3	1.3	1.2	1.1	1.0	1.0	.9	.8	.7	.8	.7	.7	24	4.3
21	.7	.7	.8	.7	.7	.8	.8	.8	.8	.9	.9	1.0	1.1	.9	.9	.8	.9	.8	.8	.8	.8	.7	.7	.7	24	1.1
22	.8	.8	.8	.7	.7	.8	.9	1.2	1.2	1.0	.9	1.0	1.1	1.1	1.2	1.1	.9	.9	1.0	.9	.8	.8	.8	.9	24	1.2
23	.8	.8	.9	.8	.9	.9	.9	.9	1.1	1.2	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.2	1.1	24	1.3
24	1.0	1.1	1.3	3.4	3.1	2.5	1.7	1.1	1.1	.9	.8	.9	1.0	1.1	1.8	1.8	1.5	1.4	1.2	1.0	.9	.9	.8	.8	24	3.4
25	.9	.7	.7	.8	.7	.8	.7	.7	.9	1.0	1.0	1.1	1.4	1.4	1.3	1.4	1.4	1.7	2.0	1.7	1.5	1.2	1.1	1.0	24	2.0
26	1.2	1.3	1.5	1.1	1.1	1.0	1.0	.9	.9	1.0	1.1	1.1	1.3	1.2	1.1	1.2	1.1	1.2	1.1	.9	1.1	1.5	1.8	2.6	24	2.6
27	2.5	1.8	1.3	1.4	1.2	1.1	1.0	.9	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.0	.9	.9	.9	1.1	1.7	1.5	1.4	1.2	24	2.5
28	1.0	1.0	1.1	1.5	2.4	2.3	2.0	2.0	2.3	2.5	2.2	3.5	2.7	2.2	2.0	2.2	2.1	2.9	2.4	2.6	2.8	2.5	2.0	1.7	24	3.5
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	26	27	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:	2.6	1.8	1.9	3.4	3.1	4.9	4.1	4.3	3.0	2.5	2.8	3.5	2.7	2.2	3.3	2.7	2.5	2.9	2.4	2.6	2.8	2.5	2.0	2.6		
AVG:	1.05	.98	.96	1.11	1.19	1.28	1.19	1.06	1.09	1.14	1.13	1.19	1.15	1.07	1.19	1.19	1.12	1.11	1.02	1.01	1.05	1.05	1.09	1.12		

MONTHLY OBSERVATIONS: 669 MONTHLY MEAN: 1.11 MONTHLY MAX: 4.9

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.4749761538
LONGITUDE: -91.788990978
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 218
PROBE HEIGHT:

SITE ID: 29-137-0001 POC: 1
COUNTY: (137) Monroe
CITY: (00000) Not in a city
SITE ADDRESS: MARK TWAIN STATE PARK: 20057 State Park Office Road, Stoutville, MO 65283
SITE COMMENTS: US EPA REGION VII IS GRANTING A WAIVER IN REGARDS TO THE PROXIMITY OF THE MONITOR]
MONITOR COMMENTS: THIS MONITOR HAS TEMPORARILY BEEN DISCONTINUED AS OF 20100930.

STATE: (29) Missouri
AQCR: (137) NORTHERN MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: UNKNOWN
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: MARCH 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.3	1.4	1.8	2.6	2.7	2.2	1.9	1.8	1.4	1.3	1.0	1.0	.8	.9	.8	.8	.8	24	2.7
2	.8	.8	.8	.7	.7	.8	.8	.8	.8	1.0	1.0	1.0	1.2	1.1	1.1	1.1	1.0	.9	1.1	1.5	1.6	1.6	2.3	3.9	24	3.9
3	4.1	3.4	3.6	2.8	2.1	1.5	1.3	1.2	1.0	.9	.9	BF	BF	.9	.8	.8	.8	.9	.8	.8	.8	.9	.9	.8	22	4.1
4	.9	.9	.8	.9	.8	.9	1.1	1.0	.9	1.0	1.2	1.1	1.1	1.1	.9	.9	.9	.9	1.0	.8	.9	1.4	1.3	1.1	24	1.4
5	.9	.8	.9	.8	.7	.8	.8	.8	.8	.8	1.0	.9	.8	.9	.9	.9	.9	.9	.9	.9	.8	.8	.8	.8	24	1.0
6	.8	.7	.9	.8	.9	.9	.9	.9	1.0	1.2	1.3	1.2	1.1	1.0	1.2	1.2	1.0	1.0	1.0	1.1	1.1	1.3	1.1	2.5	24	2.5
7	2.0	1.5	1.3	1.3	1.3	1.2	1.2	1.1	1.2	1.3	1.4	1.3	1.3	1.3	1.8	2.3	2.5	2.3	1.7	1.1	1.1	1.5	1.3	1.0	24	2.5
8	1.0	.8	1.0	.9	.9	.9	.9	1.0	1.3	1.5	1.6	1.5	1.5	1.4	1.5	1.4	1.4	1.3	1.3	1.5	1.4	1.3	1.6	2.0	24	2.0
9	1.6	1.2	1.1	1.0	.9	.9	.8	.9	1.7	3.0	4.0	3.4	3.1	2.5	1.9	1.7	1.5	1.3	1.3	1.3	1.6	2.1	1.8	1.5	24	4.0
10	1.5	1.4	1.4	1.1	1.0	.9	.9	.9	1.0	1.1	1.2	1.6	2.1	2.2	2.5	2.2	2.1	2.2	1.7	1.5	1.4	1.3	1.1	.9	24	2.5
11	.9	.9	.8	.8	.8	.8	.8	.8	1.0	1.0	1.1	1.1	1.2	1.0	1.1	1.2	1.4	1.9	2.0	1.8	1.4	1.1	1.1	1.2	24	2.0
12	1.1	1.1	1.0	1.0	.8	.9	.8	.9	1.3	1.8	1.8	1.9	2.5	6.4	3.6	2.5	2.3	1.8	1.9	1.8	1.7	1.8	1.7	1.5	24	6.4
13	1.4	1.2	1.1	.9	.9	.8	.9	.9	1.1	1.2	1.7	2.0	1.8	1.8	1.8	1.6	1.5	1.5	1.3	1.1	1.0	1.0	.9	.9	24	2.0
14	.9	1.0	1.0	.9	1.0	.8	.9	.9	1.0	1.0	.9	1.0	.9	1.0	.9	1.0	.9	1.0	.9	.9	.9	.9	.9	.8	24	1.0
15	.9	.8	.9	.9	.8	.8	.8	.9	.9	.9	1.2	1.2	1.4	1.4	1.1	.9	.9	.9	.9	1.1	1.1	1.1	1.9	1.2	24	1.9
16	1.0	1.0	1.1	1.3	1.3	1.4	1.5	1.4	1.2	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	.9	1.0	1.0	1.0	1.2	1.1	1.0	24	1.5
17	1.3	1.1	1.1	1.0	1.0	1.0	1.0	1.1	.9	1.1	1.2	1.2	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.6	1.7	1.6	24	1.7
18	1.3	1.1	1.1	1.0	1.0	.9	1.2	1.5	1.9	2.1	1.7	BF	1.4	1.9	2.0	1.8	1.5	1.1	1.0	1.0	1.0	1.0	1.0	1.1	23	2.1
19	1.1	1.1	1.2	1.3	1.5	2.1	2.1	1.6	1.6	2.2	2.3	1.7	1.5	1.5	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	.9	24	2.3
20	1.0	1.1	1.0	1.3	1.1	1.0	1.0	1.0	1.7	2.5	2.4	1.4	1.0	1.0	1.1	1.0	1.0	1.0	.9	1.0	1.0	1.1	1.8	2.0	24	2.5
21	1.9	2.1	1.5	1.3	1.3	1.2	1.1	1.1	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.5	1.5	1.3	1.2	1.1	1.1	24	2.1
22	1.1	1.1	1.0	1.0	.9	1.0	1.0	1.2	2.1	2.7	2.9	2.4	2.1	1.8	2.6	2.5	1.4	1.2	1.2	1.2	1.2	1.3	1.4	1.3	24	2.9
23	1.3	1.2	1.3	1.2	1.3	1.4	1.3	1.2	1.4	1.4	1.4	1.3	1.3	1.3	1.1	1.0	1.1	1.2	1.2	1.2	1.2	1.6	1.8	1.7	24	1.8
24	1.3	1.0	1.0	.9	1.0	1.0	.9	1.0	1.0	.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.4	1.7	1.6	1.3	1.1	1.1	1.1	24	1.7
25	1.4	1.5	1.4	1.4	1.1	1.3	1.3	1.9	1.9	1.3	1.2	1.4	3.8	1.5	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.0	24	3.8
26	.9	1.0	1.0	1.0	1.0	.9	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	.9	1.0	.9	1.0	1.0	1.0	1.0	24	1.1
27	1.0	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.0	1.2	1.0	.9	.9	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	24	1.2
28	1.0	1.1	1.1	1.1	1.1	1.2	1.3	1.4	1.7	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.5	1.4	1.3	1.3	1.6	1.6	1.8	24	1.8
29	1.9	1.4	1.3	1.2	1.2	1.3	1.5	1.4	1.3	1.2	1.3	1.3	1.2	1.2	1.2	1.7	1.8	1.4	1.3	1.1	1.0	1.1	1.1	1.1	24	1.9
30	1.0	1.1	1.0	1.0	.9	1.1	1.0	1.1	1.1	1.1	1.3	1.1	1.2	1.3	1.2	1.2	1.1	1.2	1.2	1.1	1.2	1.1	1.2	1.2	24	1.3
31	1.3	1.4	1.7	1.9	2.3	1.7	1.4	1.3	1.3	1.3	BF	1.1	1.1	1.1	1.2	1.3	1.2	1.1	1.2	1.2	1.1	1.2	1.2	1.1	23	2.3
NO.:	31	31	31	31	31	31	31	31	31	31	30	29	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	4.1	3.4	3.6	2.8	2.3	2.1	2.1	1.9	2.1	3.0	4.0	3.4	3.8	6.4	3.6	2.5	2.5	2.3	2.0	1.8	1.7	2.1	2.3	3.9		
AVG:	1.30	1.21	1.19	1.14	1.10	1.09	1.09	1.11	1.26	1.38	1.51	1.43	1.48	1.50	1.40	1.34	1.28	1.24	1.21	1.16	1.14	1.23	1.28	1.32		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 1.27 MONTHLY MAX: 6.4

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.4749761538
LONGITUDE: -91.788990978
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 218
PROBE HEIGHT:

SITE ID: 29-137-0001 POC: 1
COUNTY: (137) Monroe
CITY: (00000) Not in a city
SITE ADDRESS: MARK TWAIN STATE PARK: 20057 State Park Office Road, Stoutville, MO 65283
SITE COMMENTS: US EPA REGION VII IS GRANTING A WAIVER IN REGARDS TO THE PROXIMITY OF THE MONITOR]
MONITOR COMMENTS: THIS MONITOR HAS TEMPORARILY BEEN DISCONTINUED AS OF 20100930.

STATE: (29) Missouri
AQCR: (137) NORTHERN MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: UNKNOWN
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: APRIL 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.2	1.2	1.2	1.5	1.6	1.4	1.4	1.4	1.3	1.2	1.2	1.3	1.6	1.6	1.7	1.6	1.7	1.5	1.3	1.2	1.2	1.2	1.1	1.2	24	1.7
2	1.1	1.2	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.2	2.5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.2	1.4	24	2.5
3	1.3	1.2	1.3	1.3	1.1	1.0	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	1.1	1.2	1.0	1.1	1.1	1.1	1.1	24	1.3
4	1.1	1.1	1.1	1.1	1.0	1.1	1.0	1.1	1.4	4.8	3.2	1.6	3.0	1.6	1.1	1.1	1.2	1.2	1.1	1.2	1.1	1.1	1.2	1.1	24	4.8
5	1.1	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	24	1.3
6	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.1	1.1	1.2	1.2	1.6	1.8	1.8	1.8	1.7	1.5	24	1.8
7	1.4	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	2.1	1.5	1.3	1.3	1.4	1.2	1.3	1.2	24	2.1
8	1.2	1.3	1.2	1.2	1.1	1.2	1.2	1.3	1.2	1.3	1.2	1.2	1.3	1.3	1.2	1.3	1.3	1.6	1.8	1.4	1.2	1.3	1.3	1.3	24	1.8
9	1.3	1.3	1.1	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.3	1.2	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.6	1.3	1.2	1.2	24	1.6
10	1.1	1.2	1.3	1.4	1.3	1.2	1.3	1.6	1.5	1.6	1.5	1.5	1.2	1.6	1.7	1.4	1.4	1.3	1.5	1.2	1.3	1.2	1.3	1.3	24	1.7
11	1.3	1.2	1.2	1.2	1.3	1.3	1.3	1.8	2.5	4.4	4.9	3.3	2.4	2.0	2.2	3.0	2.8	2.3	1.9	1.8	1.8	1.8	2.3	2.6	24	4.9
12	2.5	2.2	1.9	1.8	1.6	1.8	1.8	1.9	1.8	1.8	1.9	2.1	1.9	1.5	1.3	1.3	1.3	1.6	1.4	1.3	1.4	1.4	1.6	1.5	24	2.5
13	1.3	1.4	1.5	1.2	1.2	1.2	1.1	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.2	1.2	1.3	1.3	1.2	24	1.5
14	1.2	1.3	1.2	1.2	1.1	1.3	1.5	1.8	1.8	1.9	1.5	1.3	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.4	1.3	1.3	24	1.9
15	1.3	1.3	1.2	1.3	1.3	1.4	1.6	1.8	2.2	2.2	2.1	2.1	BF	BF	2.0	2.1	1.9	1.6	1.6	1.5	1.5	1.6	1.8	1.9	22	2.2
16	1.6	1.4	1.3	1.4	1.4	1.4	1.8	2.4	2.3	2.7	2.9	2.5	2.3	1.9	1.7	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	24	2.9
17	1.2	1.2	1.1	1.2	1.3	1.3	1.3	1.6	1.6	1.6	1.7	2.2	1.7	1.4	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.6	1.9	24	2.2
18	1.9	1.6	1.5	1.5	1.6	1.5	1.5	1.6	1.5	1.5	1.5	1.8	2.4	1.9	1.5	1.5	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2	24	2.4
19	1.2	1.3	1.2	1.2	1.2	1.3	1.3	1.4	1.7	1.6	1.7	1.7	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.3	24	1.7
20	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.5	1.4	1.3	1.2	24	1.5
21	1.5	1.7	1.6	1.8	1.6	1.8	2.2	2.6	2.2	1.8	1.3	1.4	1.8	1.8	1.7	1.7	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.3	24	2.6
22	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.3	1.2	1.3	1.3	1.3	1.3	24	1.3
23	1.3	1.2	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.3	1.4	1.3	1.4	1.3	1.3	1.4	1.3	24	1.4
24	1.4	1.4	1.6	1.6	1.7	1.8	1.6	1.7	1.7	1.7	1.6	1.5	1.6	1.6	1.7	1.6	1.4	1.3	1.4	1.4	1.4	1.5	1.6	1.5	24	1.8
25	1.4	1.4	1.4	1.2	1.3	1.2	1.2	1.3	1.2	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	24	1.4
26	1.3	1.4	1.5	1.6	1.8	1.6	1.6	1.7	1.8	2.2	2.5	2.5	2.2	1.8	1.6	1.7	1.8	1.6	1.6	1.4	1.4	1.4	1.5	1.5	24	2.5
27	1.4	1.5	1.4	1.3	1.2	1.2	1.4	1.5	1.6	1.8	1.8	1.6	1.5	1.5	1.7	1.6	1.7	1.7	1.6	1.4	1.3	1.3	1.3	1.2	24	1.8
28	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6	2.0	2.0	1.6	1.5	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	24	2.0
29	1.3	1.3	1.3	1.4	1.5	1.4	1.6	2.2	2.0	2.0	BF	BF	BF	1.4	1.3	1.3	1.2	1.3	1.3	1.2	1.3	1.3	1.2	1.3	21	2.2
30	1.4	1.3	1.4	1.4	1.5	1.5	1.7	1.8	1.8	1.6	1.5	1.4	1.4	1.5	1.4	1.4	1.6	1.4	1.3	1.3	1.6	1.6	1.5	1.4	24	1.8
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	29	28	29	30	30	30	30	30	30	30	30	30	30		
MAX:	2.5	2.2	1.9	1.8	1.8	1.8	2.2	2.6	2.5	4.8	4.9	3.3	3.0	2.0	2.2	3.0	2.8	2.3	1.9	1.8	1.8	1.8	2.3	2.6		
AVG:	1.34	1.33	1.31	1.33	1.31	1.33	1.39	1.53	1.57	1.77	1.70	1.63	1.57	1.46	1.42	1.44	1.45	1.40	1.38	1.32	1.35	1.34	1.38	1.38		

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 1.43 MONTHLY MAX: 4.9

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.4749761538
LONGITUDE: -91.788990978
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 218
PROBE HEIGHT:

SITE ID: 29-137-0001 POC: 1
COUNTY: (137) Monroe
CITY: (00000) Not in a city
SITE ADDRESS: MARK TWAIN STATE PARK: 20057 State Park Office Road, Stoutville, MO 65283
SITE COMMENTS: US EPA REGION VII IS GRANTING A WAIVER IN REGARDS TO THE PROXIMITY OF THE MONITOR]
MONITOR COMMENTS: THIS MONITOR HAS TEMPORARILY BEEN DISCONTINUED AS OF 20100930.

STATE: (29) Missouri
AQCR: (137) NORTHERN MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: UNKNOWN
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: MAY 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.7	1.8	1.7	1.5	1.5	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.3	1.6	1.5	1.4	1.4	24	1.8
2	1.4	1.6	2.0	2.3	2.1	1.8	1.8	1.7	1.6	1.5	1.4	1.5	1.4	1.5	1.7	2.1	2.1	1.6	1.6	1.5	1.5	1.5	1.5	1.6	24	2.3
3	1.6	1.5	1.6	1.5	1.4	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.4	1.5	24	1.7
4	1.5	1.4	1.4	1.6	1.7	1.6	1.8	1.7	1.7	1.7	1.6	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.6	1.5	1.4	1.4	1.5	1.5	24	1.8
5	1.4	1.3	1.4	1.4	1.4	1.3	1.5	1.7	2.0	1.8	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3	1.4	1.4	1.3	1.4	24	2.0
6	1.7	1.6	1.9	1.8	1.7	1.6	1.6	1.5	1.6	1.5	1.5	1.6	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.6	1.5	24	1.9
7	1.5	1.5	1.5	1.5	1.4	1.6	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.3	1.4	1.4	24	1.6
8	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.5	1.4	1.4	1.4	24	1.5
9	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.5	1.5	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	24	1.5
10	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.4	1.5	24	1.5
11	1.5	1.5	1.5	1.5	1.4	1.5	1.9	2.6	1.8	1.6	1.5	1.5	1.6	1.7	2.0	1.7	1.6	1.8	1.5	1.6	1.6	1.9	1.6	1.6	24	2.6
12	1.7	2.0	2.0	1.9	1.9	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.6	1.5	1.5	1.5	1.5	24	2.0
13	1.4	1.5	1.5	1.5	1.4	1.4	1.6	1.7	BF	1.8	1.9	1.8	1.7	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.4	1.4	1.4	1.5	23	1.9
14	1.6	1.8	2.1	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	24	2.1
15	1.5	1.5	1.4	1.5	1.5	1.4	1.5	1.5	1.5	1.7	1.8	1.6	1.6	1.6	1.5	1.5	1.5	1.4	1.5	1.5	1.4	1.4	1.5	1.5	24	1.8
16	1.5	1.4	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.5	24	1.6
17	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.5	1.6	24	1.7
18	1.6	1.5	1.6	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.7	1.6	1.6	1.5	1.6	1.6	1.6	24	1.7
19	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.7	1.7	24	1.7
20	1.7	1.6	1.6	1.8	1.7	1.7	1.8	1.5	1.6	1.7	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	24	1.8
21	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.8	1.9	1.9	1.6	1.5	1.6	1.6	24	1.9
22	1.6	1.6	1.7	1.8	1.8	1.7	1.8	1.7	1.8	1.8	1.8	1.7	1.7	1.7	2.4	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	24	2.4
23	1.6	1.5	1.5	1.6	1.8	1.8	1.8	2.3	2.5	2.3	2.3	2.2	2.1	2.0	1.8	1.8	1.8	1.8	1.8	1.8	1.9	2.3	2.2	2.1	24	2.5
24	1.7	1.6	1.6	1.6	1.5	1.6	1.9	2.4	2.1	1.7	1.8	1.8	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.6	1.6	24	2.4
25	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.6	24	1.7
26	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.7	1.7	1.6	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.7	1.7	24	1.7
27	1.7	1.7	1.6	1.6	1.6	1.6	1.7	1.8	1.8	BF	BF	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.6	22	1.8
28	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.9	2.0	1.9	1.9	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.6	1.7	1.6	24	2.0
29	1.7	1.6	1.7	1.7	1.7	1.6	1.7	1.7	1.8	1.7	1.7	1.7	1.8	1.6	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.6	24	1.8
30	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.6	1.7	1.6	1.7	1.7	1.7	1.6	1.7	1.6	1.7	1.7	1.6	24	1.7
31	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.6	1.7	24	1.8
NO.:	31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.7	2.0	2.1	2.3	2.1	1.8	1.9	2.6	2.5	2.3	2.3	2.2	2.1	2.0	2.4	2.1	2.1	1.8	1.9	1.9	1.9	2.3	2.2	2.1		
AVG:	1.56	1.56	1.60	1.61	1.58	1.56	1.63	1.68	1.68	1.64	1.62	1.62	1.59	1.60	1.63	1.61	1.62	1.60	1.58	1.56	1.55	1.56	1.56	1.57		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 1.60 MONTHLY MAX: 2.6

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.4749761538
LONGITUDE: -91.788990978
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 218
PROBE HEIGHT:

SITE ID: 29-137-0001 POC: 1
COUNTY: (137) Monroe
CITY: (00000) Not in a city
SITE ADDRESS: MARK TWAIN STATE PARK: 20057 State Park Office Road, Stoutville, MO 65283
SITE COMMENTS: US EPA REGION VII IS GRANTING A WAIVER IN REGARDS TO THE PROXIMITY OF THE MONITOR]
MONITOR COMMENTS: THIS MONITOR HAS TEMPORARILY BEEN DISCONTINUED AS OF 20100930.

STATE: (29) Missouri
AQCR: (137) NORTHERN MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: UNKNOWN
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JUNE 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.9	1.9	1.9	1.7	1.7	1.8	1.7	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.6	24	1.9
2	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.9	1.8	1.8	1.8	1.7	1.8	1.8	1.7	1.7	1.7	1.6	1.7	1.6	1.6	1.7	24	1.9
3	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.6	1.7	1.6	1.7	1.6	1.7	1.7	1.7	1.7	1.7	24	1.7
4	1.7	1.7	1.6	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.9	1.8	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.7	24	1.9
5	1.7	1.7	1.7	1.7	1.8	1.7	1.8	1.9	2.6	2.0	1.8	1.8	1.7	1.7	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.7	1.8	24	2.6
6	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.9	2.0	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.8	24	2.0
7	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.9	1.8	1.9	1.9	1.9	1.8	1.9	1.9	1.8	1.8	1.8	1.9	1.9	1.8	1.7	1.7	24	2.0
8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.8	1.9	2.8	2.1	2.1	2.2	2.1	1.9	1.9	1.8	1.7	1.8	1.8	24	2.8
9	1.8	1.8	1.8	1.8	1.7	1.8	1.9	2.0	3.2	3.5	BF	2.9	2.3	2.3	2.5	2.4	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	23	3.5
10	1.9	1.8	1.8	1.8	1.9	2.2	2.5	2.5	2.8	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8	24	2.8
11	1.9	1.8	1.8	1.9	1.8	1.9	1.8	1.9	1.9	1.8	1.9	1.8	1.9	1.8	1.9	1.9	2.0	2.1	2.1	2.0	2.0	1.9	1.9	1.9	24	2.1
12	1.8	1.7	1.8	1.8	1.8	1.8	1.8	1.9	2.1	2.1	2.1	2.0	1.9	1.9	1.9	1.9	1.8	1.9	1.9	1.9	2.0	1.9	1.8	1.9	24	2.1
13	1.8	1.8	1.9	1.9	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	24	1.9
14	1.8	1.9	1.9	1.8	1.9	1.9	1.7	1.8	1.9	1.9	1.9	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.9	1.9	1.9	24	2.0
15	1.8	1.9	1.9	2.0	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.9	24	2.0
16	1.9	1.8	1.9	1.9	1.8	1.9	1.9	1.9	1.9	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.9	1.9	1.8	1.9	24	2.0
17	1.9	1.8	1.9	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.9	1.9	1.8	1.9	1.8	24	1.9
18	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	1.9	1.9	2.0	1.9	2.0	1.9	1.8	1.8	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.9	24	2.0
19	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	2.0	1.9	1.9	1.9	24	2.0
20	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.1	2.2	2.1	1.9	2.0	1.9	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.9	24	2.2
21	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.9	1.9	1.9	2.0	1.9	1.9	1.9	2.0	1.9	24	2.0
22	1.9	2.0	1.9	1.9	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.0	2.0	24	2.1
23	2.0	1.9	1.9	2.0	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	1.9	2.0	24	2.1
24	2.0	1.9	2.0	2.0	2.0	1.9	2.0	1.9	2.0	BF	2.1	2.0	2.0	2.0	2.0	2.1	2.2	2.1	2.2	2.4	2.3	2.4	2.5	2.3	23	2.5
25	2.1	2.1	2.0	2.0	1.9	2.0	2.0	2.0	1.9	2.0	2.0	2.1	2.0	2.1	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.9	24	2.1
26	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	1.9	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	24	2.1
27	2.0	1.9	2.0	2.1	2.0	2.0	2.1	2.2	2.2	2.2	2.3	2.3	2.2	2.1	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	1.9	2.0	24	2.3
28	2.0	1.9	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	1.9	2.0	2.0	2.1	2.0	2.1	2.0	2.1	2.1	2.1	2.0	2.0	2.0	1.9	24	2.1
29	2.0	1.9	2.0	2.0	1.9	2.0	2.0	1.9	2.0	2.0	2.1	2.0	2.1	2.1	2.0	2.1	2.0	2.1	2.0	2.1	2.0	2.0	2.0	2.1	24	2.1
30	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.4	2.3	2.2	2.1	2.1	2.0	2.1	2.0	2.0	24	2.4
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	2.1	2.1	2.0	2.1	2.0	2.2	2.5	2.5	3.2	3.5	2.4	2.9	2.3	2.8	2.5	2.4	2.3	2.2	2.2	2.4	2.3	2.4	2.5	2.3		
AVG:	1.87	1.85	1.86	1.87	1.86	1.88	1.90	1.92	2.03	2.01	1.97	1.99	1.96	1.99	1.96	1.96	1.94	1.93	1.92	1.92	1.91	1.90	1.87	1.88		

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 1.92 MONTHLY MAX: 3.5

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.4749761538
LONGITUDE: -91.788990978
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 218
PROBE HEIGHT:

SITE ID: 29-137-0001 POC: 1
COUNTY: (137) Monroe
CITY: (00000) Not in a city
SITE ADDRESS: MARK TWAIN STATE PARK: 20057 State Park Office Road, Stoutville, MO 65283
SITE COMMENTS: US EPA REGION VII IS GRANTING A WAIVER IN REGARDS TO THE PROXIMITY OF THE MONITOR]
MONITOR COMMENTS: THIS MONITOR HAS TEMPORARILY BEEN DISCONTINUED AS OF 20100930.

STATE: (29) Missouri
AQCR: (137) NORTHERN MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: UNKNOWN
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JULY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	1.9	2.0	2.0	2.1	2.0	2.0	2.1	2.0	24	2.1
2	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.3	2.2	2.1	2.1	2.1	2.1	2.0	24	2.3
3	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.4	2.4	2.4	2.4	2.5	2.6	2.4	2.4	2.3	2.2	2.3	2.3	2.1	2.1	2.1	2.1	2.0	24	2.6
4	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.2	2.3	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.1	24	2.3
5	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.0	2.0	2.1	2.1	2.1	2.1	24	2.2
6	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.3	2.3	2.2	2.1	2.2	2.2	2.1	2.1	2.0	2.1	2.0	2.1	2.1	24	2.3
7	2.1	2.1	2.1	2.2	2.1	2.0	2.1	2.0	2.1	2.1	2.1	BF	BF	2.1	2.2	2.0	2.1	2.0	2.0	2.0	2.1	2.1	2.1	2.0	22	2.2
8	2.0	2.1	2.1	2.1	2.0	2.1	2.0	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.0	2.1	2.1	2.0	2.1	2.0	2.1	2.0	2.1	2.0	24	2.1
9	2.0	2.0	2.1	2.1	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.1	2.0	2.0	24	2.2
10	2.0	2.1	2.1	2.1	2.1	2.0	2.1	2.3	2.8	2.6	2.4	2.3	2.3	2.2	2.1	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	24	2.8
11	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.1	2.3	2.3	2.3	2.2	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.1	24	2.3
12	2.1	2.1	2.0	2.1	2.1	2.0	2.1	2.1	2.1	2.2	2.3	2.3	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.1	2.2	2.1	2.1	24	2.3
13	2.1	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.1	24	2.4
14	2.1	2.2	2.2	2.1	2.2	2.1	2.1	2.2	2.2	2.2	2.3	2.7	3.4	2.6	2.5	2.4	2.3	2.3	2.2	2.3	2.2	2.2	2.2	2.2	24	3.4
15	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.2	2.3	2.4	2.3	2.3	2.4	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.1	24	2.4
16	2.2	2.2	2.2	2.2	2.3	2.5	2.4	2.3	2.2	2.3	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.2	2.2	2.2	24	2.5
17	2.3	2.4	2.4	2.3	2.3	2.3	2.5	2.4	2.3	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.4	2.3	2.2	24	2.5
18	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.4	2.4	2.4	2.3	2.2	2.3	2.3	2.2	2.2	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	24	2.4
19	2.2	2.2	2.2	2.3	2.2	2.1	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	24	2.3
20	2.1	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.3	2.4	2.8	2.6	2.4	2.3	2.2	2.2	2.2	2.3	24	2.8
21	2.1	2.2	2.2	2.2	2.3	2.2	2.2	2.3	2.4	BF	BF	BF	BA	2.8	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	20	2.8
22	2.2	2.2	2.2	2.1	2.2	2.2	2.2	2.2	2.7	2.4	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.1	2.2	2.2	2.2	2.2	24	2.7
23	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.6	2.8	3.1	2.9	2.7	2.7	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.2	2.2	2.2	24	3.1
24	2.2	2.2	2.3	2.3	2.2	2.2	2.3	2.9	2.9	2.7	2.5	2.4	2.4	2.4	2.4	2.4	2.6	2.6	2.5	2.4	2.4	2.3	2.3	2.2	24	2.9
25	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.3	24	2.3
26	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.2	2.2	2.2	2.3	2.3	24	2.3
27	2.3	2.3	2.3	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.2	2.3	2.2	2.2	2.3	2.2	2.2	24	2.3
28	2.2	2.2	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.5	2.5	2.5	2.4	2.5	2.4	2.3	2.3	2.4	2.3	2.3	2.3	24	2.5
29	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.2	2.3	2.3	2.2	2.2	24	2.3
30	2.3	2.2	2.3	2.3	2.2	2.2	2.3	2.2	2.3	2.3	2.3	2.2	2.3	3.3	5.1	5.4	3.8	2.8	2.7	2.7	2.6	2.4	2.4	2.3	24	5.4
31	2.3	2.2	2.3	2.3	2.3	2.3	2.4	2.6	4.0	4.3	6.5	3.5	3.0	3.1	3.3	3.6	3.5	3.8	3.5	2.8	2.5	2.3	2.3	2.3	24	6.5
NO.:	31	31	31	31	31	31	31	31	31	30	30	29	29	31	31	31	31	31	31	31	31	31	31	31		
MAX:	2.3	2.4	2.4	2.3	2.3	2.5	2.5	2.9	4.0	4.3	6.5	3.5	3.4	3.3	5.1	5.4	3.8	3.8	3.5	2.8	2.6	2.4	2.4	2.3		
AVG:	2.15	2.16	2.17	2.17	2.16	2.15	2.20	2.26	2.35	2.37	2.42	2.31	2.33	2.34	2.36	2.38	2.35	2.31	2.27	2.21	2.20	2.18	2.18	2.16		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 2.26 MONTHLY MAX: 6.5

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.4749761538
LONGITUDE: -91.788990978
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 218
PROBE HEIGHT:

SITE ID: 29-137-0001 POC: 1
COUNTY: (137) Monroe
CITY: (00000) Not in a city
SITE ADDRESS: MARK TWAIN STATE PARK: 20057 State Park Office Road, Stoutville, MO 65283
SITE COMMENTS: US EPA REGION VII IS GRANTING A WAIVER IN REGARDS TO THE PROXIMITY OF THE MONITORI
MONITOR COMMENTS: THIS MONITOR HAS TEMPORARILY BEEN DISCONTINUED AS OF 20100930.

STATE: (29) Missouri
AQCR: (137) NORTHERN MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: UNKNOWN
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: AUGUST 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.6	2.6	2.6	2.5	2.5	2.5	2.3	2.3	2.3	2.3	2.3	2.3	2.2	24	2.6
2	2.3	2.2	2.2	2.3	2.2	2.3	2.3	2.3	2.3	2.4	2.4	2.7	2.9	2.7	2.6	2.5	2.5	2.5	2.5	2.5	2.3	2.3	2.3	2.3	24	2.9
3	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.5	2.4	2.4	2.4	2.3	2.4	2.3	2.4	2.3	2.3	2.3	2.4	2.3	2.3	24	2.5
4	2.3	2.3	2.2	2.3	2.3	2.2	2.2	2.2	2.2	2.4	2.4	2.4	2.5	2.4	2.3	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.4	2.2	24	2.5
5	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.4	2.4	BF	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.2	2.3	23	2.4
6	2.3	2.3	2.3	2.3	2.3	2.2	2.4	2.4	2.5	2.5	2.4	2.5	2.4	2.5	2.5	2.4	2.4	2.3	2.3	2.4	2.3	2.3	2.3	2.3	24	2.5
7	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.8	2.7	2.6	2.5	2.5	2.4	2.4	2.5	2.3	2.3	2.4	2.4	2.3	2.3	24	2.8
8	2.3	2.3	2.3	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.3	2.5	2.5	2.5	2.4	2.4	2.4	2.5	2.4	2.5	24	2.5
9	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.3	2.3	2.4	2.3	2.3	2.3	2.4	2.3	2.3	2.4	2.3	2.4	2.4	2.3	2.3	2.3	2.4	24	2.4
10	2.3	2.4	2.3	2.4	2.3	2.3	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.3	2.3	2.4	2.4	2.3	2.4	24	2.4
11	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.4	2.4	2.4	2.3	2.4	2.3	2.3	2.3	2.4	2.4	2.3	2.3	2.4	2.3	24	2.5
12	2.4	2.3	2.3	2.3	2.4	2.3	2.3	2.4	2.4	2.4	2.5	2.4	2.4	2.3	2.4	2.4	2.3	2.3	2.3	2.4	2.3	2.4	2.3	2.4	24	2.5
13	2.4	2.3	2.3	2.3	2.4	2.4	2.3	2.4	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.3	24	2.5
14	2.3	2.3	2.3	2.4	2.4	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.4	2.4	24	2.4
15	2.3	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.4	2.6	2.7	2.5	2.4	2.5	2.4	2.4	2.5	2.5	2.4	2.3	2.3	2.4	2.4	2.5	24	2.7
16	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.4	2.4	24	2.6
17	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.4	2.3	24	2.5
18	2.4	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.5	2.4	2.5	2.6	2.7	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.4	24	2.7
19	2.4	2.3	2.4	2.4	2.4	2.4	2.5	2.9	4.4	2.8	2.5	2.5	2.5	2.5	3.4	3.7	3.7	3.2	3.0	2.6	2.5	2.5	2.4	2.4	24	4.4
20	2.5	2.4	2.4	2.5	2.5	2.4	2.9	3.0	2.9	4.0	4.0	4.3	BF	3.1	2.5	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	23	4.3
21	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.4	2.5	2.4	2.5	2.5	2.5	24	2.5
22	2.5	2.5	2.4	2.6	2.6	2.6	2.6	2.5	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.3	2.4	24	2.6
23	2.4	2.4	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.3	2.3	2.4	24	2.4
24	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.6	2.5	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.3	2.4	2.3	24	2.6
25	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.3	2.4	2.5	2.3	2.3	2.3	2.3	2.3	2.4	2.3	24	2.5
26	2.3	2.3	2.4	2.3	2.3	2.3	2.4	2.4	2.5	2.6	2.5	2.4	2.4	2.5	2.4	2.4	2.4	2.3	2.3	2.4	2.3	2.3	2.3	2.3	24	2.6
27	2.3	2.2	2.3	2.3	2.3	2.3	2.4	3.0	4.4	4.2	3.2	2.8	2.8	2.7	2.7	2.6	2.7	2.7	2.7	2.6	2.5	2.4	2.4	2.3	24	4.4
28	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.4	2.4	2.4	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	24	2.5
29	2.4	2.4	2.4	2.4	2.4	2.3	2.5	2.3	2.4	2.4	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	24	2.5
30	2.4	2.4	2.4	2.4	2.3	2.4	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.4	24	2.5
31	2.5	2.4	2.4	2.4	2.4	2.5	2.5	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.5	2.5	24	2.7
NO.:	31	31	31	31	31	31	31	31	31	30	31	31	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	2.5	2.5	2.5	2.6	2.6	2.6	2.9	3.0	4.4	4.2	4.0	4.3	2.9	3.1	3.4	3.7	3.7	3.2	3.0	2.6	2.5	2.5	2.5	2.5		
AVG:	2.36	2.35	2.35	2.37	2.37	2.36	2.39	2.43	2.55	2.56	2.53	2.53	2.47	2.47	2.46	2.47	2.47	2.44	2.41	2.39	2.37	2.37	2.36	2.36		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 2.42 MONTHLY MAX: 4.4

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.4749761538
LONGITUDE: -91.788990978
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 218
PROBE HEIGHT:

SITE ID: 29-137-0001 POC: 1
COUNTY: (137) Monroe
CITY: (00000) Not in a city
SITE ADDRESS: MARK TWAIN STATE PARK: 20057 State Park Office Road, Stoutville, MO 65283
SITE COMMENTS: US EPA REGION VII IS GRANTING A WAIVER IN REGARDS TO THE PROXIMITY OF THE MONITOR]
MONITOR COMMENTS: THIS MONITOR HAS TEMPORARILY BEEN DISCONTINUED AS OF 20100930.

STATE: (29) Missouri
AQCR: (137) NORTHERN MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: UNKNOWN
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: SEPTEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	2.5	2.6	2.5	2.4	2.5	2.5	2.4	2.4	2.6	2.5	2.6	2.6	2.6	2.5	2.6	2.6	2.5	2.5	2.5	2.6	2.4	2.5	2.5	2.5	24	2.6
2	2.5	2.5	2.5	2.4	2.5	2.5	2.5	2.5	2.6	2.7	BF	BF	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.5	22	2.7
3	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.5	2.5	2.6	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.5	2.5	24	2.7
4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.5	2.6	2.5	2.6	2.5	2.6	2.6	2.5	2.6	2.5	2.5	2.5	2.5	2.6	2.7	24	2.7
5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.7	2.9	2.9	2.7	2.6	2.5	2.7	2.7	2.6	2.6	2.6	2.7	2.7	2.8	2.8	24	2.9
6	2.8	2.7	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	24	2.8
7	2.5	2.6	2.6	2.6	2.6	2.5	2.5	2.6	2.5	2.6	2.5	2.6	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.6	2.5	24	2.7
8	2.5	2.5	2.6	2.5	2.6	2.6	2.5	2.5	2.6	2.6	2.6	2.6	2.5	2.6	2.5	2.6	2.5	2.5	2.6	2.5	2.5	2.5	2.5	2.5	24	2.6
9	2.5	2.5	2.6	2.5	2.5	2.5	2.6	2.5	2.6	3.3	3.3	3.1	2.8	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	24	3.3
10	2.6	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.8	3.4	3.4	3.3	2.8	2.7	2.8	2.6	2.6	2.5	2.5	2.5	2.5	24	3.4
11	2.5	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.5	2.6	2.5	2.6	2.5	2.5	2.6	2.6	2.6	24	2.7
12	2.5	2.6	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.5	2.5	24	2.7
13	2.5	2.5	2.5	2.5	2.4	2.5	2.5	2.5	2.8	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.5	2.5	2.4	24	2.8
14	2.5	2.5	2.4	2.4	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.6	2.5	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	24	2.6
15	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	BF	BF	2.6	2.6	2.7	2.6	2.6	2.7	2.6	2.6	2.6	2.5	2.5	22	2.7
16	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.5	2.5	2.6	2.5	2.5	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	24	2.6
17	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.6	2.5	2.5	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	24	2.7
18	2.5	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.6	2.6	2.6	2.8	2.8	2.8	2.7	2.7	2.8	2.7	2.6	2.6	2.6	2.6	2.6	2.6	24	2.8
19	2.5	2.6	2.5	2.5	2.5	2.5	2.6	2.5	2.6	2.5	2.6	2.6	2.5	2.6	2.5	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.5	2.6	24	2.6
20	2.5	2.5	2.6	2.5	2.5	2.5	2.6	2.5	2.9	3.0	2.8	2.7	2.7	2.7	2.6	2.6	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.9	24	3.0
21	3.0	2.6	2.6	2.5	2.6	2.5	2.5	2.7	3.0	3.0	3.1	2.9	2.8	2.8	2.7	2.8	2.8	2.7	2.7	2.6	2.7	2.8	2.9	3.1	24	3.1
22	3.0	2.9	2.7	2.7	2.6	2.6	2.6	2.9	3.1	3.1	3.0	2.9	2.8	2.7	2.6	2.6	2.6	2.6	2.7	2.7	3.0	2.7	2.8	3.1	24	3.1
23	2.9	2.9	3.1	2.8	2.7	2.5	2.6	2.9	3.2	3.3	3.4	3.5	3.2	3.3	3.5	4.1	4.2	3.1	2.8	2.8	2.9	2.9	2.9	2.9	24	4.2
24	2.6	2.6	2.6	2.7	2.6	2.6	2.5	2.7	2.8	2.8	3.4	3.6	3.2	3.1	3.3	3.1	3.0	2.9	2.7	2.6	2.5	2.6	2.5	2.5	24	3.6
25	2.4	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.7	3.1	3.3	3.0	2.9	2.9	2.8	2.8	2.8	2.8	2.6	2.6	2.6	2.6	2.6	2.5	24	3.3
26	2.6	2.7	2.6	2.6	2.6	2.5	2.6	2.7	3.0	3.2	2.9	2.8	2.7	2.7	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.5	2.5	24	3.2
27	2.5	2.6	2.5	2.6	2.5	2.5	2.5	2.5	2.6	2.8	3.0	2.8	2.8	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	24	3.0
28	2.6	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.6	2.5	2.5	24	2.6
29	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	BF	2.8	2.7	2.5	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.5	2.6	2.6	23	2.8
30	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.8	2.7	2.6	2.7	2.6	2.6	2.5	2.6	2.6	2.5	2.6	2.6	2.6	2.6	24	2.8
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	28	28	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	3.0	2.9	3.1	2.8	2.7	2.6	2.6	2.9	3.2	3.3	3.4	3.6	3.4	3.4	3.5	4.1	4.2	3.1	2.8	2.8	3.0	2.9	2.9	3.1		
AVG:	2.57	2.58	2.57	2.54	2.54	2.52	2.54	2.58	2.68	2.75	2.79	2.76	2.72	2.70	2.68	2.68	2.68	2.63	2.59	2.56	2.57	2.58	2.57	2.60		

MONTHLY OBSERVATIONS: 715 MONTHLY MEAN: 2.62 MONTHLY MAX: 4.2

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.4749761538
LONGITUDE: -91.788990978
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 218
PROBE HEIGHT:

SITE ID: 29-137-0001 POC: 1
COUNTY: (137) Monroe
CITY: (00000) Not in a city
SITE ADDRESS: MARK TWAIN STATE PARK: 20057 State Park Office Road, Stoutville, MO 65283
SITE COMMENTS: US EPA REGION VII IS GRANTING A WAIVER IN REGARDS TO THE PROXIMITY OF THE MONITOR
MONITOR COMMENTS: THIS MONITOR HAS TEMPORARILY BEEN DISCONTINUED AS OF 20100930.

STATE: (29) Missouri
AQCR: (137) NORTHERN MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: UNKNOWN
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: OCTOBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	2.7	2.8	2.6	2.6	2.6	2.6	2.6	2.7	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	24	2.8
2	2.6	2.5	2.5	2.6	2.5	2.5	2.6	2.7	2.9	2.9	2.7	2.7	2.6	2.5	2.6	2.6	2.7	2.6	2.7	2.9	3.2	3.4	3.1	2.9	24	3.4
3	2.8	2.6	2.6	2.5	2.5	2.6	2.5	2.7	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.8	24	2.8
4	2.8	2.8	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.4	2.5	2.5	2.6	2.5	2.5	2.6	2.6	24	2.8
5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.7	2.7	2.7	2.6	2.6	2.6	2.5	2.6	2.5	2.5	2.5	2.5	2.6	2.5	24	2.7
6	2.5	2.5	2.5	2.5	2.5	2.6	2.5	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.6	2.7	2.7	2.6	2.5	2.6	2.5	2.5	2.5	2.5	24	2.8
7	2.5	2.5	2.6	2.6	2.5	2.5	2.5	2.6	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.5	2.5	2.5	2.5	2.6	24	2.6
8	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.5	2.6	2.5	2.5	24	2.7
9	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.6	2.7	2.6	2.6	2.6	24	2.7
10	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.5	2.6	2.5	2.6	2.8	2.7	2.6	2.6	2.6	2.5	2.5	2.6	2.6	2.6	24	2.8
11	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.7	2.8	2.8	2.7	2.6	2.6	2.6	2.6	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	24	2.8
12	2.6	2.6	2.6	2.5	2.6	2.6	2.5	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	24	2.7
13	2.6	2.5	2.6	2.6	2.5	2.6	2.6	2.7	2.6	2.7	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.6	2.5	24	2.7
14	2.6	2.5	2.6	2.5	2.6	2.6	2.5	2.6	2.7	2.8	2.8	BF	BC	2.8	2.6	2.7	2.6	2.7	2.6	2.6	2.6	2.5	2.5	2.5	22	2.8
15	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.8	2.8	3.2	2.9	2.8	2.8	2.7	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	24	3.2
16	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.6	2.5	2.5	2.6	2.6	2.5	2.6	2.5	2.6	2.6	2.6	2.5	24	2.6
17	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.6	2.9	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.5	2.5	2.6	2.6	2.6	2.6	24	2.9
18	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	3.4	5.7	4.8	5.4	4.9	3.7	3.2	3.7	3.1	2.7	2.7	2.6	2.7	2.8	2.7	2.7	24	5.7
19	2.8	2.8	2.7	2.8	2.8	2.9	3.0	3.0	2.9	2.9	2.8	2.9	3.2	2.9	2.7	2.8	2.7	2.7	2.7	2.7	2.6	2.7	2.7	2.7	24	3.2
20	2.6	2.6	2.6	2.7	2.8	2.8	2.7	2.7	2.8	2.8	2.9	3.1	3.2	2.9	2.7	2.7	2.8	2.7	2.6	2.7	2.8	2.7	2.7	2.7	24	3.2
21	2.7	2.6	2.6	2.6	2.7	2.6	2.7	2.8	2.8	3.1	3.3	2.8	2.8	2.8	2.8	2.9	2.9	3.0	3.1	2.9	2.7	2.7	2.6	2.6	24	3.3
22	2.6	2.6	2.5	2.6	2.5	2.5	2.5	2.6	2.8	2.8	2.7	2.8	2.9	2.8	2.9	2.8	2.9	2.9	2.8	2.7	2.7	2.7	2.7	2.6	24	2.9
23	2.7	2.6	2.6	2.7	2.7	2.6	2.6	2.5	2.6	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.5	2.6	2.6	2.6	24	2.7
24	2.6	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.7	2.5	2.6	2.6	2.6	2.6	2.7	2.5	2.6	24	2.8
25	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.7	3.0	2.9	2.7	2.9	2.8	3.0	2.8	2.7	2.7	2.7	2.6	2.6	2.7	2.6	2.6	24	3.0
26	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	3.0	3.2	3.0	2.9	2.9	24	3.2
27	2.8	2.8	2.7	2.6	2.5	2.6	2.6	2.6	2.6	BF	BF	2.7	2.6	2.7	2.6	2.5	2.5	2.6	2.6	2.6	2.6	2.5	2.6	2.6	22	2.8
28	2.6	2.5	2.7	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.8	2.7	2.6	2.6	2.7	2.7	2.7	2.6	2.6	24	2.8
29	2.7	2.7	2.7	2.7	2.9	2.8	2.8	3.0	3.2	3.0	2.8	2.7	2.8	2.8	2.7	2.7	2.6	2.6	2.7	2.6	2.6	2.5	2.6	2.6	24	3.2
30	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.7	3.7	6.4	3.2	2.9	2.7	2.7	2.7	2.6	2.6	2.6	24	6.4
31	2.6	2.6	2.6	2.7	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.7	2.6	2.7	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.6	24	2.7
NO.:	31	31	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	2.8	2.8	2.7	2.8	2.9	2.9	3.0	3.0	3.4	5.7	4.8	5.4	4.9	3.7	3.7	6.4	3.2	3.0	3.1	3.0	3.2	3.4	3.1	2.9		
AVG:	2.62	2.60	2.58	2.60	2.60	2.61	2.61	2.66	2.73	2.82	2.80	2.77	2.77	2.72	2.71	2.83	2.67	2.65	2.64	2.63	2.64	2.65	2.63	2.61		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 2.67 MONTHLY MAX: 6.4

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.4749761538
LONGITUDE: -91.788990978
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 218
PROBE HEIGHT:

SITE ID: 29-137-0001 POC: 1
COUNTY: (137) Monroe
CITY: (00000) Not in a city
SITE ADDRESS: MARK TWAIN STATE PARK: 20057 State Park Office Road, Stoutville, MO 65283
SITE COMMENTS: US EPA REGION VII IS GRANTING A WAIVER IN REGARDS TO THE PROXIMITY OF THE MONITOR
MONITOR COMMENTS: THIS MONITOR HAS TEMPORARILY BEEN DISCONTINUED AS OF 20100930.

STATE: (29) Missouri
AQCR: (137) NORTHERN MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: UNKNOWN
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: NOVEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	2.7	2.6	2.6	2.6	2.6	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.6	24	2.7
2	2.5	2.7	2.7	2.6	2.6	2.6	2.7	2.7	2.9	3.2	2.9	2.6	2.7	2.7	2.6	2.6	2.7	2.7	2.7	2.6	2.6	2.7	2.6	2.7	24	3.2
3	2.6	2.6	2.7	2.6	2.7	2.6	2.6	2.7	2.7	2.7	2.6	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6	24	2.7
4	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.7	2.7	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	24	2.7
5	2.7	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.6	BL	BL	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6	22	2.7
6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.7	2.6	24	2.7
7	2.6	2.7	2.6	2.7	2.6	2.7	2.7	2.7	2.6	2.7	2.7	2.6	2.6	2.6	2.7	2.7	2.6	2.7	2.7	2.7	2.7	2.7	2.6	2.6	24	2.7
8	2.7	2.6	2.7	2.6	2.6	2.6	2.7	2.6	2.8	3.6	3.1	3.0	4.2	3.5	3.5	3.7	3.2	2.9	2.8	2.7	2.7	2.7	2.7	2.8	24	4.2
9	2.8	2.8	2.7	2.6	2.6	2.7	2.6	2.7	2.9	3.5	3.6	3.1	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.7	2.7	24	3.6
10	2.8	2.8	2.7	2.6	2.6	2.6	2.6	2.8	3.5	3.3	3.0	2.8	2.9	BF	1.1	1.0	1.1	1.0	2.1	1.6	1.6	1.4	1.2	1.2	23	3.5
11	1.3	1.3	1.2	1.1	1.1	1.1	1.0	1.0	1.1	1.0	.9	1.0	1.0	.9	.8	.8	.9	.9	1.0	.9	.8	.8	.8	.7	24	1.3
12	.8	.9	.8	.8	.9	.9	1.0	1.2	1.5	1.3	.9	.9	.9	.8	.9	.9	.8	.8	.9	.9	.9	.9	.9	.9	24	1.5
13	.8	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	.9	.9	.9	.9	.8	.9	.9	.9	1.0	1.2	1.4	1.3	.9	.9	24	1.4
14	1.0	1.0	1.0	1.0	.9	.9	.9	1.0	1.4	1.7	1.3	1.0	1.0	.9	1.0	1.1	.9	1.2	1.3	1.1	.9	1.0	1.0	1.0	24	1.7
15	.9	.9	1.0	.9	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.1	1.1	1.2	1.1	1.1	24	1.2
16	1.2	1.2	1.3	1.1	.8	.9	.9	.8	.9	.8	.8	.8	.9	.9	.9	.9	.9	.8	.8	.9	.9	.9	.8	.9	24	1.3
17	.9	.9	.9	.9	.9	.9	.9	.8	.9	.8	.9	.9	.8	.8	.8	.9	.9	.8	.9	.9	.9	.8	.9	.9	24	.9
18	.8	.9	.9	.9	.8	1.0	1.0	.9	.9	.9	.9	.9	.9	.9	1.0	.9	.9	.9	1.0	1.0	.9	.9	.9	.9	24	1.0
19	.9	.9	.9	.9	1.0	.9	.9	.9	1.0	1.4	1.4	1.9	2.1	1.2	1.4	1.7	1.2	1.0	.9	1.0	.9	1.0	1.0	1.1	24	2.1
20	1.0	1.0	.9	.9	1.0	.9	1.2	1.0	1.0	1.0	1.2	1.3	1.1	1.5	1.5	1.3	1.2	1.0	.9	.9	.9	1.0	1.0	1.0	24	1.5
21	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0	.9	.9	.9	1.0	1.0	.9	1.0	.9	.9	.9	24	1.0
22	.8	.9	.9	.9	.9	.8	.8	.9	1.0	1.0	1.1	1.2	1.1	1.0	1.0	1.0	1.1	1.1	1.0	.9	.9	1.0	.9	1.1	24	1.2
23	1.1	1.0	1.0	1.0	1.0	1.0	.9	1.0	1.1	1.4	1.5	1.8	1.1	1.1	1.0	1.1	1.0	1.1	1.0	1.0	.9	.9	1.0	.9	24	1.8
24	.8	.9	.9	.9	.9	.8	.9	.9	1.0	1.1	1.0	BF	1.4	1.3	1.1	1.0	1.0	1.0	1.0	1.0	.9	1.0	1.0	.9	23	1.4
25	1.0	1.0	1.1	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.0	1.1	1.0	1.0	1.0	1.0	.9	1.0	24	1.1
26	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	1.0	1.0	1.0	1.0	.9	.9	1.0	1.0	.9	.9	.9	.9	.9	1.0	.9	24	1.0
27	.9	.9	1.0	.9	.9	1.0	1.0	.9	1.0	1.0	.9	1.0	.9	1.0	.9	.9	1.0	.9	.9	1.0	.9	.9	.9	.9	24	1.0
28	.9	.9	1.0	1.0	.9	.9	.8	1.0	.9	1.0	.9	1.0	.9	.9	1.0	.9	1.0	1.0	1.0	.9	.9	1.0	.9	.9	24	1.0
29	.9	.9	.9	.9	1.0	1.0	1.0	.9	1.0	1.0	1.1	1.1	1.1	1.0	1.1	1.1	1.0	.9	1.0	1.0	.9	1.0	.9	1.0	24	1.1
30	.9	.9	.9	.9	.9	.9	1.0	.9	1.0	1.0	1.0	.9	1.0	.9	.9	1.0	.9	1.0	1.0	1.0	1.0	.9	1.0	.9	24	1.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	29	30	29	30	30	30	30	30	30	30	30	30	30		
MAX:	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.8	3.5	3.6	3.6	3.1	4.2	3.5	3.5	3.7	3.2	2.9	2.9	2.9	2.8	2.8	2.7	2.8		
AVG:	1.52	1.53	1.53	1.50	1.49	1.50	1.52	1.52	1.61	1.67	1.60	1.65	1.66	1.54	1.54	1.56	1.50	1.49	1.53	1.51	1.48	1.49	1.46	1.46		

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 1.54 MONTHLY MAX: 4.2

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 39.4749761538
LONGITUDE: -91.788990978
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 218
PROBE HEIGHT:

SITE ID: 29-137-0001 POC: 1
COUNTY: (137) Monroe
CITY: (00000) Not in a city
SITE ADDRESS: MARK TWAIN STATE PARK: 20057 State Park Office Road, Stoutville, MO 65283
SITE COMMENTS: US EPA REGION VII IS GRANTING A WAIVER IN REGARDS TO THE PROXIMITY OF THE MONITOR]
MONITOR COMMENTS: THIS MONITOR HAS TEMPORARILY BEEN DISCONTINUED AS OF 20100930.

STATE: (29) Missouri
AQCR: (137) NORTHERN MISSOURI
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: UNKNOWN
LOCATION SETTING: RURAL

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: DECEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.9	1.0	.9	.9	1.0	.9	.9	1.0	1.0	1.2	1.1	1.1	1.1	1.0	1.0	.9	1.0	1.0	1.1	1.0	1.0	.9	.9	1.0	24	1.2
2	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	1.0	24	1.1
3	1.0	.9	1.0	1.0	1.0	.9	1.0	1.0	1.0	1.0	.9	1.0	.9	1.0	1.1	1.4	1.2	1.1	1.1	1.1	1.0	1.0	.9	.9	24	1.4
4	.9	1.0	.9	1.0	1.0	.9	1.0	1.0	1.1	1.0	1.0	1.0	1.1	1.1	1.0	1.1	1.0	1.1	1.0	1.0	1.2	1.2	1.1	1.1	24	1.2
5	1.0	1.1	1.0	1.1	1.0	1.1	1.1	1.1	1.6	1.8	1.6	1.5	1.4	1.2	1.3	1.3	1.4	1.4	1.4	1.5	1.4	1.3	1.4	1.4	24	1.8
6	1.3	1.2	1.1	1.1	1.0	1.1	1.1	1.1	1.2	1.1	1.3	1.4	1.5	1.3	1.5	1.5	1.4	2.2	1.5	1.2	1.2	1.1	1.1	1.0	24	2.2
7	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.0	24	1.2
8	1.0	1.1	1.1	1.0	1.0	1.1	1.0	1.1	1.1	1.2	1.2	BF	1.3	1.2	1.0	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.2	1.1	23	1.3
9	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3	2.2	1.6	1.3	1.3	1.5	1.3	1.1	1.2	1.2	1.1	24	2.2
10	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.4	1.4	1.9	1.8	1.6	1.7	1.2	1.1	1.1	1.1	1.3	1.1	1.2	1.2	1.2	1.1	24	1.9
11	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.4	1.3	1.3	1.7	1.6	1.4	1.3	1.1	1.1	1.1	1.1	1.1	1.2	1.0	1.1	24	1.7
12	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.0	1.1	1.1	1.1	1.1	24	1.2
13	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.0	1.2	1.2	1.2	24	1.2
14	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.1	1.2	1.1	1.1	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	24	1.2
15	1.2	1.2	1.1	1.1	1.2	1.1	1.2	1.2	1.3	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.3	1.2	1.3	24	1.3
16	1.2	1.2	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.2	1.2	1.1	1.2	1.2	1.4	1.4	1.2	1.2	1.1	24	1.4
17	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	24	1.2
18	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.3	1.4	1.2	1.2	1.1	1.2	1.2	1.1	1.2	1.1	1.2	1.2	1.2	1.3	24	1.4
19	1.1	1.2	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.4	1.6	1.4	1.3	1.2	1.3	1.5	1.3	1.3	1.3	24	1.6
20	1.3	1.2	1.2	1.2	1.3	1.4	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.2	1.2	24	1.4
21	1.1	1.2	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.1	BF	BF	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.2	22	1.2
22	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.1	1.2	1.2	1.1	1.2	1.2	1.4	1.8	2.2	1.8	1.8	1.7	1.8	1.5	1.4	1.3	24	2.2
23	1.3	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.4	1.4	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.1	1.3	1.4	24	1.4
24	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.5	1.6	1.3	1.4	1.5	1.3	1.3	1.3	1.2	1.3	1.3	1.3	24	1.6
25	1.2	1.2	1.3	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	24	1.3
26	1.2	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.1	1.1	1.3	1.2	24	1.3
27	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	24	1.3
28	1.2	1.3	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.3	24	1.3
29	1.2	1.3	1.2	1.1	1.2	1.3	1.2	1.3	1.2	1.2	1.3	1.3	1.2	1.4	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	24	1.5
30	1.3	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.4	1.8	1.4	2.0	2.4	2.1	2.3	1.7	1.7	1.8	2.0	1.8	1.7	1.7	24	2.4
31	1.6	1.6	1.7	1.7	1.7	1.7	1.5	1.6	1.5	1.6	1.5	1.5	1.8	2.6	2.4	2.6	2.7	2.4	1.7	1.5	1.4	1.4	1.3	1.4	24	2.7
NO.:	31	31	31	31	31	31	31	31	31	31	31	30	31	30	30	31	31	31	31	31	31	31	31	31		
MAX:	1.6	1.6	1.7	1.7	1.7	1.7	1.5	1.6	1.6	1.8	1.9	1.8	1.8	2.6	2.4	2.6	2.7	2.4	1.8	1.8	2.0	1.8	1.7	1.7		
AVG:	1.15	1.18	1.16	1.15	1.15	1.15	1.14	1.15	1.19	1.21	1.22	1.25	1.26	1.31	1.32	1.33	1.31	1.27	1.26	1.23	1.23	1.20	1.20	1.20		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 1.22 MONTHLY MAX: 2.7

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.581799
LONGITUDE: -90.865528
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 168
PROBE HEIGHT: 4

SITE ID: 29-183-9002 POC: 1
COUNTY: (183) Saint Charles
CITY: (00000) Not in a city
SITE ADDRESS: NORTHWEST SITE: Rt.94, Augusta, MO 63332 Intersection with Schluersburg Rd
SITE COMMENTS: Indsutry monitoring
MONITOR COMMENTS: A SPECIAL PURPOSE INDUSTRY MONITOR OPERATED BY AMEREN MISSOURI.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: APRIL 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1																									0	
2																									0	
3																									0	
4																									0	
5																									0	
6																									0	
7																									0	
8																									0	
9																									0	
10																									0	
11																									0	
12																									0	
13																									0	
14																									0	
15																									0	
16																									0	
17																									0	
18																									0	
19																									0	
20																									0	
21																									0	
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	AZ	AZ	AZ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	0.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	2.0
24	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	2.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
30	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
31																									0	
NO.:	9	9	9	9	9	9	9	9	9	7	6	8	9	9	9	9	9	9	9	9	9	9	8	9		
MAX:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0	1.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
AVG:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.33	.29	0.00	.25	.11	.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

MONTHLY OBSERVATIONS: 209 MONTHLY MEAN: .05 MONTHLY MAX: 2.0

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

(42401) Sulfur dioxide

SITE ID: 29-183-9002 POC: 1
COUNTY: (183) Saint Charles
CITY: (00000) Not in a city
SITE ADDRESS: NORTHWEST SITE: Rt.94, Augusta, MO 63332 Intersection with Schluersburg Rd
SITE COMMENTS: Indsutry monitoring
MONITOR COMMENTS: A SPECIAL PURPOSE INDUSTRY MONITOR OPERATED BY AMEREN MISSOURI.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 38.581799
LONGITUDE: -90.865528
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 168
PROBE HEIGHT: 4

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: MAY 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.0	BA	BA	BF	BC	BC	14.0	9.0	7.0	29.0	38.0	19.0	14.0	6.0	2.0	1.0	BF	1.0	18	38.0
2	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	2.0
3	1.0	1.0	1.0	1.0	2.0	1.0	2.0	2.0	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	1.0	2.0	24	2.0
4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BD	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	23	2.0
5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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	1.0	1.0	23	1.0
6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	BA	BA	BA	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	21	2.0
7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BF	1.0	23	1.0
9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
11	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
12	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
13	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	4.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	24	4.0
14	2.0	2.0	2.0	2.0	3.0	5.0	4.0	2.0	2.0	7.0	4.0	4.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	7.0
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BF	AN	22	1.0
16	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BF	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	13	1.0
17	1.0	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	2.0
18	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
19	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
20	1.0	1.0	2.0	2.0	1.0	1.0	2.0	2.0	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	1.0	1.0	24	2.0
21	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
22	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BF	1.0	23	1.0
23	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	24	2.0
24	1.0	1.0	2.0	3.0	3.0	4.0	3.0	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	1.0	1.0	1.0	24	4.0
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
26	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
27	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
28	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	3.0	4.0	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	AN	23	4.0
29	AN	AN	AN	AN	AN	AN	AN	BF	BF	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	BF	1.0	14	1.0
30	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	AN	23	1.0
31	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
NO.:	28	28	28	28	28	28	28	27	26	26	27	28	30	30	30	30	30	30	30	30	30	30	25	27		
MAX:	2.0	2.0	2.0	3.0	3.0	5.0	4.0	3.0	3.0	7.0	4.0	4.0	14.0	9.0	7.0	29.0	38.0	19.0	14.0	6.0	2.0	2.0	2.0	2.0		
AVG:	1.00	1.00	1.07	1.11	1.14	1.21	1.29	1.33	1.31	1.42	1.15	1.11	1.53	1.33	1.33	1.97	2.27	1.60	1.47	1.20	1.03	1.07	1.08	1.15		

MONTHLY OBSERVATIONS: 682 MONTHLY MEAN: 1.30 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.

(42401) Sulfur dioxide

SITE ID: 29-183-9002 POC: 1
COUNTY: (183) Saint Charles
CITY: (00000) Not in a city
SITE ADDRESS: NORTHWEST SITE: Rt.94, Augusta, MO 63332 Intersection with Schluersburg Rd
SITE COMMENTS: Indsutry monitoring
MONITOR COMMENTS: A SPECIAL PURPOSE INDUSTRY MONITOR OPERATED BY AMEREN MISSOURI.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 38.581799
LONGITUDE: -90.865528
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 168
PROBE HEIGHT: 4

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: JUNE 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	AN	AN	AN	AN	AN	AN	AN	AN	AN	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	15	1.0
2	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	3.0	2.0	2.0	1.0	1.0	2.0	3.0	6.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	6.0
3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	24	2.0
4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
5	1.0	1.0	1.0	1.0	1.0	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
6	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	9.0	5.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	9.0
7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
10	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	2.0
11	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
12	1.0	1.0	1.0	1.0	1.0	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
13	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
16	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	3.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	3.0
17	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
18	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	24	2.0
19	1.0	1.0	1.0	1.0	1.0	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	1.0
20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
21	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	2.0	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	1.0	24	3.0
22	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
23	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	2.0
24	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	3.0	3.0	2.0	1.0	2.0	3.0	1.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0	24	4.0
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	AV	AV	AV	AV	20	1.0
26	AV	AV	AV	AV	.0	1.0	1.0	BC	BC	BC	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	17	1.0
27	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
28	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
29	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
30	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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	2.0
31																									0	
NO.:	28	28	28	28	29	26	29	28	28	29	30	30	30	30	30	30	30	30	30	30	29	29	29	29		
MAX:	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	3.0	4.0	3.0	3.0	3.0	9.0	5.0	6.0	2.0	3.0	2.0	2.0	2.0	2.0	1.0	1.0		
AVG:	1.00	1.00	1.00	1.00	.97	1.00	1.07	1.18	1.18	1.21	1.17	1.13	1.17	1.37	1.30	1.27	1.03	1.13	1.03	1.03	1.03	1.03	1.00	1.00		

MONTHLY OBSERVATIONS: 697 MONTHLY MEAN: 1.10 MONTHLY MAX: 9.0

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

(42401) Sulfur dioxide

SITE ID: 29-183-9002 POC: 1
COUNTY: (183) Saint Charles
CITY: (00000) Not in a city
SITE ADDRESS: NORTHWEST SITE: Rt.94, Augusta, MO 63332 Intersection with Schluersburg Rd
SITE COMMENTS: Indsutry monitoring
MONITOR COMMENTS: A SPECIAL PURPOSE INDUSTRY MONITOR OPERATED BY AMEREN MISSOURI.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 38.581799
LONGITUDE: -90.865528
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 168
PROBE HEIGHT: 4

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: JULY 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
3	1.0	1.0	1.0	1.0	1.0	BF	1.0	1.0	2.0	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	1.0	23	2.0
4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	5.0	6.0	8.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	8.0
5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
10	1.0	1.0	1.0	1.0	1.0	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	8.0	3.0	1.0	1.0	1.0	1.0	1.0	23	8.0
11	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
12	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
13	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
15	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	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	24	2.0
16	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	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	1.0	1.0	24	2.0
17	1.0	1.0	1.0	1.0	1.0	BF	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	1.0	23	1.0
18	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
19	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
21	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
22	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	3.0	2.0	2.0	3.0	2.0	2.0	2.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	24	3.0
23	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	6.0	5.0	5.0	4.0	3.0	2.0	2.0	2.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	24	6.0
24	1.0	1.0	1.0	1.0	1.0	BF	2.0	2.0	BF	BF	BF	2.0	1.0	2.0	4.0	6.0	3.0	3.0	1.0	1.0	1.0	1.0	BA	1.0	19	6.0
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BF	BF	1.0	1.0	2.0	2.0	6.0	6.0	3.0	1.0	1.0	1.0	1.0	1.0	22	6.0
26	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
27	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
28	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
29	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
30	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
31	1.0	1.0	1.0	1.0	1.0	BF	1.0	1.0	1.0	BD	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	22	2.0
NO.:	31	31	31	31	31	26	31	31	30	29	29	30	31	31	31	31	31	31	31	31	31	31	30	31		
MAX:	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	6.0	5.0	5.0	4.0	5.0	6.0	8.0	6.0	6.0	8.0	3.0	2.0	1.0	1.0	1.0	1.0		
AVG:	1.00	1.00	1.00	1.00	1.00	1.00	1.06	1.16	1.30	1.21	1.21	1.27	1.26	1.29	1.42	1.26	1.29	1.48	1.23	1.03	1.00	1.00	.97	1.00		

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: 1.14 MONTHLY MAX: 8.0

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.581799
LONGITUDE: -90.865528
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 168
PROBE HEIGHT: 4

SITE ID: 29-183-9002 POC: 1
COUNTY: (183) Saint Charles
CITY: (00000) Not in a city
SITE ADDRESS: NORTHWEST SITE: Rt.94, Augusta, MO 63332 Intersection with Schluersburg Rd
SITE COMMENTS: Indsutry monitoring
MONITOR COMMENTS: A SPECIAL PURPOSE INDUSTRY MONITOR OPERATED BY AMEREN MISSOURI.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: AUGUST 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

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	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	3.0	5.0	3.0	5.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	5.0
2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	2.0	2.0	1.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	3.0
5	1.0	1.0	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	2.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	24	2.0
6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
7	1.0	1.0	1.0	1.0	1.0	BF	1.0	1.0	3.0	3.0	2.0	2.0	2.0	4.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	23	4.0
8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0	5.0	2.0	1.0	2.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	24	5.0
9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	5.0	5.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	5.0
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
11	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
12	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
13	1.0	1.0	1.0	1.0	1.0	1.0	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	1.0	1.0	1.0	1.0	1.0	24	2.0
14	1.0	1.0	1.0	1.0	1.0	BF	1.0	1.0	1.0	1.0	1.0	3.0	6.0	3.0	6.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	23	6.0
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	3.0	3.0	7.0	15.0	7.0	3.0	5.0	5.0	2.0	1.0	1.0	1.0	1.0	1.0	24	15.0
16	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
17	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
18	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
19	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
21	1.0	1.0	1.0	1.0	1.0	BF	1.0	BF	BF	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	1.0	1.0	21	2.0
22	1.0	1.0	1.0	2.0	2.0	2.0	2.0	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	1.0	1.0	1.0	24	2.0
23	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
24	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
26	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
27	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	4.0	2.0	1.0	2.0	2.0	3.0	2.0	4.0	7.0	1.0	1.0	1.0	1.0	1.0	1.0	24	7.0
28	1.0	1.0	1.0	1.0	1.0	BF	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	1.0	1.0	1.0	1.0	1.0	23	2.0
29	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
30	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	2.0
31	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
NO.:	31	31	31	31	31	27	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	3.0	4.0	5.0	5.0	7.0	15.0	7.0	3.0	5.0	7.0	2.0	2.0	1.0	1.0	1.0	1.0		
AVG:	1.00	1.00	1.00	1.03	1.03	1.04	1.03	1.03	1.13	1.29	1.45	1.48	1.61	1.97	1.65	1.26	1.39	1.42	1.10	1.03	1.00	1.00	1.00	1.00		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 1.21 MONTHLY MAX: 15.0

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

(42401) Sulfur dioxide

SITE ID: 29-183-9002 POC: 1
COUNTY: (183) Saint Charles
CITY: (00000) Not in a city
SITE ADDRESS: NORTHWEST SITE: Rt.94, Augusta, MO 63332 Intersection with Schluersburg Rd
SITE COMMENTS: Indsutry monitoring
MONITOR COMMENTS: A SPECIAL PURPOSE INDUSTRY MONITOR OPERATED BY AMEREN MISSOURI.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 38.581799
LONGITUDE: -90.865528
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 168
PROBE HEIGHT: 4

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: SEPTEMBER 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
2	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	AZ	AZ	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	22	1.0
3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	BF	BC	BC	BF	.0	.0	.0	.0	.0	20	1.0
4	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	24	2.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
11	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	24	1.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	2.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	9.0	6.0	6.0	5.0	4.0	1.0	.0	.0	.0	.0	.0	.0	24	9.0
22	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	6.0	5.0	4.0	2.0	2.0	2.0	3.0	1.0	.0	1.0	.0	.0	.0	24	6.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.0	6.0	13.0	6.0	2.0	3.0	3.0	2.0	1.0	.0	.0	.0	.0	.0	24	13.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.0	4.0	2.0	2.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	24	7.0
25	.0	.0	.0	.0	.0	BF	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	21	1.0
26	1.0	1.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
27	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	3.0	3.0	2.0	2.0	4.0	3.0	5.0	1.0	.0	.0	.0	.0	.0	.0	24	5.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
31																									0	
NO.:	30	30	30	30	30	27	30	30	30	30	30	30	30	29	29	28	28	29	29	30	30	30	29	30		
MAX:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	8.0	6.0	13.0	6.0	6.0	5.0	5.0	3.0	1.0	1.0	1.0	1.0	1.0	1.0		
AVG:	.13	.13	.10	.10	.10	.15	.13	.13	.23	.47	.87	.83	1.23	.83	.66	.61	.64	.34	.14	.07	.13	.07	.07	.07		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .34 MONTHLY MAX: 13.0

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

(42401) Sulfur dioxide

SITE ID: 29-183-9002 POC: 1
COUNTY: (183) Saint Charles
CITY: (00000) Not in a city
SITE ADDRESS: NORTHWEST SITE: Rt.94, Augusta, MO 63332 Intersection with Schluersburg Rd
SITE COMMENTS: Indsutry monitoring
MONITOR COMMENTS: A SPECIAL PURPOSE INDUSTRY MONITOR OPERATED BY AMEREN MISSOURI.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 38.581799
LONGITUDE: -90.865528
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 168
PROBE HEIGHT: 4

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: OCTOBER 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
2	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
3	.0	.0	.0	1.0	.0	.0	BD	BD	BD	BD	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	1.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
6	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	2.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	AZ	AZ	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	7.0	11.0	14.0	15.0	8.0	3.0	1.0	.0	.0	.0	.0	.0	.0	.0	24	15.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	AZ	AZ	AZ	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	1.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
18	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	5.0	7.0	6.0	8.0	5.0	3.0	1.0	2.0	5.0	4.0	1.0	1.0	1.0	1.0	24	8.0
19	.0	.0	1.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	24	1.0
20	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
21	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	2.0	1.0	.0	.0	.0	24	2.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	.0	23	0.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
26	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	1.0	24	2.0
27	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
30	.0	.0	.0	.0	.0	BF	.0	BF	BF	.0	1.0	3.0	7.0	4.0	2.0	3.0	4.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0	21	7.0
31	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
NO.:	31	31	31	31	31	29	30	29	29	28	29	30	31	31	31	31	31	31	31	31	31	31	28	31		
MAX:	1.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	7.0	11.0	14.0	15.0	8.0	3.0	4.0	3.0	5.0	4.0	1.0	1.0	2.0	1.0		
AVG:	.03	0.00	.10	.10	.03	.03	.03	.07	.14	.21	.59	.87	1.03	1.00	.61	.32	.23	.16	.23	.26	.10	.10	.14	.10		

MONTHLY OBSERVATIONS: 728 MONTHLY MEAN: .27 MONTHLY MAX: 15.0

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

(42401) Sulfur dioxide

SITE ID: 29-183-9002 POC: 1
COUNTY: (183) Saint Charles
CITY: (00000) Not in a city
SITE ADDRESS: NORTHWEST SITE: Rt.94, Augusta, MO 63332 Intersection with Schluersburg Rd
SITE COMMENTS: Indsutry monitoring
MONITOR COMMENTS: A SPECIAL PURPOSE INDUSTRY MONITOR OPERATED BY AMEREN MISSOURI.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
LATITUDE: 38.581799
LONGITUDE: -90.865528
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 168
PROBE HEIGHT: 4

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: NOVEMBER 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.0	7.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	24	7.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.0	2.0	.0	.0	1.0	1.0	.0	.0	1.0	1.0	.0	24	4.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
6	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	8.0	35.0	18.0	4.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	24	35.0
9	.0	.0	.0	.0	.0	.0	AV	AV	.0	.0	.0	2.0	5.0	20.0	28.0	10.0	4.0	1.0	.0	.0	.0	.0	.0	.0	22	28.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	1.0	1.0	1.0	.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	24	3.0
11	1.0	1.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
13	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	1.0	1.0	24	1.0
16	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
17	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	24	1.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
20	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	2.0	7.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0	.0	.0	.0	23	7.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	24	1.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
27	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
31																									0	
NO.:	30	30	30	30	30	26	29	29	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.0	1.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	8.0	35.0	20.0	28.0	10.0	4.0	2.0	3.0	2.0	1.0	1.0	1.0	1.0		
AVG:	.07	.07	.03	0.00	.03	.04	.03	.07	.03	.07	.17	.57	1.63	1.70	1.50	.57	.30	.23	.27	.13	.07	.07	.13	.10		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .33 MONTHLY MAX: 35.0

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.581799
LONGITUDE: -90.865528
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 168
PROBE HEIGHT: 4

SITE ID: 29-183-9002 POC: 1
COUNTY: (183) Saint Charles
CITY: (00000) Not in a city
SITE ADDRESS: NORTHWEST SITE: Rt.94, Augusta, MO 63332 Intersection with Schluersburg Rd
SITE COMMENTS: Indsutry monitoring
MONITOR COMMENTS: A SPECIAL PURPOSE INDUSTRY MONITOR OPERATED BY AMEREN MISSOURI.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (0000) NOT IN AN URBAN AREA
LAND USE: AGRICULTURAL
LOCATION SETTING: RURAL

SUPPORT AGENCY: (1440) Ameren Missouri
MONITOR TYPE: SPM
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1440) Ameren Missouri

REPORT FOR: DECEMBER 2015

DURATION: 1 HOUR
UNITS: Parts per billion
MIN DETECTABLE: .4

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
4	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	23	1.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	.0	.0	.0	.0	24	2.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	1.0	.0	24	1.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	.0	.0	24	1.0
11	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	24	1.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
15	.0	.0	.0	.0	.0	.0	.0	.0	7.0	14.0	3.0	1.0	1.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	24	14.0
16	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
18	.0	.0	.0	.0	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	1.0	.0	.0	.0	.0	24	2.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	24	1.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
22	.0	.0	.0	.0	.0	.0	.0	1.0	26.0	8.0	3.0	2.0	2.0	3.0	11.0	7.0	4.0	2.0	2.0	1.0	1.0	1.0	.0	.0	24	26.0
23	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	1.0	5.0	4.0	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	24	5.0
25	.0	.0	.0	.0	.0	BF	.0	BF	BF	BC	BC	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	19	1.0
26	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	24	1.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
28	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.0	.0	24	1.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	1.0	1.0	1.0	.0	.0	.0	.0	24	1.0
31	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	24	1.0
NO.:	31	31	31	31	31	27	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	26.0	14.0	3.0	3.0	2.0	5.0	11.0	7.0	4.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0		
AVG:	.06	.03	.06	.03	.06	.04	.06	.07	1.17	.83	.30	.35	.26	.58	.77	.61	.45	.39	.39	.29	.19	.16	.13	.10		

MONTHLY OBSERVATIONS: 736 MONTHLY MEAN: .31 MONTHLY MAX: 26.0

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.6564979436
LONGITUDE: -90.198646278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 137
PROBE HEIGHT:

SITE ID: 29-510-0085 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: BLAIR STREET: 3247 Blair Street, St. Louis, MO 63107
SITE COMMENTS: There has not been any traffic count done since 2005 for lack of staff, according
MONITOR COMMENTS: NCORE REQUIREMENT

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (600) Instrumental Ultraviolet Fluoresce
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JANUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.1	.2	.2	.1	1.5	2.4	.8	.2	.5	2.2	2.3	1.9	2.2	.6	2.1	8.0	5.8	1.0	.7	.7	.4	1.3	1.1	2.2	24	8.0
2	3.1	1.8	1.1	2.2	BF	BF	.1	.3	.4	.3	4.8	5.1	1.4	1.1	.5	.6	.3	.4	.5	.6	.4	.3	.5	.6	22	5.1
3	.8	.7	.7	.7	.7	1.0	1.2	1.0	1.0	1.5	1.2	1.6	1.6	1.6	1.4	1.5	1.8	1.8	1.5	1.5	1.7	1.6	1.5	1.3	24	1.8
4	1.1	1.1	1.2	1.1	BF	BF	.6	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	1.2
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.6	1.9	.0	.1	.5	.9	.5	.4	1.0	7.0	6.5	24	7.0
6	2.4	.8	1.2	.9	BF	BF	.4	.5	.4	.6	.6	.0	.0	BF	BF	BF	BF	BF	AL	AL	AL	AL	AL	AL	11	2.4
7	AL	AL	AL	AL	AL	AL	AL	AL	BC	BC	BC	BC	BC	BC	BC	BC	BC	.0	.0	.3	.0	.3	.4	.4	7	.4
8	.6	.5	.5	1.2	BF	BF	.9	1.1	12.5	10.5	6.6	8.3	5.6	10.1	7.8	13.1	7.4	3.9	2.8	3.0	3.1	3.5	3.8	3.6	22	13.1
9	3.0	2.8	2.5	2.2	1.8	1.9	1.8	2.0	1.8	1.7	1.9	1.8	2.0	1.7	1.9	1.9	2.2	2.1	2.1	2.2	1.8	1.8	2.0	1.8	24	3.0
10	1.8	1.8	1.3	1.0	BF	BF	1.6	3.1	7.2	13.0	6.4	5.6	10.2	6.3	5.2	7.4	4.3	3.6	4.1	3.3	4.0	4.4	3.9	3.9	22	13.0
11	4.8	8.5	19.3	5.5	13.0	5.9	4.6	4.8	4.4	5.0	7.5	3.6	4.8	3.5	3.4	2.7	2.7	2.7	2.6	2.3	2.8	2.4	2.5	2.7	24	19.3
12	4.5	4.3	2.8	2.8	BF	BF	2.2	2.4	2.2	2.2	2.0	2.1	1.9	1.9	1.7	1.6	1.2	1.1	2.1	2.9	4.4	4.5	3.5	1.9	22	4.5
13	2.7	3.3	3.5	2.6	2.0	2.3	2.7	2.8	3.0	2.2	2.0	1.8	1.8	1.9	1.9	3.0	2.7	1.8	2.5	2.7	1.9	2.5	2.2	2.3	24	3.5
14	2.2	2.4	2.0	1.9	BF	BF	2.1	2.0	2.2	BF	BF	BF	AT	AT	AT	1.5	5.0	4.3	4.0	13.5	6.4	12.3	6.9	4.4	16	13.5
15	5.1	8.0	8.4	2.5	1.8	1.6	1.6	1.5	1.8	1.7	2.3	3.8	11.7	13.3	9.3	14.7	6.5	6.5	2.9	1.6	1.6	1.8	1.7	1.5	24	14.7
16	1.5	1.7	1.4	1.5	BF	BF	1.1	1.1	1.2	1.3	12.6	9.9	12.1	16.2	11.0	4.6	3.5	5.3	4.1	3.0	2.5	2.8	2.6	2.3	22	16.2
17	3.0	10.1	15.4	4.4	3.8	5.1	3.7	3.3	3.7	8.8	12.6	12.0	9.0	11.4	18.1	9.1	3.8	3.0	2.6	2.4	2.4	2.7	3.1	2.6	24	18.1
18	2.6	2.4	1.8	1.4	BF	BF	2.8	3.4	2.5	2.7	2.3	2.1	1.9	1.7	1.8	2.0	2.3	2.4	2.3	2.1	2.1	2.3	1.8	1.6	22	3.4
19	2.2	2.3	1.8	2.2	2.3	2.1	2.0	2.4	2.3	3.1	2.9	3.1	3.5	3.6	4.0	3.2	3.2	3.2	3.1	2.7	2.3	2.4	2.5	2.7	24	4.0
20	2.5	2.7	2.6	2.2	BF	BF	1.8	1.9	2.0	1.9	2.1	2.2	2.7	2.4	2.2	2.1	2.0	1.8	1.8	1.9	2.2	1.7	1.3	1.4	22	2.7
21	1.6	1.5	1.4	1.5	1.6	1.4	1.6	1.8	1.7	BL	BL	BF	BF	BF	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	19	1.8
22	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
23	.0	.0	.0	1.1	1.8	.8	.3	.4	.2	.3	1.0	.7	.9	.9	.4	.4	.1	.3	.1	.2	.1	.1	.5	.2	24	1.8
24	.8	.6	.6	1.3	BF	BF	1.0	.9	1.1	.8	.9	1.4	1.0	1.5	8.4	1.9	7.5	6.1	1.8	1.5	1.1	.7	1.2	1.6	22	8.4
25	1.4	1.7	1.7	1.6	1.5	1.4	1.4	1.3	1.6	1.5	1.3	1.5	1.5	1.8	1.4	1.2	1.0	.9	.5	.3	.2	.0	.2	.0	24	1.8
26	.0	.0	.0	.1	BF	BF	.1	.0	.0	.0	.0	.4	1.4	2.3	3.5	3.6	2.0	1.0	1.0	.8	1.0	5.5	1.5	.8	22	5.5
27	.7	.7	.7	.3	.4	.3	.1	.2	.1	.0	.0	.0	.0	.0	.1	.3	.0	.3	.0	.0	.0	.0	.0	.0	24	.7
28	.0	.0	.0	.0	BF	BF	.0	.0	.4	1.0	1.1	1.5	1.5	1.7	1.9	2.7	2.4	2.4	2.0	2.2	1.9	2.0	1.9	14.5	22	14.5
29	4.2	3.3	2.3	1.8	2.0	1.5	.3	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	4.2
30	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.5	.0	1.3	.8	.1	.2	.2	.9	.4	.1	.2	.0	.0	.0	22	1.3
31	.0	.7	2.5	1.3	9.1	1.4	.9	.9	1.3	.5	1.3	2.0	2.0	3.5	6.1	4.8	3.8	1.8	1.6	1.0	.5	.7	.9	2.6	24	9.1
NO.:	30	30	30	30	15	15	30	30	30	28	28	28	28	27	28	29	29	30	30	30	30	30	30	30		
MAX:	5.1	10.1	19.3	5.5	13.0	5.9	4.6	4.8	12.5	13.0	12.6	12.0	12.1	16.2	18.1	14.7	7.5	6.5	4.1	13.5	6.4	12.3	7.0	14.5		
AVG:	1.76	2.13	2.56	1.51	2.89	1.94	1.26	1.33	1.87	2.25	2.72	2.59	3.08	3.50	3.44	3.18	2.48	1.97	1.60	1.78	1.51	1.95	1.82	2.11		

MONTHLY OBSERVATIONS: 675 MONTHLY MEAN: 2.19 MONTHLY MAX: 19.3

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.6564979436
LONGITUDE: -90.198646278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 137
PROBE HEIGHT:

SITE ID: 29-510-0085 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: BLAIR STREET: 3247 Blair Street, St. Louis, MO 63107
SITE COMMENTS: There has not been any traffic count done since 2005 for lack of staff, according
MONITOR COMMENTS: NCORE REQUIREMENT

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (600) Instrumental Ultraviolet Fluoresce
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: FEBRUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	3.8	3.2	1.9	1.3	BF	BF	.8	1.1	1.2	1.4	1.4	2.4	1.7	2.0	1.7	1.6	1.3	1.4	1.3	1.4	.8	.7	.4	.8	22	3.8
2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	.1	.0	.0	1.7	4.8	24	4.8
3	6.9	7.4	9.8	13.5	BF	BF	4.3	2.5	1.5	1.3	1.5	3.1	4.3	3.6	4.8	2.9	2.4	2.3	.8	2.7	3.2	7.1	4.0	1.9	22	13.5
4	2.5	1.3	1.1	.9	.7	.9	.6	.9	BF	BF	.6	1.0	1.3	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	2.5
5	.0	.0	.0	.0	BF	BF	.0	.1	.2	1.4	1.1	.0	.0	.4	8.1	10.9	3.4	.0	.0	.9	.2	.0	.0	.1	22	10.9
6	.3	7.8	5.6	8.4	.9	2.0	3.6	2.2	2.5	5.9	11.6	10.3	11.0	5.9	3.0	2.5	1.8	1.4	1.3	1.4	2.4	12.9	4.5	8.7	24	12.9
7	17.8	17.4	4.6	3.8	BF	BF	4.4	17.7	3.0	4.3	13.5	14.3	14.9	8.4	11.3	6.4	15.4	9.4	9.8	9.7	27.9	6.2	3.9	2.8	22	27.9
8	2.3	2.2	2.5	2.0	2.1	1.5	2.5	3.8	3.4	4.3	6.0	7.6	3.4	3.5	5.4	2.2	2.3	1.9	1.8	1.1	.4	.7	.1	.5	24	7.6
9	.3	.7	.2	.2	BF	BF	.1	.1	.1	.5	.0	.4	.6	.5	.2	.4	1.0	.4	.0	.0	.9	3.0	.4	.9	22	3.0
10	1.6	.7	.0	.0	.0	.1	.0	.1	.0	.0	.0	.4	.4	.4	.7	1.2	1.6	1.4	1.5	1.1	.6	.5	.5	.7	24	1.6
11	1.8	1.7	.7	.9	BF	BF	.1	.5	.8	.8	.5	.2	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	22	1.8
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	24	.1
13	.2	.0	.0	.0	BF	BF	.0	.0	2.9	5.3	3.7	9.1	7.5	6.7	9.8	8.6	8.6	8.1	14.9	2.1	4.2	4.2	1.1	1.1	22	14.9
14	.9	.8	1.0	1.2	1.3	.9	.9	.8	.7	.6	.1	.0	.2	.0	.0	.0	.0	.2	.1	.4	.0	.2	1.2	.0	24	1.3
15	.0	.0	.0	.0	BF	BF	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	22	.1
16	.2	.9	.2	.2	.0	.0	.4	.9	.2	.4	.5	.9	1.2	1.9	.8	1.2	1.1	1.9	1.6	1.4	.8	.2	.4	.4	24	1.9
17	.3	.4	.7	.8	BF	BF	.8	.9	.9	1.3	1.7	1.4	1.7	1.0	4.8	7.4	5.1	4.9	8.6	5.2	1.3	.5	.5	.6	22	8.6
18	.5	.4	.2	.2	.2	.3	.1	.1	.1	.1	.3	.1	.1	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	24	.5
19	.0	.0	.0	.0	BF	BF	.0	.0	.0	.3	.0	BF	BF	BF	BF	.0	.0	1.4	2.1	.0	.0	.0	.1	.0	18	2.1
20	.0	.0	.0	.0	.3	.2	1.1	1.1	1.1	2.1	1.4	.6	.9	1.3	2.2	2.5	1.6	.8	1.0	.7	.5	.5	.4	.9	24	2.5
21	.5	.6	.5	.4	BF	BF	.2	.6	.9	1.1	1.4	2.9	2.6	1.1	1.1	1.7	.8	.5	.3	.1	.3	.0	.0	.0	22	2.9
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	.5
23	.0	.0	.0	.0	BF	BF	.0	.0	.0	.5	2.0	6.2	2.6	.0	.0	.2	2.7	2.9	.6	2.0	.0	.0	.0	6.2	22	6.2
24	2.6	.1	.0	.1	.0	.5	1.0	1.2	.9	2.3	1.7	.5	.4	.8	2.7	2.0	.9	1.0	1.0	.8	1.1	.9	.8	.5	24	2.7
25	.7	.7	.7	.8	BF	BF	1.1	1.4	1.4	.9	1.0	1.8	4.7	7.1	7.2	3.9	2.3	1.5	1.0	1.3	1.0	1.4	1.4	1.0	22	7.2
26	1.1	1.0	1.2	.9	1.3	1.7	.4	.2	.2	.1	.6	1.1	.8	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	24	1.7
27	.0	.0	.0	.0	BF	BF	.0	.0	.7	.0	.0	.0	.2	1.0	1.2	1.3	3.4	2.1	.1	.0	.0	.0	.0	.0	22	3.4
28	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.3	4.6	3.0	2.3	1.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	4.6
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	14	14	28	28	27	27	28	27	27	27	27	28	28	28	28	28	28	28	28	28		
MAX:	17.8	17.4	9.8	13.5	2.1	2.0	4.4	17.7	3.4	5.9	13.5	14.3	14.9	8.4	11.3	10.9	15.4	9.4	14.9	9.7	27.9	12.9	4.5	8.7		
AVG:	1.59	1.69	1.11	1.27	.49	.58	.80	1.29	.87	1.41	1.98	2.50	2.34	1.82	2.44	2.04	2.00	1.56	1.79	1.16	1.63	1.39	.76	1.15		

MONTHLY OBSERVATIONS: 638 MONTHLY MEAN: 1.52 MONTHLY MAX: 27.9

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.6564979436
LONGITUDE: -90.198646278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 137
PROBE HEIGHT:

SITE ID: 29-510-0085 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: BLAIR STREET: 3247 Blair Street, St. Louis, MO 63107
SITE COMMENTS: There has not been any traffic count done since 2005 for lack of staff, according
MONITOR COMMENTS: NCORE REQUIREMENT

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (600) Instrumental Ultraviolet Fluoresce
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: MARCH 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	1.7	24	1.7
3	1.5	1.9	2.0	2.2	BF	BF	2.6	1.9	1.7	3.1	4.4	2.3	4.0	2.1	1.7	1.4	1.3	1.1	1.3	1.1	.8	.7	1.0	.8	22	4.4
4	.6	.4	.4	.9	1.4	.9	.8	.9	.4	.6	.4	.0	.2	.9	1.1	1.7	1.0	1.4	.0	.0	.0	.0	.0	.0	24	1.7
5	.0	.0	.0	.1	BF	BF	.0	.0	1.4	1.2	.2	.0	.0	.0	.0	BF	BF	BF	.6	.8	.1	.6	.0	.0	19	1.4
6	.3	.1	.9	.4	.2	.1	.5	1.3	2.4	1.9	2.3	2.7	2.5	4.2	6.2	8.7	10.9	3.9	2.2	1.8	2.1	2.8	4.9	2.8	24	10.9
7	1.8	1.8	1.4	1.2	BF	BF	1.5	1.4	1.6	1.7	2.9	9.2	9.9	12.1	3.7	1.6	1.8	1.8	2.1	1.8	1.8	2.2	3.1	1.5	22	12.1
8	1.6	1.9	1.7	1.3	1.4	1.4	1.6	1.8	2.3	2.8	3.2	4.0	5.2	7.0	4.3	3.7	3.5	3.0	2.8	2.4	2.6	3.8	6.8	5.7	24	7.0
9	9.0	4.6	2.6	2.5	BF	BF	2.8	1.9	5.2	6.4	7.1	5.7	5.8	5.9	4.1	4.5	4.2	3.3	2.5	2.1	1.7	1.9	2.0	2.4	22	9.0
10	2.1	2.0	2.1	2.2	2.0	2.3	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.5	2.7	4.0	3.2	2.3	2.2	2.1	2.3	2.0	2.1	1.9	24	4.0
11	1.7	1.9	2.3	2.0	BF	BF	2.1	2.3	1.9	1.8	2.0	3.1	3.0	4.0	5.7	2.4	2.4	2.5	1.8	2.2	1.7	1.5	1.4	1.9	22	5.7
12	1.4	1.3	1.4	1.6	1.4	1.4	1.6	1.1	1.8	1.5	1.8	2.8	3.9	3.5	2.8	3.2	2.3	2.2	2.5	2.3	2.5	2.7	2.5	1.9	24	3.9
13	2.1	1.9	1.8	1.8	BF	BF	1.9	1.9	2.2	2.0	2.0	1.7	2.2	2.1	2.2	2.0	2.1	2.5	2.2	2.1	2.3	2.5	2.3	2.5	22	2.5
14	2.6	2.9	2.7	2.4	2.5	2.4	2.5	2.5	2.4	2.5	2.3	2.1	2.4	2.0	3.5	3.1	2.3	2.8	2.1	2.5	2.5	1.9	2.1	2.1	24	3.5
15	2.0	1.7	1.6	1.9	BF	BF	1.4	1.6	1.8	1.7	1.7	1.4	1.6	2.2	2.7	4.3	4.5	3.8	5.7	2.4	21.7	10.0	2.8	2.3	22	21.7
16	2.5	2.4	2.4	2.5	2.3	2.1	2.3	2.5	4.3	4.8	5.5	5.7	2.8	2.7	2.8	3.1	3.1	3.2	3.1	2.8	3.0	3.3	3.0	3.3	24	5.7
17	5.1	3.7	3.0	3.3	BF	BF	2.0	2.0	1.8	1.4	1.7	1.4	1.5	1.7	1.9	1.8	1.9	1.8	1.8	3.2	3.2	2.2	4.9	2.4	22	5.1
18	3.7	2.1	2.2	2.1	2.2	2.3	2.1	2.3	2.4	BF	BF	BF	AT	AT	3.0	2.5	2.1	2.7	2.1	1.2	1.0	.8	.7	.9	19	3.7
19	1.4	2.1	1.9	1.8	BF	BF	2.0	2.2	2.4	3.0	3.0	3.0	2.9	2.9	2.6	2.3	2.5	2.6	2.3	2.0	1.5	.9	1.4	1.2	22	3.0
20	1.3	1.6	1.8	1.6	1.6	1.3	1.4	.9	1.0	1.0	.9	1.1	.9	1.3	1.0	1.9	14.2	11.7	7.7	3.8	1.3	1.3	1.2	1.0	24	14.2
21	1.5	1.5	3.5	1.9	BF	BF	1.3	1.7	1.9	1.6	1.6	1.2	1.7	1.4	1.2	1.4	3.0	3.0	.9	1.2	1.4	2.2	1.3	1.4	22	3.5
22	1.0	1.2	1.4	1.2	1.1	1.2	1.3	1.6	2.0	1.8	2.6	3.9	4.1	4.2	3.3	2.3	1.8	1.6	2.3	1.8	1.2	1.2	1.3	1.5	24	4.2
23	1.5	1.2	1.3	1.4	BF	BF	2.1	2.3	8.5	7.4	15.3	9.7	3.6	3.5	2.4	1.9	1.7	1.6	3.0	2.4	2.0	1.3	1.5	1.4	22	15.3
24	1.3	.7	1.1	1.3	1.9	1.1	1.4	1.1	.9	1.1	1.3	1.6	1.8	1.7	2.1	2.1	2.0	2.6	2.6	2.4	2.3	2.2	2.9	3.3	24	3.3
25	2.7	2.2	2.1	1.8	BF	BF	2.9	2.4	1.7	2.0	2.3	1.9	1.7	2.4	2.8	2.5	2.0	1.8	1.7	1.8	2.7	1.9	2.0	1.7	22	2.9
26	1.7	1.7	1.3	1.7	1.5	1.3	1.5	1.6	1.3	BA	1.5	2.3	2.3	2.2	2.2	2.2	1.9	2.3	1.9	1.9	2.1	2.2	2.1	2.5	23	2.5
27	2.3	2.5	2.0	2.1	BF	BF	1.5	1.7	2.0	1.8	1.6	1.6	2.1	1.9	1.8	1.6	1.3	1.3	1.4	1.7	1.5	2.8	2.9	1.8	22	2.9
28	1.5	1.4	1.6	1.6	1.4	1.3	1.0	.9	1.5	1.6	1.7	1.9	1.8	1.8	2.0	2.1	1.7	1.6	1.7	1.5	1.5	1.6	1.4	1.6	24	2.1
29	1.3	1.9	2.3	2.3	BF	BF	2.2	2.8	3.5	4.2	8.6	5.1	6.5	4.5	3.4	3.0	3.7	3.7	3.0	2.1	2.3	2.3	2.1	1.8	22	8.6
30	2.0	2.2	2.0	1.8	1.7	2.0	2.0	1.7	2.0	1.6	1.8	1.7	1.8	2.3	4.0	2.7	2.2	3.5	7.1	3.6	2.8	15.8	3.2	3.0	24	15.8
31	2.8	2.9	3.1	3.2	BF	BF	4.6	3.0	3.4	4.1	3.1	3.4	2.9	3.1	3.1	3.1	2.9	2.7	3.3	2.7	2.9	3.0	3.2	2.8	22	4.6
NO.:	31	31	31	31	15	15	31	31	31	29	30	30	30	30	31	30	30	30	31	31	31	31	31	31		
MAX:	9.0	4.6	3.5	3.3	2.5	2.4	4.6	3.0	8.5	7.4	15.3	9.7	9.9	12.1	6.2	8.7	14.2	11.7	7.7	3.8	21.7	15.8	6.8	5.7		
AVG:	1.95	1.73	1.74	1.68	1.51	1.41	1.71	1.66	2.19	2.31	2.84	2.76	2.72	2.87	2.59	2.57	2.92	2.61	2.38	1.93	2.41	2.50	2.15	1.91		

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: 2.24 MONTHLY MAX: 21.7

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.6564979436
LONGITUDE: -90.198646278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 137
PROBE HEIGHT:

SITE ID: 29-510-0085 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: BLAIR STREET: 3247 Blair Street, St. Louis, MO 63107
SITE COMMENTS: There has not been any traffic count done since 2005 for lack of staff, according
MONITOR COMMENTS: NCORE REQUIREMENT

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (600) Instrumental Ultraviolet Fluoresce
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: APRIL 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	3.2	2.8	3.2	4.6	23.0	11.5	4.3	4.7	BF	BF	BF	BC	BC	1.1	1.1	.9	1.2	1.4	1.2	2.5	2.7	3.6	1.6	2.0	19	23.0
2	4.3	3.7	12.3	12.8	BF	BF	3.5	2.6	3.6	1.9	1.8	2.3	2.7	2.1	1.7	1.8	2.3	1.9	1.2	1.2	1.5	1.5	1.4	1.0	22	12.8
3	1.2	1.3	1.4	1.4	1.3	1.1	1.4	1.2	1.0	1.0	1.5	.8	.9	.5	.3	.3	.2	.1	.2	-.1	DA	-.1	.1	DA	22	1.5
4	DA	DA	DA	DA	BF	BF	DA	DA	DA	DA	.0	6.0	1.0	.2	.6	1.5	1.5	.6	2.5	4.2	.8	.0	3.0	22.0	14	22.0
5	2.4	.5	.1	3.9	.3	.3	3.2	25.2	16.5	5.4	3.6	2.7	2.4	2.0	2.7	2.5	2.2	3.0	3.8	1.3	1.7	3.8	7.5	18.2	24	25.2
6	19.1	19.2	13.3	5.7	BF	BF	9.3	10.1	2.9	7.1	4.4	3.2	2.6	2.2	1.9	2.0	1.7	1.6	1.4	3.2	6.2	3.1	2.0	1.8	22	19.2
7	1.6	1.7	1.8	1.9	1.3	1.3	1.8	1.5	1.9	1.2	1.6	1.3	1.5	1.5	1.6	1.7	3.5	11.3	7.3	11.2	4.2	4.0	2.7	2.5	24	11.3
8	2.5	2.4	2.2	1.9	BF	BF	8.5	9.2	12.4	5.8	3.2	BF	BF	BF	BF	AL	AL	AL	AL	AL	AL	AL	AL	AL	9	12.4
9	AL	AL	AL	AL	AL	AL	AL	AL	BC	BC	BC	BC	BC	BC	2.3	.5	.8	3.8	2.1	.3	.0	.0	.0	.0	10	3.8
10	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
11	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	24	.9
12	.0	.0	.0	.0	BF	BF	.0	.3	.8	1.5	1.4	.2	.1	1.4	.7	.4	.2	.0	.1	.2	.1	.0	.1	.0	22	1.5
13	.1	2.3	.6	.9	.3	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.1	1.5	1.5	24	2.3
14	1.5	1.3	.0	.0	BF	BF	.0	.0	.0	3.9	.1	.0	.0	BF	BF	BF	BF	.0	.0	.0	1.1	.6	.4	1.8	18	3.9
15	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
16	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.1	.3	.7	.7	.1	.0	.0	.0	.0	.0	.0	22	.7
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
18	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.1	.1	.3	.0	.4	.4	.5	.3	.2	.4	.2	.1	.2	22	.5
19	.3	.2	.6	.8	.9	.9	.8	1.0	.8	.7	.8	.9	1.2	1.5	1.5	1.3	1.1	1.2	.9	1.0	1.1	1.1	1.1	.7	24	1.5
20	.9	1.0	.7	.8	BF	BF	.6	.8	.3	.6	.3	.2	.6	.0	.2	.1	.0	.0	.0	.1	.0	.0	.1	.1	22	1.0
21	.0	.1	.1	.0	.0	.1	1.2	2.2	.6	.0	.0	.0	.1	.9	.4	.9	.1	.3	.5	.3	.7	.4	.2	1.7	24	2.2
22	.7	2.3	.2	.2	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	2.3
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.1	24	.5
24	.0	.0	.0	.0	BF	BF	.0	.0	.0	.3	.0	.1	.0	.0	.2	.5	.2	.6	.1	.1	.2	.1	.1	.3	22	.6
25	.5	.3	.4	.8	.9	.6	.6	1.1	.9	.9	2.5	5.9	2.9	1.1	1.6	1.1	1.1	.8	1.1	1.0	.2	.4	.3	.1	24	5.9
26	.2	.0	.2	.1	BF	BF	.0	.0	.0	.3	1.1	.2	.1	.3	.1	.1	.1	.0	.0	.0	.0	2.6	4.0	.0	22	4.0
27	.8	.0	.0	.0	.0	.0	.1	.2	.4	.1	1.1	.0	.0	.4	.3	.0	.0	.0	.0	.0	.0	.1	.0	.0	24	1.1
28	.0	.0	.0	.0	BF	BF	.0	BF	BF	AT	1.3	.6	.9	1.2	1.4	1.5	1.4	1.2	1.0	.9	1.0	1.0	.7	1.2	19	1.5
29	1.0	.9	1.1	1.0	.9	.8	1.1	1.2	1.3	1.6	1.1	1.3	1.0	.7	1.7	1.6	1.4	1.9	1.6	1.2	1.3	1.3	1.3	1.2	24	1.9
30	1.2	1.2	.9	1.4	BF	BF	1.6	2.3	2.6	2.6	2.1	.8	.8	1.0	1.3	.9	.7	1.0	.5	.5	.4	1.1	1.3	.4	22	2.6
31																									0	
NO.:	28	28	28	28	14	14	28	27	26	26	28	27	27	27	28	28	28	29	29	29	28	29	29	28		
MAX:	19.1	19.2	13.3	12.8	23.0	11.5	9.3	25.2	16.5	7.1	4.4	6.0	2.9	2.2	2.7	2.5	3.5	11.3	7.3	11.2	6.2	4.0	7.5	22.0		
AVG:	1.51	1.47	1.40	1.36	2.06	1.19	1.36	2.36	1.77	1.34	1.00	.99	.70	.69	.78	.74	.74	1.08	.89	1.03	.88	.93	1.02	2.03		

MONTHLY OBSERVATIONS: 641 MONTHLY MEAN: 1.20 MONTHLY MAX: 25.2

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.6564979436
LONGITUDE: -90.198646278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 137
PROBE HEIGHT:

SITE ID: 29-510-0085 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: BLAIR STREET: 3247 Blair Street, St. Louis, MO 63107
SITE COMMENTS: There has not been any traffic count done since 2005 for lack of staff, according
MONITOR COMMENTS: NCORE REQUIREMENT

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (600) Instrumental Ultraviolet Fluoresce
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: MAY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.5	.3	.2	.1	.2	.5	.2	5.1	2.8	2.3	1.2	.3	.2	.1	.2	.6	.2	.2	.2	.3	.6	.5	.5	24	5.1
2	1.2	5.8	1.0	2.6	BF	BF	2.3	2.4	.7	2.8	4.9	2.1	.9	.7	1.0	1.9	2.1	1.6	1.1	1.0	.9	.7	.9	1.9	22	5.8
3	8.4	8.3	1.6	1.8	1.7	1.4	21.4	8.4	1.4	2.7	4.4	.9	.7	.9	1.6	1.8	1.5	2.0	1.0	.9	2.5	1.7	1.1	5.6	24	21.4
4	5.1	9.8	17.0	10.5	BF	BF	6.7	7.5	5.2	2.5	2.3	1.1	1.3	.7	1.0	1.5	.7	2.5	2.1	2.0	.9	24.2	8.5	.5	22	24.2
5	.2	1.1	1.7	1.7	2.2	3.8	3.0	1.9	1.2	.4	.4	1.7	.7	.8	.3	.5	.3	1.7	2.6	.6	.5	.6	1.0	3.0	24	3.8
6	3.8	.6	.7	1.3	BF	BF	1.3	2.5	2.6	1.9	1.9	1.2	.8	.7	.8	1.4	.8	.8	1.2	2.0	2.1	1.4	2.0	2.4	22	3.8
7	1.8	2.2	1.4	1.2	1.5	2.0	1.7	1.1	1.9	4.5	2.4	1.6	1.4	1.0	1.5	1.9	2.9	1.5	4.7	2.7	2.6	1.4	1.4	4.8	24	4.8
8	1.8	7.0	3.1	2.5	BF	BF	2.2	1.8	1.7	2.1	1.1	1.2	1.3	1.3	1.2	1.4	1.7	1.8	1.1	1.1	1.1	1.4	1.2	1.0	22	7.0
9	.9	1.0	.8	.9	1.0	1.1	.8	1.0	1.1	1.1	1.0	.7	.8	.8	.9	1.0	1.2	1.2	1.0	1.3	.8	1.1	1.2	1.1	24	1.3
10	1.7	1.6	1.4	1.1	BF	BF	1.4	1.3	3.4	3.7	4.0	4.3	3.0	2.8	2.9	2.8	2.2	1.3	1.8	1.9	1.7	1.6	1.1	1.1	22	4.3
11	1.1	1.4	2.0	1.8	1.3	1.7	1.4	1.5	1.5	2.4	1.8	1.6	1.5	1.5	1.5	1.4	2.5	2.4	1.1	1.2	1.0	.9	.9	1.1	24	2.5
12	.9	.8	.8	.9	BF	BF	.5	.6	.6	.6	.2	BF	BF	.6	.4	.3	.3	.4	.3	.3	.1	.1	.3	.4	20	.9
13	.2	.3	.0	.2	.5	.3	.1	.1	.2	.0	.1	.0	.1	.0	.2	.0	.2	.1	.4	.4	.3	.2	.3	.7	24	.7
14	.8	.7	.5	.5	BF	BF	1.0	.7	.8	.7	.6	.9	.7	1.0	1.0	.9	1.2	1.3	1.5	1.3	1.5	1.5	2.3	3.9	22	3.9
15	19.1	3.5	2.2	2.3	1.9	9.2	9.2	3.4	4.2	5.3	4.3	3.1	2.3	1.4	1.3	1.6	1.6	1.5	1.7	1.2	1.5	1.2	1.2	1.4	24	19.1
16	1.0	1.5	1.4	1.8	BF	BF	1.4	1.3	1.2	1.9	3.6	2.9	1.9	1.6	3.2	2.0	1.7	1.8	1.7	1.5	1.3	1.3	1.3	1.6	22	3.6
17	1.7	1.8	1.9	1.9	2.0	1.7	1.6	3.4	5.6	4.3	2.4	4.5	3.2	3.3	4.5	1.9	4.0	2.8	4.9	4.7	8.0	8.8	3.7	1.9	24	8.8
18	1.6	1.8	3.4	3.3	BF	BF	1.4	1.6	2.0	1.6	1.5	1.3	1.3	1.3	1.5	1.4	1.1	1.1	1.0	1.0	1.1	.8	2.5	1.5	22	3.4
19	.6	.6	.6	2.1	.6	.9	1.6	2.9	3.1	1.4	2.8	2.9	2.1	1.0	.6	.8	.9	1.2	1.3	1.3	1.1	1.1	1.1	2.1	24	3.1
20	4.8	1.5	1.6	1.1	BF	BF	1.4	1.8	1.6	1.5	1.2	1.5	1.6	1.8	1.4	1.0	.9	1.3	1.0	1.0	1.0	.7	.9	1.1	22	4.8
21	1.0	1.0	1.0	.9	.8	.8	.8	1.0	.5	1.0	1.0	.8	.7	.9	.8	.7	.9	1.1	.9	.7	.8	.9	1.1	.9	24	1.1
22	.8	1.0	.9	.6	BF	BF	.8	.8	.8	.8	.7	.7	.9	.8	.9	3.6	4.2	2.4	2.7	2.4	1.5	1.2	1.2	1.5	22	4.2
23	1.0	1.1	.9	.7	.9	.5	.7	.9	3.4	1.2	.6	.7	.6	.7	.8	1.0	1.5	1.5	1.6	1.5	1.3	1.7	1.3	1.6	24	3.4
24	1.6	1.6	1.6	2.0	BF	BF	1.7	1.6	1.5	1.9	1.9	2.4	2.1	1.8	1.7	2.4	2.1	1.8	2.0	2.2	1.7	2.2	2.3	1.9	22	2.4
25	2.2	2.3	2.2	2.4	4.1	5.0	2.4	1.8	1.5	1.7	1.3	2.3	2.4	2.0	2.3	1.8	1.8	2.3	2.1	2.0	1.9	1.8	2.1	1.9	24	5.0
26	2.0	2.0	2.2	2.2	BF	BF	2.4	2.2	2.1	2.3	2.2	1.9	2.0	2.0	2.0	2.0	2.2	2.2	1.8	1.7	6.3	14.1	3.6	2.1	22	14.1
27	2.5	1.9	2.0	1.8	1.5	1.6	1.6	1.6	1.7	1.4	1.6	1.9	2.3	1.8	1.8	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.6	1.3	24	2.5
28	1.4	1.4	1.5	1.6	BF	BF	1.3	1.4	1.3	1.4	1.8	1.8	1.8	1.8	1.7	2.0	2.2	2.0	2.4	1.9	2.1	1.9	1.8	1.7	22	2.4
29	2.0	2.6	2.8	3.0	2.4	2.6	2.8	4.7	3.4	5.3	5.2	BF	BF	BF	.5	2.7	1.1	2.2	5.9	.6	.2	.1	.1	1.1	21	5.9
30	.5	.1	.3	.4	BF	BF	.0	.3	.5	.5	.8	1.0	.7	.1	.3	.1	.2	.3	.2	.0	.1	.0	.0	.0	22	1.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
NO.:	31	31	31	31	16	16	31	31	31	31	31	29	29	30	31	31	31	31	31	31	31	31	31	31		
MAX:	19.1	9.8	17.0	10.5	4.1	9.2	21.4	8.4	5.6	5.3	5.2	4.5	3.2	3.3	4.5	3.6	4.2	2.8	5.9	4.7	8.0	24.2	8.5	5.6		
AVG:	2.31	2.15	1.90	1.78	1.41	2.05	2.43	1.99	1.99	1.99	1.95	1.66	1.36	1.18	1.28	1.40	1.48	1.48	1.70	1.36	1.54	2.47	1.56	1.66		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 1.76 MONTHLY MAX: 24.2

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

(42401) Sulfur dioxide

SITE ID: 29-510-0085 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: BLAIR STREET: 3247 Blair Street, St. Louis, MO 63107
SITE COMMENTS: There has not been any traffic count done since 2005 for lack of staff, according
MONITOR COMMENTS: NCORE REQUIREMENT

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6564979436
LONGITUDE: -90.198646278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 137
PROBE HEIGHT:

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (600) Instrumental Ultraviolet Fluoresce
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JUNE 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.3
2	.0	.0	.0	.0	.0	.0	.2	.0	.1	.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.9
3	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.2	.6	.4	.4	3.1	2.1	1.5	.7	.3	.1	5.1	1.9	2.8	22	5.1
4	.5	.7	.6	7.3	6.6	12.5	6.0	8.2	1.1	4.2	5.6	.6	.8	1.3	.2	.0	.0	.3	.8	.1	.3	.1	.0	.0	24	12.5
5	.2	.0	.1	.2	BF	BF	.0	.0	.0	.0	.0	.0	.1	.2	.1	.4	.2	.0	.0	.0	.2	.0	.0	.0	22	.4
6	.2	.0	.0	.1	.0	.0	1.3	1.8	6.6	4.9	1.7	1.5	1.5	.9	1.6	.6	.3	.0	.1	.1	.3	.3	.1	.4	24	6.6
7	.8	.5	.6	1.4	BF	BF	1.2	1.3	1.0	.4	.9	.4	.8	.5	.5	.7	.9	1.1	1.0	.9	.8	1.7	2.7	.8	22	2.7
8	.6	.6	.7	.8	.7	.5	.8	.6	.7	.7	.7	.4	.5	.8	.7	1.1	.7	.9	1.1	.8	.8	.7	.5	.6	24	1.1
9	.7	.8	.7	.7	BF	BF	.7	.8	.7	.6	.7	1.2	.9	.9	.7	.7	.8	.9	.9	1.1	1.6	.9	.6	.6	22	1.6
10	.7	.6	.7	.9	.8	.9	.8	BF	BF	BF	BF	1.0	.9	.9	3.4	4.9	4.8	2.5	1.8	1.2	4.2	17.0	12.0	1.6	20	17.0
11	1.9	41.7	10.0	3.4	BF	BF	17.5	12.3	6.4	2.6	1.7	4.7	3.1	2.4	2.6	2.1	2.5	2.1	4.5	1.6	2.2	5.3	15.9	6.8	22	41.7
12	2.5	3.4	4.1	6.9	5.8	3.2	2.4	1.8	1.3	1.3	1.1	1.1	1.0	1.8	4.3	3.4	4.7	1.5	5.5	1.8	6.0	2.5	4.6	3.0	24	6.9
13	6.7	1.9	1.3	2.1	BF	BF	10.2	4.1	4.3	3.6	2.6	1.5	1.7	1.9	2.0	2.5	2.8	2.3	3.0	6.1	2.4	.9	1.2	1.2	22	10.2
14	1.9	3.2	2.8	4.6	11.7	3.1	1.3	1.1	1.0	.6	.7	.7	.4	.6	.6	1.0	1.4	.7	.8	.8	1.2	2.0	3.9	3.9	24	11.7
15	6.5	5.9	6.6	2.5	BF	BF	3.0	1.5	1.0	1.0	.8	2.1	1.7	1.1	2.3	2.2	1.4	.9	.9	1.1	.7	.5	.4	.7	22	6.6
16	.6	.7	.8	.3	.3	.3	.6	.4	.3	.3	.5	.3	.6	.7	.8	.5	.5	.7	.9	.5	.5	.7	.7	.6	24	.9
17	.7	1.2	1.1	2.1	BF	BF	1.9	1.2	.8	.9	.6	.6	.5	.9	.7	.6	1.1	1.0	1.0	.7	1.0	.7	.7	1.9	22	2.1
18	1.4	1.9	1.4	1.4	1.2	1.4	5.0	2.8	1.3	1.2	.7	.8	.8	1.0	1.2	1.2	.9	.9	1.3	1.2	1.0	1.0	1.2	.9	24	5.0
19	1.0	1.2	1.7	1.4	BF	BF	1.3	1.4	1.2	1.5	1.3	1.4	1.6	1.8	1.4	1.7	1.4	1.7	1.8	2.0	1.8	1.5	1.7	1.5	22	2.0
20	1.5	1.5	1.6	1.7	1.4	1.5	1.1	1.4	1.4	1.4	1.3	1.2	2.6	4.2	3.7	2.0	3.0	6.0	5.3	9.1	9.1	7.1	2.8	1.7	24	9.1
21	1.5	1.2	1.5	1.0	BF	BF	1.1	1.6	1.4	1.3	1.4	1.3	1.4	1.1	1.5	1.5	1.7	1.2	1.3	1.1	1.2	1.2	1.2	1.1	22	1.7
22	2.8	7.2	5.0	3.5	3.6	3.6	2.9	2.2	1.7	.9	1.1	4.0	BF	BF	BF	1.8	3.8	2.4	2.6	3.0	3.3	1.9	1.4	1.6	21	7.2
23	1.6	1.6	2.1	3.7	BF	BF	1.1	1.4	1.1	2.1	2.8	1.9	1.8	1.2	.8	.8	1.1	.7	1.0	1.0	2.2	1.9	1.6	1.1	22	3.7
24	.7	.8	.8	.4	.9	1.1	.9	1.7	2.1	1.7	1.2	1.3	1.4	1.4	.9	.8	1.4	2.0	1.6	1.4	1.1	1.1	1.5	1.6	24	2.1
25	1.9	1.9	3.0	2.6	BF	BF	1.9	3.6	4.7	6.5	4.2	9.5	5.1	2.2	2.1	2.2	2.2	1.9	1.7	1.8	1.6	.9	1.2	1.8	22	9.5
26	1.6	2.0	2.0	1.9	1.8	1.5	1.4	1.6	1.7	1.7	2.6	2.5	2.5	2.4	2.2	2.1	2.2	1.8	1.8	1.6	1.7	1.4	1.8	1.7	24	2.6
27	1.5	1.7	1.8	1.8	BF	BF	1.5	1.7	1.2	1.6	1.5	1.7	1.5	1.3	1.7	1.5	1.8	1.8	1.5	1.5	1.5	1.7	1.5	1.5	22	1.8
28	1.4	1.5	1.7	1.8	1.5	1.5	1.7	2.1	2.4	1.7	1.7	1.9	2.2	1.8	3.2	3.7	2.9	3.4	3.0	3.8	2.5	2.8	2.5	2.5	24	3.8
29	2.8	2.6	2.9	2.7	BF	BF	2.1	2.3	2.0	2.1	1.8	2.0	1.9	2.2	1.9	2.0	2.3	2.1	2.3	1.8	2.0	2.0	1.9	2.1	22	2.9
30	1.9	2.1	2.0	2.2	1.7	2.2	1.8	1.9	2.1	1.9	1.8	1.9	2.2	2.8	2.6	2.3	2.2	2.3	2.2	2.3	2.0	2.3	1.9	1.8	24	2.8
31																									0	
NO.:	30	30	30	30	15	15	30	29	29	29	29	30	29	29	29	30	30	30	30	30	30	30	30	30		
MAX:	6.7	41.7	10.0	7.3	11.7	12.5	17.5	12.3	6.6	6.5	5.6	9.5	5.1	4.2	4.3	4.9	4.8	6.0	5.5	9.1	9.1	17.0	15.9	6.8		
AVG:	1.54	2.95	1.92	1.98	2.53	2.22	2.39	2.10	1.71	1.64	1.43	1.59	1.39	1.33	1.52	1.58	1.70	1.49	1.68	1.62	1.78	2.17	2.25	1.53		

MONTHLY OBSERVATIONS: 683 MONTHLY MEAN: 1.81 MONTHLY MAX: 41.7

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

(42401) Sulfur dioxide

SITE ID: 29-510-0085 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: BLAIR STREET: 3247 Blair Street, St. Louis, MO 63107
SITE COMMENTS: There has not been any traffic count done since 2005 for lack of staff, according
MONITOR COMMENTS: NCORE REQUIREMENT

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6564979436
LONGITUDE: -90.198646278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 137
PROBE HEIGHT:

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (600) Instrumental Ultraviolet Fluoresce
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JULY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.9	2.3	2.3	2.0	BF	BF	2.1	2.1	1.9	BF	BF	BF	.5	.8	.9	.6	.4	.3	.3	.6	.0	.1	.2	.1	19	2.3
2	.6	.7	.5	.6	.6	.3	.5	.5	.6	.5	.4	.5	.4	.4	.5	.6	.5	.8	.7	.4	.4	.5	.7	.8	24	.8
3	.3	.4	.5	.3	BF	BF	1.2	1.5	1.4	1.0	1.0	.8	1.2	1.5	2.0	2.4	3.1	1.2	1.8	1.0	.3	.4	.4	.1	22	3.1
4	.1	.4	.3	.6	.3	.2	.3	.1	.2	.3	.8	1.0	1.2	.8	.9	.8	.5	.5	.3	.2	.1	.4	.9	.5	24	1.2
5	.1	.0	.0	.1	BF	BF	.2	.3	.4	.6	.9	1.0	.3	.1	.9	.8	.5	.2	.3	.3	.2	.8	.9	.9	22	1.0
6	1.1	1.3	.6	.6	.5	.5	.5	.5	.8	1.5	2.3	2.5	1.4	.3	.6	.8	.7	.7	.6	.8	.5	.7	.7	.5	24	2.5
7	.6	1.1	1.3	1.1	BF	BF	2.1	.7	.5	.5	.3	.5	.8	.4	.0	.2	.4	.4	.2	.5	.3	.1	.0	.1	22	2.1
8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	BF	.3	.2	.6	.4	.6	.5	.6	.3	.3	.4	20	.6
9	.4	.4	.3	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	.3	.0	.1	22	.6
10	.2	.0	.0	.0	.0	.0	.0	.0	.0	.8	.5	.2	.0	.1	.0	.0	.3	.2	.0	.0	.1	.0	.0	.0	24	.8
11	.1	.0	.0	.2	BF	BF	.0	.0	.1	.2	.3	.6	.9	1.1	.1	.6	1.2	1.2	.7	.4	.3	.4	.5	.3	22	1.2
12	.1	.0	.1	.1	.2	.3	.5	.5	.8	1.5	1.6	1.5	1.6	1.7	1.6	2.2	1.8	.8	.8	.7	.9	.9	1.0	.8	24	2.2
13	.7	.9	1.1	.8	BF	BF	1.4	2.4	2.8	2.7	2.2	2.6	2.1	1.8	1.6	.9	1.6	1.6	1.6	1.5	1.7	1.7	1.5	1.7	22	2.8
14	1.9	2.0	1.9	1.6	1.8	1.8	1.5	1.4	1.7	1.4	1.2	1.4	1.4	1.5	1.8	2.0	2.0	1.9	1.8	1.5	1.5	1.1	1.7	1.7	24	2.0
15	1.4	1.6	1.5	.9	BF	BF	.8	1.7	2.2	2.4	1.2	1.3	2.1	2.2	1.1	1.4	1.1	.9	1.0	1.1	1.0	.5	.6	.5	22	2.4
16	.5	.7	.8	.8	.8	1.1	1.1	1.4	1.9	1.9	1.9	1.8	1.4	1.7	2.0	1.8	1.8	1.7	1.6	1.5	1.5	1.3	1.3	1.2	24	2.0
17	1.4	1.2	1.1	1.6	BF	BF	1.7	1.9	2.3	3.3	2.7	3.4	3.0	2.1	1.5	1.0	1.4	1.5	1.3	1.4	1.2	1.3	1.5	1.3	22	3.4
18	1.3	1.4	1.7	1.4	1.4	1.4	1.4	2.8	5.2	5.5	5.3	4.6	2.5	1.9	2.9	2.1	2.4	3.8	2.2	1.7	1.6	1.7	1.3	1.3	24	5.5
19	1.7	1.7	1.8	2.2	BF	BF	1.6	1.7	1.5	1.6	1.3	1.3	1.5	1.6	1.6	1.3	1.4	1.8	2.3	2.0	1.7	1.8	1.8	1.6	22	2.3
20	1.7	1.8	1.6	1.5	1.8	1.6	2.1	3.2	4.1	2.8	2.4	1.9	2.1	2.4	2.3	2.2	2.5	2.4	2.1	2.0	1.7	1.7	1.7	1.8	24	4.1
21	1.9	2.0	1.8	2.0	BF	BF	2.1	2.6	BF	BF	BF	1.6	1.2	1.7	2.0	2.2	2.0	1.9	1.8	1.8	1.5	1.6	1.8	1.8	19	2.6
22	1.5	1.7	1.8	1.7	1.7	1.6	2.0	2.3	2.6	2.9	2.7	2.9	2.2	2.2	2.1	2.5	2.5	2.8	2.4	1.9	1.9	2.1	2.1	1.9	24	2.9
23	1.7	1.8	1.8	1.9	BF	BF	2.3	2.8	4.1	3.4	2.4	2.6	2.1	2.3	2.4	2.3	2.1	2.2	1.7	1.8	1.8	1.5	1.5	1.5	22	4.1
24	1.6	1.4	1.6	1.6	1.6	1.7	1.8	2.0	3.4	3.3	4.3	3.1	2.6	2.2	2.4	2.1	2.4	3.0	2.3	2.6	2.3	1.5	2.1	1.9	24	4.3
25	2.2	2.1	1.9	2.0	BF	BF	2.2	1.9	2.3	2.0	1.7	1.9	2.3	2.2	2.3	2.0	1.9	1.8	1.8	2.0	2.1	1.4	1.5	2.0	22	2.3
26	1.7	1.6	2.1	2.4	2.5	1.9	2.0	1.8	1.8	1.7	2.2	4.0	3.5	4.5	4.3	4.8	3.8	3.1	2.4	2.1	1.7	1.7	2.0	2.2	24	4.8
27	2.0	1.9	1.9	2.2	BF	BF	2.1	2.2	2.1	1.7	1.7	1.6	1.5	1.7	1.9	2.1	1.9	2.1	1.9	2.1	1.8	2.0	2.2	2.4	22	2.4
28	2.5	2.4	2.4	2.7	2.7	2.6	3.2	5.6	5.3	4.0	3.1	2.7	2.2	1.9	2.1	2.1	2.5	2.4	2.4	2.3	3.1	2.8	2.3	2.1	24	5.6
29	2.3	2.1	2.0	1.9	BF	BF	2.2	2.0	2.1	2.3	2.0	2.0	2.1	2.4	2.1	2.3	2.3	2.2	1.7	2.9	3.2	2.6	1.9	1.6	22	3.2
30	1.4	1.5	1.7	1.6	1.3	1.6	1.4	1.8	6.9	17.9	4.5	3.6	1.5	1.5	1.4	1.6	1.7	1.5	1.7	1.6	1.6	1.2	1.4	1.5	24	17.9
31	1.6	1.6	1.6	2.0	BF	BF	1.9	1.8	2.2	2.3	2.3	1.9	2.1	2.0	2.0	2.1	2.3	2.2	2.2	2.2	2.4	2.3	2.2	2.3	22	2.4
NO.:	31	31	31	31	15	15	31	31	30	29	28	29	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	2.5	2.4	2.4	2.7	2.7	2.6	3.2	5.6	6.9	17.9	5.3	4.6	3.5	4.5	4.3	4.8	3.8	3.8	2.4	2.9	3.2	2.8	2.3	2.4		
AVG:	1.18	1.23	1.23	1.24	1.15	1.11	1.36	1.60	2.04	2.41	1.90	1.89	1.59	1.57	1.54	1.55	1.60	1.53	1.37	1.34	1.28	1.18	1.23	1.19		

MONTHLY OBSERVATIONS: 702 MONTHLY MEAN: 1.48 MONTHLY MAX: 17.9

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

(42401) Sulfur dioxide

SITE ID: 29-510-0085 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: BLAIR STREET: 3247 Blair Street, St. Louis, MO 63107
SITE COMMENTS: There has not been any traffic count done since 2005 for lack of staff, according
MONITOR COMMENTS: NCORE REQUIREMENT

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6564979436
LONGITUDE: -90.198646278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 137
PROBE HEIGHT:

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (600) Instrumental Ultraviolet Fluoresce
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: AUGUST 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.9	1.9	1.9	2.1	1.8	1.9	1.9	2.2	2.3	2.0	2.1	2.6	2.9	2.6	2.2	2.9	4.9	6.3	4.7	4.1	3.5	3.1	2.7	2.3	24	6.3
2	3.2	5.4	3.7	3.6	BF	BF	3.4	2.9	2.7	2.4	2.4	3.3	5.0	3.3	2.9	2.7	2.4	2.8	3.0	2.6	2.9	3.0	2.7	2.5	22	5.4
3	2.8	3.3	4.1	5.5	4.2	3.3	2.7	2.7	2.5	2.5	2.5	2.7	2.7	2.5	2.5	2.6	2.3	2.6	2.7	2.6	2.7	2.1	2.4	3.4	24	5.5
4	4.6	4.4	3.9	3.2	BF	BF	2.9	2.5	2.5	2.4	2.8	3.6	3.9	3.7	3.2	4.3	3.4	2.9	2.3	2.2	2.2	2.2	2.1	1.9	22	4.6
5	2.1	2.4	2.1	2.2	2.4	2.2	BF	BF	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	6	2.4
6	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
7	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
8	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
9	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
10	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
11	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
12	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	BC	1.8	.9	.2	1.4	1.8	.6	.5	.4	.5	.3	10	1.8
13	.2	.2	.2	.1	.1	.2	.2	.4	.2	.3	.4	.4	.5	.1	.4	.5	1.1	.9	.3	.3	.2	.3	.1	.4	24	1.1
14	.3	.4	1.3	.7	BF	BF	.2	.4	1.2	.9	1.2	1.2	1.6	2.5	3.0	2.6	2.2	1.6	1.1	.6	.5	.7	.2	.5	22	3.0
15	.2	.3	.2	.2	.0	.1	.2	.6	1.7	1.0	.8	.7	.9	.8	.6	.4	.5	.2	.1	.3	.6	.5	.7	.9	24	1.7
16	.4	.3	.4	.2	BF	BF	3.3	7.7	9.8	5.1	2.5	.8	.6	.5	1.2	.7	.7	.7	.8	.5	.5	.8	1.2	3.3	22	9.8
17	3.8	2.5	1.5	2.1	2.2	2.2	2.9	4.5	5.9	4.0	3.1	2.4	1.3	1.7	1.4	1.0	.9	.7	.5	.7	.7	1.2	.9	1.2	24	5.9
18	1.6	1.5	1.4	1.2	BF	BF	1.1	1.7	2.6	3.3	3.1	3.2	2.4	1.7	2.3	1.7	1.3	1.4	1.2	1.0	1.1	1.3	1.4	1.2	22	3.3
19	1.4	.7	.8	.9	.6	.7	.9	.9	.8	.8	.8	BF	2.3	2.6	4.1	2.3	2.6	1.8	1.1	.9	.7	.6	.7	.8	23	4.1
20	.6	.5	.5	.5	BF	BF	1.5	.7	.4	.6	.5	.4	.5	.1	.0	.3	.4	.3	.5	.6	1.3	1.1	.5	.2	22	1.5
21	.4	.2	1.4	2.6	1.1	.2	.5	.4	.3	.0	2.1	.9	1.0	.7	.6	.6	.7	.4	.5	.2	.4	.1	.4	.5	24	2.6
22	.4	.2	.3	.5	BF	BF	1.3	1.5	1.1	.4	.1	.3	.4	.7	.5	.3	.4	.2	.5	.4	.3	.4	.2	.1	22	1.5
23	.2	.3	.3	.4	.7	.1	.4	.4	.8	.7	.5	.1	.2	.2	.4	.4	.6	.3	.1	.2	.1	.1	.0	.3	24	.8
24	.2	.0	.0	.2	BF	BF	.0	.1	.1	.0	.2	.0	.0	.3	.0	.0	.2	.1	.2	.5	.3	.1	.1	.2	22	.5
25	.0	.0	.0	.0	.0	.1	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
26	.0	.0	.0	.0	BF	BF	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.2
27	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	2.3	.1	.2	.0	.5	1.1	1.4	1.9	.6	.2	.3	.1	.1	.1	24	2.3
28	.2	.2	.5	.0	BF	BF	.6	.6	.5	.5	.3	.4	.3	.0	.3	.3	.1	.3	.1	.4	.3	.1	.1	.2	22	.6
29	.2	.4	.6	.8	1.4	.9	.8	1.4	2.1	2.5	2.3	1.8	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	12	2.5
30	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	0	
31	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	AM	1.3	1.0	.8	.3	.3	.5	1.1	.8	.7	.5	.5	11	1.3
NO.:	22	22	22	22	12	12	21	21	21	21	21	20	20	21	22	22	22	22	22	22	22	22	22	22		
MAX:	4.6	5.4	4.1	5.5	4.2	3.3	3.4	7.7	9.8	5.1	3.1	3.6	5.0	3.7	4.1	4.3	4.9	6.3	4.7	4.1	3.5	3.1	2.7	3.4		
AVG:	1.12	1.14	1.14	1.23	1.21	.99	1.19	1.52	1.81	1.41	1.43	1.25	1.34	1.20	1.31	1.20	1.21	1.23	1.03	.91	.90	.86	.80	.95		

MONTHLY OBSERVATIONS: 498 MONTHLY MEAN: 1.18 MONTHLY MAX: 9.8

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

(42401) Sulfur dioxide

SITE ID: 29-510-0085 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: BLAIR STREET: 3247 Blair Street, St. Louis, MO 63107
SITE COMMENTS: There has not been any traffic count done since 2005 for lack of staff, according
MONITOR COMMENTS: NCORE REQUIREMENT

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6564979436
LONGITUDE: -90.198646278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 137
PROBE HEIGHT:

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (600) Instrumental Ultraviolet Fluoresce
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: SEPTEMBER 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.3	.3	.4	.4	BF	BF	.5	.7	.6	.4	.8	1.7	BF	BF	.9	2.5	2.6	2.2	1.8	.9	.6	.6	.8	.8	20	2.6
2	2.7	2.3	1.9	1.5	1.4	.8	.4	.9	.8	1.1	.8	.7	.5	.5	.7	2.1	1.4	.6	1.1	1.7	1.2	1.1	.9	.8	24	2.7
3	2.1	2.1	1.5	1.0	BF	BF	.8	1.0	.9	1.1	.9	.8	.6	.6	.7	.7	1.2	1.5	1.5	1.0	.9	1.4	1.3	1.0	22	2.1
4	.7	1.1	.7	.5	.6	.5	.6	.8	1.0	.7	.7	.5	.6	1.8	2.1	2.1	1.2	1.3	1.4	2.2	2.2	1.3	1.5	1.2	24	2.2
5	2.7	2.7	2.7	1.6	BF	BF	1.8	2.7	3.4	4.2	3.4	2.9	2.6	2.1	2.0	1.7	1.3	.8	.9	.8	.9	1.1	1.1	.9	22	4.2
6	.7	.7	.6	.6	.6	.8	1.3	3.3	7.7	3.3	3.0	1.8	1.2	.9	1.4	2.1	.9	.7	1.2	1.1	1.0	.6	.7	2.0	24	7.7
7	1.7	1.2	1.3	1.0	BF	BF	1.7	1.4	1.2	1.3	3.1	5.3	1.9	1.4	1.1	2.5	2.0	.9	1.0	1.0	1.0	1.0	.9	1.0	22	5.3
8	2.8	1.9	1.6	1.4	.8	.8	1.0	1.5	1.5	2.0	1.7	2.9	1.1	.8	.9	1.0	1.2	1.2	1.0	.8	.9	.9	.7	.6	24	2.9
9	.9	.7	.7	.7	BF	BF	.7	.6	.4	.6	.6	.7	.9	1.0	1.0	1.2	.8	.9	1.0	.8	1.0	.6	.9	.4	22	1.2
10	.9	.8	.5	.6	.4	.8	.7	.8	.9	1.3	1.3	1.5	1.4	1.2	1.4	1.4	1.6	2.0	1.4	1.0	.6	.8	.6	1.0	24	2.0
11	3.2	1.7	1.5	1.3	BF	BF	.9	.8	.8	1.1	.8	.7	.5	.5	.5	.4	.4	.2	.4	.3	.7	.6	.4	.5	22	3.2
12	.3	.1	.2	.2	.2	.1	.1	.2	.5	.2	.4	.3	.2	.2	.3	.3	.6	.6	.6	.2	.1	.2	.1	.0	24	.6
13	.2	.0	.0	.1	BF	BF	.0	.0	.9	.8	.1	.1	.1	.4	2.9	1.9	1.5	.8	.7	1.3	.5	.3	.3	.2	22	2.9
14	.5	.3	.6	.5	.3	.1	.5	.6	.8	.8	.5	1.4	3.2	1.0	1.1	.9	.8	.7	.3	.7	1.3	1.4	1.5	1.2	24	3.2
15	.9	1.7	1.7	1.0	BF	BF	.7	1.1	1.1	2.9	5.2	6.2	BF	.1	.5	.4	.5	.6	.3	.6	.6	.4	.5	.4	21	6.2
16	.3	.4	.2	.3	.3	.2	.2	.3	.8	1.2	3.2	4.0	2.9	1.0	.5	.5	.4	.4	.2	.6	1.1	.6	.6	.8	24	4.0
17	.6	.5	1.0	.9	BF	BF	.5	1.1	1.0	.4	.6	.8	.5	.8	1.2	1.5	2.0	1.5	.9	1.0	1.2	1.7	1.8	1.5	22	2.0
18	1.7	1.5	1.4	1.2	1.3	1.2	1.6	2.3	1.8	1.3	.7	1.1	.9	1.4	1.5	1.4	1.3	1.4	1.7	1.6	1.6	2.7	2.9	1.8	24	2.9
19	1.5	1.4	1.1	.8	BF	BF	.2	.2	.1	.2	.1	.0	.1	.0	.2	.1	.2	.3	.0	.1	.1	.1	.3	.2	22	1.5
20	.2	.5	.7	.5	.2	.6	.6	1.2	.6	.4	.6	.4	.6	.9	2.1	.6	.3	.5	.5	.3	.3	.4	.5	.2	24	2.1
21	.0	.2	.3	.4	BF	BF	.1	.4	2.7	1.4	.8	.7	.8	.9	.8	.6	.3	.7	1.0	.6	.4	.2	.5	.2	22	2.7
22	.2	.5	.2	.3	.2	.2	.5	5.8	5.2	2.4	1.5	2.5	1.8	1.6	.8	.6	1.4	1.6	1.2	1.0	1.1	1.1	.6	.7	24	5.8
23	.6	.3	.2	.2	BF	BF	.1	.2	.5	1.2	1.1	1.6	1.9	1.4	1.8	2.0	1.2	1.0	.7	.6	.3	.3	.4	.4	22	2.0
24	.0	.2	.1	.0	.1	.3	.2	.4	.6	1.5	2.4	2.8	1.2	1.0	1.0	1.0	.7	.6	.8	.7	.5	.5	.5	.4	24	2.8
25	.4	.4	.4	.7	BF	BF	.6	1.7	2.2	3.7	6.9	5.3	1.4	.6	.6	.9	.5	.4	.7	.7	1.1	1.3	1.4	.7	22	6.9
26	.6	.4	.5	.6	.8	.8	.4	1.0	1.0	1.0	.5	.6	.5	.5	.3	.3	.3	.4	.5	.2	.4	.2	.2	.1	24	1.0
27	.4	.2	1.2	1.1	BF	BF	.5	.2	.4	.4	.6	.9	.9	1.5	1.8	1.0	.6	.7	.7	.6	.3	.2	.4	.4	22	1.8
28	.5	.6	.4	.5	.3	.1	.4	.5	1.0	2.7	2.8	2.4	7.1	3.4	3.0	1.7	1.4	1.0	.7	1.0	.9	.9	1.1	1.2	24	7.1
29	1.4	1.3	.9	1.2	BF	BF	1.1	1.2	1.0	.6	.8	1.3	1.5	1.6	1.5	1.1	1.1	.8	.6	.5	.7	.4	.7	.6	22	1.6
30	.6	.6	.3	.8	1.0	1.5	1.7	1.5	1.7	1.3	BF	BF	1.8	1.4	2.0	2.1	2.2	3.8	.6	.3	1.3	.4	.2	.5	22	3.8
31																									0	
NO.:	30	30	30	30	15	15	30	30	30	30	29	29	28	29	30	30	30	30	30	30	30	30	30	30		
MAX:	3.2	2.7	2.7	1.6	1.4	1.5	1.8	5.8	7.7	4.2	6.9	6.2	7.1	3.4	3.0	2.5	2.6	3.8	1.8	2.2	2.2	2.7	2.9	2.0		
AVG:	.99	.89	.83	.73	.57	.59	.68	1.15	1.44	1.38	1.58	1.79	1.38	1.05	1.22	1.22	1.06	1.00	.85	.81	.83	.78	.81	.72		

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: 1.03 MONTHLY MAX: 7.7

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.6564979436
LONGITUDE: -90.198646278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 137
PROBE HEIGHT:

SITE ID: 29-510-0085 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: BLAIR STREET: 3247 Blair Street, St. Louis, MO 63107
SITE COMMENTS: There has not been any traffic count done since 2005 for lack of staff, according
MONITOR COMMENTS: NCORE REQUIREMENT

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (600) Instrumental Ultraviolet Fluoresce
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: OCTOBER 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.7	2.3	1.9	2.2	BF	BF	1.8	1.9	1.9	1.4	2.1	.7	.6	1.0	1.1	.9	.4	.4	1.3	.6	.4	.7	.2	.0	22	2.3
2	.1	.1	.1	.5	.5	.2	.6	.6	.6	2.3	4.5	4.1	2.9	1.7	.7	.7	.3	.2	.5	.1	.4	.2	.3	3.8	24	4.5
3	3.9	.9	1.1	1.3	BF	BF	.1	.2	.1	.2	.1	.3	.6	.4	.7	1.3	.7	.6	.4	.3	.3	.3	.1	.1	22	3.9
4	.1	.0	.2	.1	.0	.3	.6	.2	.3	.3	.5	1.2	2.7	.7	.7	.9	.4	.4	.4	.2	.0	.0	.0	.0	24	2.7
5	.2	.3	.1	.2	BF	BF	.4	1.7	1.3	.3	.4	.2	1.0	1.2	2.2	3.3	.7	.3	.1	.1	.0	.2	.0	.2	22	3.3
6	.1	.2	.4	.4	.3	.1	.7	1.6	1.7	2.9	6.7	2.4	2.0	1.7	.9	.3	.3	.2	.1	.2	.0	.1	.8	.2	24	6.7
7	.0	.3	.7	.6	BF	BF	1.4	.7	.6	1.0	.8	2.3	.7	.7	1.2	.5	.1	.1	.3	.0	.2	.1	.1	.1	22	2.3
8	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.3	1.7	3.5	4.1	4.3	2.2	.8	.3	.5	.6	.5	.1	.2	.4	24	4.3
9	.1	.2	.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	1.4	1.7	1.2	.3	24	1.7
10	.0	.0	.0	.0	.0	.0	.0	.0	.4	.7	.9	.3	.7	.4	.3	.3	.3	.2	.1	.2	.6	1.0	1.4	2.2	24	2.2
11	1.4	.8	.6	.2	.1	.2	.2	.8	1.6	1.6	2.4	3.2	1.6	.6	1.6	2.3	1.6	1.4	1.4	2.2	2.5	2.2	1.8	1.7	24	3.2
12	1.8	1.6	1.5	1.3	1.3	1.2	1.3	1.5	2.5	1.7	1.1	1.0	.9	1.0	.9	.8	.7	.6	.7	.7	.5	.5	.7	.8	24	2.5
13	.7	.7	.8	.6	.3	.3	.6	.6	.5	.6	.5	.1	.0	.3	.4	.4	.0	.1	.3	.1	.2	.0	.0	.1	24	.8
14	.1	.3	.1	.1	.0	.0	.2	.5	.8	1.4	.7	.7	1.1	.5	1.2	.6	.3	.4	.2	.0	.0	.0	.1	.0	24	1.4
15	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	BF	1.5	1.0	1.9	.1	.2	.1	.6	1.0	.0	.0	.0	.0	23	1.9
16	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.5
17	.0	.0	.0	.0	BF	BF	.0	.2	.1	.0	.0	.0	.2	.4	.4	.5	.2	.7	.0	.0	.0	.0	.0	.0	22	.7
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	24	.4
19	.4	1.5	1.1	1.1	BF	BF	1.9	1.8	1.8	1.5	.0	.0	.0	.0	.0	.4	3.4	3.7	1.5	1.0	1.7	3.8	3.4	1.8	22	3.8
20	1.1	1.4	1.0	.8	.7	.5	.0	1.1	1.0	.0	.0	.1	.0	1.4	2.1	3.1	.5	.6	.2	.5	1.3	1.3	.7	.8	24	3.1
21	.8	.7	.2	.3	BF	BF	.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	1.0	.2	.1	.0	.0	.0	22	1.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.7	2.1	3.3	.9	.0	.5	.6	.0	.0	.0	.0	.0	.0	.1	24	3.3
23	.2	.3	.1	.0	BF	BF	.0	.0	.1	.0	.2	.7	.9	.4	.3	.0	.0	.0	.1	.5	.3	.3	.1	.1	22	.9
24	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
25	.0	.0	.0	.0	BF	BF	.0	.0	.6	1.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	1.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
27	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	BF	BF	.2	.2	.1	.1	.1	.2	.2	.2	.3	.5	20	.5
28	.6	.4	.7	.5	.4	.6	.7	.4	.3	.3	.5	.4	.2	.5	.3	.5	.5	1.5	.6	.6	.3	.5	.3	.5	24	1.5
29	.3	.3	.0	.0	BF	BF	.2	.0	.1	.0	BL	BL	BL	.3	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	19	.3
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	24	.2
31	.0	.0	.0	.0	BF	BF	.0	.1	.1	.2	.3	.3	.5	.8	.4	.3	.1	.0	.1	.0	.0	.0	.0	.0	22	.8
NO.:	31	31	31	31	19	19	31	31	31	31	30	29	29	30	31	31	31	31	31	31	31	31	31	31		
MAX:	3.9	2.3	1.9	2.2	1.3	1.2	1.9	1.9	2.5	2.9	6.7	4.1	3.5	4.1	4.3	3.3	3.4	3.7	1.5	2.2	2.5	3.8	3.4	3.8		
AVG:	.41	.40	.36	.34	.19	.19	.37	.47	.54	.61	.79	.75	.87	.67	.70	.65	.40	.39	.35	.30	.36	.43	.38	.45		

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: .48 MONTHLY MAX: 6.7

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.6564979436
LONGITUDE: -90.198646278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 137
PROBE HEIGHT:

SITE ID: 29-510-0085 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: BLAIR STREET: 3247 Blair Street, St. Louis, MO 63107
SITE COMMENTS: There has not been any traffic count done since 2005 for lack of staff, according
MONITOR COMMENTS: NCORE REQUIREMENT

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (600) Instrumental Ultraviolet Fluoresce
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: NOVEMBER 2015

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	1.2	1.1	.4	.2	.0	.0	.0	.0	.0	24	1.2
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.9	1.0	.6	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	24	1.0
3	.0	.0	.1	.1	.1	.4	.0	.0	.0	BA	.1	.2	.3	1.8	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	1.8
4	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	22	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	.9	.4	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	24	.9
6	.0	.1	.1	.1	BF	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.2	1.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	3.2
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.1	2.3	1.6	.8	.9	.7	.2	.0	.0	.0	.0	.0	.0	24	2.3
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	2.4	1.4	1.4	BF	BF	BF	BF	1.7	1.4	1.1	1.3	1.3	1.4	20	2.4
11	1.4	1.5	1.1	1.3	1.4	1.5	1.5	1.5	1.7	2.4	3.2	2.5	2.0	2.2	1.9	2.1	2.0	2.0	2.1	2.2	2.3	2.1	1.8	2.7	24	3.2
12	3.0	2.5	1.5	1.8	BF	BF	1.1	1.0	1.2	1.0	1.0	.8	.8	.9	.6	.7	.7	.5	.5	.5	.4	.0	.3	.4	22	3.0
13	.3	.3	.3	.2	.1	.0	.0	.0	.2	.1	.0	.3	.1	.1	.1	.0	.0	.1	.2	.3	.2	.1	.0	.3	24	.3
14	.2	.2	.2	.1	BF	BF	.0	.1	.9	.3	.1	.1	.1	.0	.0	.0	.0	.2	.1	.0	.0	.6	.0	.1	22	.9
15	.1	.0	.0	.0	.0	.0	.0	.2	.7	.4	.3	.1	.3	.2	.2	.8	2.2	1.4	.7	.7	.6	1.0	1.0	1.9	24	2.2
16	1.9	2.3	3.6	2.2	BF	BF	1.6	1.2	.7	.2	.2	.1	.4	.3	.4	.3	.1	.3	.5	.4	.5	.3	.4	.5	22	3.6
17	.6	.6	.9	.7	.9	1.0	.8	1.1	1.1	1.2	1.2	1.1	1.3	1.5	1.8	1.9	1.9	1.7	1.7	1.5	1.2	1.5	1.6	1.7	24	1.9
18	1.6	1.9	1.8	1.9	BF	BF	1.9	1.6	1.8	1.5	1.5	1.7	1.5	1.7	1.6	1.6	1.4	1.4	1.2	1.1	1.0	1.0	.8	1.1	22	1.9
19	.7	.8	1.2	.8	.7	.4	.4	.2	.4	.4	.3	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	1.2
20	.0	.0	.0	.0	BF	BF	.0	.0	.0	.1	.2	2.8	.3	.9	.7	.2	.6	.8	.7	.8	1.3	.9	.9	1.0	22	2.8
21	.7	.5	.6	.7	.8	.8	.6	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.8
22	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	1.2	1.7	.6	1.2	3.2	2.7	1.6	1.0	.7	1.1	1.0	.4	.5	22	3.2
23	.4	.6	.3	.4	.3	.1	.1	.7	.8	.6	.6	.5	BF	BF	.5	.3	.1	.6	.9	.8	.7	.8	.7	.5	22	.9
24	.3	.5	.5	.4	BF	BF	.5	.5	.4	.4	1.2	2.7	3.7	1.1	2.0	1.2	.5	1.0	.8	.5	.4	.7	.8	1.1	22	3.7
25	.8	.4	.5	.5	.2	.4	4.0	4.2	1.3	1.7	2.4	3.8	2.5	2.7	2.8	1.4	1.3	.9	1.1	1.0	1.3	1.3	1.3	1.1	24	4.2
26	1.1	1.1	1.3	1.3	BF	BF	1.2	1.0	.8	.8	.5	.8	.6	.4	.7	.8	.4	.3	.5	.9	1.0	.9	1.1	1.1	22	1.3
27	.8	.7	.6	.7	.3	.1	.0	.1	.0	.1	.1	.0	.1	.1	.1	.0	.1	.1	.1	.2	.0	.2	.4	.2	24	.8
28	.0	.0	.0	.1	BF	BF	.0	.1	.0	.1	.5	.6	1.0	.3	.1	.1	.1	.4	.3	.2	.1	.4	.3	.0	22	1.0
29	.1	.4	.6	.3	.3	.2	.1	.1	.0	.1	.1	.2	.2	.1	.1	.0	.0	.0	.1	.2	.2	.5	.4	.0	24	.6
30	.1	.4	.3	.4	BF	BF	.4	.6	.7	.5	.4	.5	.9	.7	.7	.8	.9	.9	1.1	.9	.8	1.0	.7	.8	22	1.1
31																									0	
NO.:	30	30	30	30	18	18	30	30	30	29	30	30	29	29	29	29	29	29	30	30	30	30	30	30		
MAX:	3.0	2.5	3.6	2.2	1.4	1.5	4.0	4.2	1.8	2.4	3.2	3.8	3.7	2.7	2.8	3.2	2.7	2.0	2.1	2.2	2.3	2.1	1.8	2.7		
AVG:	.47	.49	.52	.47	.28	.27	.47	.49	.44	.42	.68	1.00	.85	.68	.62	.61	.59	.51	.52	.48	.47	.52	.48	.55		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .54 MONTHLY MAX: 4.2

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 38.6564979436
LONGITUDE: -90.198646278
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 137
PROBE HEIGHT:

SITE ID: 29-510-0085 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: BLAIR STREET: 3247 Blair Street, St. Louis, MO 63107
SITE COMMENTS: There has not been any traffic count done since 2005 for lack of staff, according
MONITOR COMMENTS: NCORE REQUIREMENT

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

SUPPORT AGENCY: (0588) Missouri Laboratory Services Program
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (600) Instrumental Ultraviolet Fluoresce
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: DECEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.0	.9	1.1	.9	.6	.6	.6	.5	.7	.7	.8	.7	1.1	.8	1.1	1.1	.8	.7	1.0	.9	.8	.9	.8	1.0	24	1.1
2	1.1	.8	.8	1.1	BF	BF	.6	.6	.7	.9	.9	.9	.9	.7	.6	.2	.4	.4	.1	.2	.1	.1	.0	.0	22	1.1
3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	24	.1
4	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.0	1.9	1.0	.2	.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	22	1.9
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	24	.2
6	.0	.0	.0	.0	BF	BF	.0	.0	.0	.0	.3	.8	1.2	2.3	3.8	3.7	1.6	1.0	.8	.6	.5	.7	.3	.0	22	3.8
7	.3	.0	.0	.0	.0	.1	.1	.0	.1	.2	.2	.4	.2	.2	.3	.9	.7	.2	.3	.4	.7	.9	.7	.7	24	.9
8	.7	.5	.6	.8	BF	BF	.8	.9	BF	BF	BF	BF	1.1	1.7	3.6	1.4	1.5	1.5	1.5	1.8	1.6	1.4	1.6	1.4	18	3.6
9	1.4	1.4	1.2	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.6	1.4	1.0	1.2	2.3	2.3	3.1	3.8	2.4	2.1	1.5	1.6	24	3.8
10	1.3	1.7	1.8	1.5	BF	BF	1.6	1.6	1.8	1.8	1.9	2.0	1.6	1.6	1.8	1.7	1.7	2.0	2.0	1.6	1.5	1.5	1.2	1.5	22	2.0
11	1.3	1.4	1.1	1.2	1.3	1.7	1.5	1.8	1.4	1.1	1.1	1.1	1.4	1.5	1.8	1.4	1.3	1.2	1.2	1.2	1.5	1.5	1.3	1.1	24	1.8
12	1.2	1.1	.6	.8	BF	BF	.9	.5	.5	.6	.4	.7	.9	1.0	.9	1.1	1.1	.8	.8	.7	.7	.8	.7	1.0	22	1.2
13	1.0	1.1	1.1	.9	1.0	1.2	1.1	1.3	1.4	1.1	1.2	1.3	1.6	1.6	1.5	1.6	1.7	1.8	2.1	2.1	1.9	2.2	2.4	2.0	24	2.4
14	2.2	2.3	2.3	2.4	BF	BF	2.2	2.0	2.1	2.1	1.9	2.1	2.3	2.0	1.8	1.7	1.7	1.8	1.7	1.3	1.1	1.3	1.3	1.1	22	2.4
15	1.1	1.0	.9	1.0	1.3	.8	.6	.6	.9	.9	1.0	.9	1.3	1.3	1.1	1.3	1.1	1.1	1.2	1.2	1.4	1.1	1.3	1.4	24	1.4
16	1.4	1.4	1.3	1.5	BF	BF	1.8	1.8	1.8	1.7	1.8	1.8	1.6	2.3	1.4	3.9	3.2	1.9	1.0	1.1	1.1	.9	1.1	1.1	22	3.9
17	1.0	.7	.8	.8	.6	.6	.5	.5	.3	.5	.4	.3	.6	.6	.3	.4	.3	.4	.3	.3	.3	.2	.5	.3	24	1.0
18	.4	.4	.2	.3	BF	BF	.3	.2	.3	.3	.3	.5	1.6	1.9	.3	.0	.3	.1	.1	.1	.0	.4	1.7	1.4	22	1.9
19	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.9	2.4	2.5	2.1	1.6	.6	.2	.3	.2	.6	24	2.9
20	.6	.7	.4	.8	BF	BF	1.3	2.1	2.1	1.7	.7	.6	.6	.8	2.0	3.9	3.2	1.2	1.8	2.6	3.5	3.3	3.0	3.5	22	3.9
21	1.6	1.1	1.1	.9	1.3	1.2	1.2	1.3	1.4	1.1	1.2	1.4	1.5	1.7	1.4	1.3	1.4	1.1	.9	1.1	.9	.9	1.1	1.0	24	1.7
22	.9	.9	.9	.6	BF	BF	1.0	.8	.9	.9	1.0	1.0	BF	2.2	1.5	1.5	1.7	1.7	1.1	1.8	1.5	1.4	1.5	1.5	21	2.2
23	1.8	1.6	1.8	2.1	2.2	2.2	2.0	2.1	2.1	2.1	2.4	2.6	2.6	3.3	3.3	2.9	2.8	2.8	2.9	3.5	1.9	1.7	1.5	1.4	24	3.5
24	1.0	1.1	1.1	.9	BF	BF	.9	1.2	1.0	.6	.6	.9	1.4	1.1	1.4	1.2	1.4	1.0	.8	1.0	.8	.6	.6	.8	22	1.4
25	.6	.4	.6	.6	.5	.4	.3	.5	.3	.3	.1	.0	.4	.7	.4	.6	.6	.3	.1	.5	.5	.3	.2	.4	24	.7
26	1.0	.7	.8	.7	BF	BF	.5	1.0	.8	.8	.4	.7	.9	.8	1.1	.7	.9	.9	.9	.9	.9	.9	.8	.9	22	1.1
27	.9	.7	.4	.6	.5	.3	.1	.1	.2	.1	.3	.3	.1	.1	.0	.2	.1	.0	.0	.2	.3	.4	.4	.7	24	.9
28	.8	.9	.7	.6	BF	BF	1.0	1.1	1.3	1.6	1.6	2.0	2.3	2.5	2.1	2.4	2.2	1.9	2.1	1.9	1.5	1.5	1.2	1.2	22	2.5
29	1.0	1.4	1.0	1.0	.8	.8	.6	.6	.6	.3	.2	.7	.4	.6	2.5	2.4	3.7	4.0	3.0	3.4	2.8	2.4	2.5	1.7	24	4.0
30	1.8	1.7	1.4	1.0	BF	BF	.9	1.0	.3	.4	.2	.1	.1	.2	.1	.1	.2	.0	.1	.1	.0	.0	.4	.2	22	1.8
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	24	.1
NO.:	31	31	31	31	16	16	31	31	30	30	30	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	2.2	2.3	2.3	2.4	2.2	2.2	2.2	2.1	2.1	2.1	2.4	2.6	2.6	3.3	3.8	3.9	3.7	4.0	3.1	3.8	3.5	3.3	3.0	3.5		
AVG:	.90	.84	.78	.78	.71	.70	.76	.82	.81	.77	.74	.90	1.01	1.17	1.31	1.35	1.32	1.10	1.05	1.13	.98	.96	.96	.95		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .96 MONTHLY MAX: 4.0

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

(42401) Sulfur dioxide

SITE ID: 29-510-0086 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: MARGARETTA: 4520 Margaretta, St. Louis, MO 63115
SITE COMMENTS:
MONITOR COMMENTS: FORMERLY LOCATED AT NEWSTEAD & COTEBRILLIANTE.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6732206703
LONGITUDE: -90.239165600
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 4

SUPPORT AGENCY: (0990) St Louis City Division Of Air Pollution Control
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JANUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.8	1.6	.9	1.4	2.6	3.0	1.7	.8	1.7	4.1	4.9	4.2	4.8	3.4	9.0	7.1	12.7	2.5	1.2	1.0	1.1	2.3	3.5	3.7	24	12.7
2	2.3	1.6	1.4	2.3	1.5	1.2	.9	1.0	1.1	1.2	2.0	3.2	1.9	5.8	6.3	3.0	1.3	1.1	.9	.7	.7	.7	.5	.5	24	6.3
3	.5	.5	.5	.5	.5	.5	.4	.5	.5	.5	.5	.4	.6	.8	.8	.8	1.3	1.0	.9	.8	.9	.8	.7	.6	24	1.3
4	.7	.6	.6	.6	.5	.6	.5	.5	.4	.4	.4	.4	.5	.4	.5	.6	.5	.5	.5	.5	.4	.5	.6	.5	24	.7
5	.5	.4	.5	.5	.5	.5	.4	.5	.4	.6	.7	.6	.7	1.4	7.6	3.7	1.3	1.7	2.3	1.4	1.3	4.3	3.5	2.8	24	7.6
6	1.3	1.1	1.0	1.0	1.6	1.8	1.1	1.3	1.3	1.6	1.3	1.2	1.2	1.1	1.1	1.0	1.2	1.1	1.1	1.1	1.2	1.0	1.3	.9	24	1.8
7	.6	.6	.6	.6	.6	.7	.7	.5	.5	.6	.6	.4	.5	.5	.6	.5	.6	.7	.6	.7	.8	.7	.6	.6	24	.8
8	.6	.6	.6	1.2	.6	.6	.6	.8	2.8	7.9	4.4	1.3	.9	1.4	1.4	4.8	3.2	.9	.8	.7	.8	1.4	1.1	1.1	24	7.9
9	.9	.6	.6	.7	.6	.6	.6	.7	.7	.7	.7	.6	.6	.6	.6	.7	1.2	1.2	1.4	1.3	1.5	1.3	1.1	1.5	24	1.5
10	1.1	1.0	.9	.9	.9	.9	1.1	7.3	1.6	2.1	1.9	1.8	3.7	2.4	2.2	2.5	5.4	3.0	2.1	1.9	1.8	2.0	1.8	2.1	24	7.3
11	2.8	2.8	3.2	3.5	3.7	3.1	3.3	4.4	9.3	6.9	4.1	2.6	1.1	.9	.8	.8	.6	1.0	2.3	1.9	1.1	2.3	2.6	1.3	24	9.3
12	1.1	.9	.8	.7	.7	.6	.7	.8	.9	.9	1.1	1.3	1.1	1.2	1.0	.9	1.0	.7	.9	1.0	1.1	1.1	1.3	1.1	24	1.3
13	1.1	1.1	1.1	.9	.8	.8	1.0	1.3	2.7	4.1	BF	1.6	1.6	1.6	2.4	4.9	4.6	4.6	1.5	1.4	1.3	1.4	1.3	1.5	23	4.9
14	1.2	1.2	1.1	.9	1.2	1.3	1.0	1.2	1.3	1.6	1.7	1.6	1.5	2.1	2.1	1.9	1.9	4.8	3.5	4.3	4.3	4.6	4.1	3.0	24	4.8
15	2.6	2.5	2.0	2.0	2.0	1.8	1.7	1.8	2.0	1.9	2.3	3.3	13.5	12.9	11.2	13.0	14.4	14.9	4.3	1.9	1.6	1.5	1.5	1.4	24	14.9
16	1.4	1.3	1.3	1.1	1.3	1.5	1.7	1.5	1.6	1.9	3.5	3.3	2.9	5.6	4.5	4.0	4.0	4.6	3.3	3.7	9.8	3.5	2.6	1.9	24	9.8
17	1.7	1.7	1.9	2.2	1.6	2.0	1.3	1.4	1.5	2.0	2.1	3.2	2.6	2.5	3.1	2.2	1.5	1.5	1.4	1.3	1.3	1.2	1.5	1.2	24	3.2
18	1.0	.9	.9	.9	.9	.9	1.0	1.2	1.3	1.4	1.3	1.1	1.1	1.0	1.0	1.3	1.3	1.4	1.5	2.0	1.8	1.8	1.8	1.6	24	2.0
19	1.4	1.2	1.2	1.2	1.1	1.2	1.8	1.6	1.4	2.3	3.1	2.4	2.4	3.1	4.2	2.2	2.2	2.2	2.3	2.1	2.1	2.1	2.3	2.2	24	4.2
20	2.0	2.1	1.7	1.3	1.3	1.7	1.8	1.7	1.8	1.9	2.0	2.1	2.2	1.8	1.8	1.5	1.5	1.4	1.3	1.4	1.4	1.3	1.2	1.1	24	2.2
21	1.1	1.0	.9	.9	1.0	1.0	1.1	1.0	1.2	1.5	1.7	1.6	1.4	1.6	1.4	1.4	1.2	1.1	1.3	1.3	1.2	.9	.9	1.0	24	1.7
22	1.0	.8	1.0	.9	1.0	1.1	.9	.9	.9	1.0	1.0	1.1	1.2	1.6	1.7	2.2	1.9	1.3	1.8	1.8	2.1	2.3	1.7	1.3	24	2.3
23	1.7	2.3	3.7	4.8	2.7	2.2	2.0	2.5	3.8	3.5	2.7	2.4	2.4	2.0	1.3	1.2	1.2	1.0	1.0	1.2	1.3	1.4	1.2	1.2	24	4.8
24	1.2	1.0	1.3	2.4	2.2	1.5	1.2	1.1	1.3	1.5	1.6	1.6	1.6	1.8	12.4	9.3	9.7	6.9	2.3	1.5	1.5	1.4	1.2	1.1	24	12.4
25	1.1	1.2	2.0	1.6	1.2	1.1	1.0	.9	1.0	.9	1.0	.9	.9	.9	.8	.8	.8	.7	.7	.7	.6	.7	.7	.6	24	2.0
26	.5	.6	.6	.6	.6	.6	.7	.6	.7	.7	.8	.7	2.7	2.7	1.5	1.9	3.3	1.8	1.6	1.3	6.5	1.8	1.3	1.2	24	6.5
27	1.2	1.1	1.1	1.0	.8	1.0	.8	.9	.9	1.1	1.1	1.1	1.0	1.3	1.1	1.1	1.2	1.1	.9	.9	.9	.8	.7	.7	24	1.3
28	.8	.7	.7	.8	.9	.8	.9	.9	1.2	2.2	3.5	BF	BF	BF	2.5	2.6	2.5	2.6	2.4	5.8	8.0	2.9	2.1	2.2	21	8.0
29	2.1	1.5	1.5	1.4	1.5	1.2	.9	.8	.8	.7	.6	.7	.7	.7	.8	.7	.7	.7	.6	.6	.7	.6	.5	.5	24	2.1
30	.6	.6	.6	.5	1.0	.8	1.0	1.2	.7	.6	4.0	1.6	1.3	1.4	1.6	1.9	1.9	2.6	2.5	2.2	1.9	1.2	1.2	6.1	24	6.1
31	1.4	2.2	8.4	4.4	3.0	3.3	3.2	1.7	1.6	1.6	1.8	2.1	2.0	6.2	8.4	2.3	5.2	3.1	2.5	1.7	1.4	1.6	1.8	3.6	24	8.4
NO.:	31	31	31	31	31	31	31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	2.8	2.8	8.4	4.8	3.7	3.3	3.3	7.3	9.3	7.9	4.9	4.2	13.5	12.9	12.4	13.0	14.4	14.9	4.3	5.8	9.8	4.6	4.1	6.1		
AVG:	1.24	1.20	1.44	1.41	1.30	1.29	1.19	1.40	1.58	1.93	1.95	1.68	2.02	2.36	3.09	2.67	2.95	2.38	1.67	1.62	2.01	1.66	1.55	1.62		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 1.80 MONTHLY MAX: 14.9

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

(42401) Sulfur dioxide

SITE ID: 29-510-0086 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: MARGARETTA: 4520 Margaretta, St. Louis, MO 63115
SITE COMMENTS:
MONITOR COMMENTS: FORMERLY LOCATED AT NEWSTEAD & COTEBRILLIANTE.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6732206703
LONGITUDE: -90.239165600
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 4

SUPPORT AGENCY: (0990) St Louis City Division Of Air Pollution Control
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: FEBRUARY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	4.5	3.8	2.2	1.3	1.1	1.1	.8	.9	.8	1.0	2.2	1.2	1.2	1.2	1.0	.9	1.0	1.0	.9	.8	.7	.7	.7	.7	24	4.5
2	.7	.8	.7	.8	.7	.8	.7	.6	.8	.9	.8	.9	.8	.8	.8	.6	.6	.6	4.2	2.5	.9	.9	.9	2.5	24	4.2
3	3.8	3.3	2.5	2.2	2.4	2.5	2.5	1.7	1.4	1.6	4.1	2.7	2.0	4.4	2.6	2.2	2.3	2.5	1.9	1.3	1.0	1.4	3.5	3.1	24	4.4
4	1.4	1.2	1.2	1.2	1.4	1.4	1.4	1.4	1.6	1.5	2.6	1.9	1.6	1.4	1.1	.8	.8	.9	1.4	1.3	1.2	1.0	1.1	1.3	24	2.6
5	1.2	1.2	1.1	1.4	2.1	1.8	1.2	1.1	4.2	5.1	4.1	3.4	3.1	6.7	4.3	1.6	1.7	4.1	2.4	9.9	11.7	12.2	1.8	2.2	24	12.2
6	2.3	1.8	1.6	2.6	1.9	1.8	1.6	1.5	1.4	1.5	1.4	2.2	3.0	2.7	5.4	2.4	2.7	2.5	5.2	1.8	1.6	2.0	2.0	2.3	24	5.4
7	2.4	2.6	2.1	1.5	1.3	1.5	1.4	2.1	2.5	2.7	2.9	2.2	1.6	1.9	1.7	2.4	1.8	2.6	2.7	1.9	2.6	3.0	1.7	1.6	24	3.0
8	1.6	1.5	1.4	1.2	1.3	1.2	1.3	1.8	1.7	1.4	1.4	1.9	2.4	5.0	2.2	1.4	1.2	1.2	2.9	3.8	2.6	3.2	1.3	1.0	24	5.0
9	1.0	1.4	1.1	.9	1.3	1.7	1.1	.7	1.0	1.5	3.4	2.4	2.0	2.4	2.2	2.3	2.6	2.8	2.8	1.1	1.0	1.0	1.0	1.3	24	3.4
10	3.7	2.8	1.8	1.4	1.5	1.4	1.5	1.5	1.2	1.1	1.0	1.4	3.5	1.4	1.5	1.7	2.2	1.9	2.4	2.6	1.4	1.2	1.6	2.5	24	3.7
11	11.9	2.7	1.7	1.8	1.7	1.4	1.4	1.3	1.7	1.8	BF	1.3	.9	.8	.8	.8	.8	.7	.7	.8	.7	.8	.7	.7	23	11.9
12	.7	.7	.7	.6	.9	.6	.6	.7	.8	.7	.7	.8	.6	.6	.7	.6	.7	.6	.6	.9	1.7	1.3	.8	.8	24	1.7
13	3.7	2.7	2.0	3.6	4.1	2.1	1.0	1.3	3.1	4.3	7.1	7.6	6.9	6.8	4.1	4.7	4.2	4.2	2.9	2.2	2.1	1.7	1.8	1.3	24	7.6
14	1.4	1.4	1.4	1.6	1.6	1.4	1.4	1.2	1.3	.9	.7	.7	.7	.8	.9	.8	1.3	.9	.8	1.6	1.0	1.0	1.3	1.4	24	1.6
15	1.3	1.5	1.4	1.0	1.0	.9	.8	.8	1.4	3.0	2.5	1.5	.9	.9	1.0	1.2	1.8	2.2	1.3	1.1	.9	1.1	1.8	1.6	24	3.0
16	1.6	2.0	2.2	2.1	1.9	1.4	1.9	1.3	1.5	2.1	2.8	4.0	7.1	2.1	2.7	4.2	4.7	4.8	5.2	2.4	1.6	1.3	1.2	1.1	24	7.1
17	1.1	1.1	1.4	1.6	1.6	1.6	1.5	1.5	1.9	2.4	2.3	2.0	1.5	1.4	1.2	2.0	3.3	4.5	6.5	3.5	1.3	1.1	1.1	1.3	24	6.5
18	.9	.9	.9	1.0	.9	1.0	1.0	1.1	.9	.8	.8	1.1	1.3	1.3	1.2	1.2	1.2	1.2	1.4	1.5	1.5	1.3	1.3	1.3	24	1.5
19	1.4	1.4	1.3	1.3	1.1	1.3	1.4	1.4	1.8	1.9	1.9	1.7	1.6	1.5	1.4	1.5	1.5	1.8	4.2	1.7	1.5	1.5	1.6	1.4	24	4.2
20	1.5	1.6	1.8	1.8	1.8	2.1	2.7	3.0	2.4	3.7	4.5	6.1	5.4	7.6	7.0	7.3	11.1	4.6	4.4	1.9	6.4	2.0	1.3	2.4	24	11.1
21	1.3	1.0	1.0	1.1	.9	1.0	1.0	1.2	1.5	1.4	4.1	4.8	1.9	1.7	2.5	2.2	1.4	1.6	1.3	1.3	1.1	1.1	1.6	1.7	24	4.8
22	1.2	1.5	1.0	1.0	.8	.9	.8	1.0	2.7	2.5	.9	1.2	.9	1.1	1.3	2.1	2.4	3.0	2.8	1.8	1.1	2.7	1.8	1.1	24	3.0
23	1.4	2.0	2.0	2.2	2.2	1.4	1.3	1.3	1.6	2.0	2.3	1.7	1.4	1.3	1.4	2.0	5.1	5.2	2.1	1.9	1.6	1.4	3.4	6.1	24	6.1
24	1.8	2.2	1.5	1.6	1.6	1.6	2.0	2.1	2.1	3.3	2.7	BF	BC	1.9	3.5	1.4	1.1	1.4	1.3	1.3	1.3	1.1	1.0	1.0	22	3.5
25	1.0	1.0	1.1	1.1	1.3	1.3	1.4	2.0	4.2	1.8	1.8	9.0	4.4	3.5	4.4	5.5	2.5	1.9	2.1	1.9	1.4	1.4	1.3	1.3	24	9.0
26	1.3	1.2	1.6	2.0	4.0	1.9	2.1	1.8	1.4	1.4	1.6	2.2	1.7	1.5	1.3	1.3	1.2	1.2	1.1	1.1	1.1	.9	1.0	1.0	24	4.0
27	.9	.8	.8	.9	.9	.9	.9	2.3	1.8	1.6	1.5	1.5	1.4	2.6	3.8	3.3	5.6	5.5	1.9	1.1	1.6	2.9	4.6	4.4	24	5.6
28	3.0	2.5	2.7	1.4	1.4	1.6	1.5	1.5	3.7	6.2	6.3	5.1	4.2	3.5	2.7	2.6	2.0	1.8	1.6	1.3	1.2	1.0	1.1	1.1	24	6.3
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	28	27	27	27	28	28	28	28	28	28	28	28	28	28	28		
MAX:	11.9	3.8	2.7	3.6	4.1	2.5	2.7	3.0	4.2	6.2	7.1	9.0	7.1	7.6	7.0	7.3	11.1	5.5	6.5	9.9	11.7	12.2	4.6	6.1		
AVG:	2.14	1.74	1.51	1.51	1.60	1.41	1.36	1.43	1.87	2.15	2.53	2.69	2.37	2.46	2.31	2.18	2.46	2.40	2.46	2.01	1.92	1.86	1.58	1.77		

MONTHLY OBSERVATIONS: 669 MONTHLY MEAN: 1.99 MONTHLY MAX: 12.2

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

(42401) Sulfur dioxide

SITE ID: 29-510-0086 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: MARGARETTA: 4520 Margaretta, St. Louis, MO 63115
SITE COMMENTS:
MONITOR COMMENTS: FORMERLY LOCATED AT NEWSTEAD & COTEBRILLIANTE.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6732206703
LONGITUDE: -90.239165600
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 4

SUPPORT AGENCY: (0990) St Louis City Division Of Air Pollution Control
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: MARCH 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.0	1.1	1.0	1.1	1.1	1.3	1.4	1.2	1.8	1.5	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.2	1.3	1.3	24	1.8
2	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.4	1.7	3.8	3.0	6.6	1.7	1.4	1.5	1.7	1.7	1.8	1.6	1.5	1.4	1.5	2.4	3.2	24	6.6
3	3.5	3.5	3.6	3.9	4.4	4.6	4.5	2.7	1.8	2.0	2.9	3.2	2.7	1.8	2.0	2.1	1.6	1.5	1.5	1.5	1.3	1.2	1.4	1.6	24	4.6
4	1.0	1.0	1.0	1.0	.9	1.6	1.4	.9	1.0	.8	.9	.8	.9	1.0	1.0	1.0	2.3	3.1	1.0	1.1	1.3	1.3	1.6	1.4	24	3.1
5	1.4	1.4	1.3	1.6	2.7	2.4	7.8	4.0	5.7	2.5	1.6	.9	.9	1.1	1.1	1.2	1.1	1.2	1.3	1.9	1.1	1.1	1.0	.9	24	7.8
6	1.1	1.3	1.4	3.3	3.4	2.5	2.2	2.5	2.4	1.9	2.1	2.5	2.2	1.8	2.3	2.2	1.3	1.7	2.3	9.5	7.6	2.7	2.4	2.6	24	9.5
7	1.4	1.3	1.4	1.3	1.2	1.2	1.1	1.2	1.1	1.9	6.3	8.1	6.2	7.0	1.4	1.2	1.3	1.2	1.3	1.6	2.1	2.0	2.7	2.1	24	8.1
8	1.5	1.5	1.3	1.3	1.3	1.3	1.3	1.6	5.0	8.4	4.2	4.1	4.1	6.0	5.6	2.9	2.5	3.5	9.5	12.0	5.5	2.8	2.0	1.9	24	12.0
9	1.9	1.7	1.6	1.4	1.2	1.1	1.1	1.3	1.4	1.6	2.7	7.7	5.2	6.5	3.6	3.3	3.4	2.6	1.7	1.5	1.3	1.3	2.0	1.8	24	7.7
10	1.7	1.4	1.1	1.0	.9	1.0	1.1	1.1	1.1	1.2	1.4	2.0	2.2	2.7	3.1	3.2	3.3	2.2	1.4	1.6	1.6	1.2	1.1	1.1	24	3.3
11	1.2	1.3	1.3	1.4	1.4	1.5	1.6	1.9	BF	BF	3.1	2.7	4.1	2.2	1.9	1.7	2.1	2.1	2.1	1.5	1.6	1.8	1.4	1.3	22	4.1
12	1.3	1.1	1.1	1.0	1.1	1.2	1.3	1.4	1.3	1.7	2.4	3.7	4.1	3.6	2.5	2.4	2.5	2.1	2.6	2.4	2.8	2.4	2.1	1.4	24	4.1
13	1.4	1.2	1.1	1.2	1.4	1.1	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.0	1.2	1.0	1.1	1.1	1.3	1.4	1.1	24	1.4
14	1.1	1.0	1.0	1.0	1.1	.9	1.0	1.2	1.1	1.1	1.1	1.2	1.5	2.3	2.2	3.4	3.4	4.7	3.2	3.5	2.0	1.8	1.5	1.6	24	4.7
15	1.7	1.4	1.2	1.1	1.4	1.2	1.2	1.4	1.5	1.6	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.4	1.6	1.8	1.8	1.5	1.3	24	1.8
16	1.1	1.3	1.1	1.2	1.2	1.2	1.3	1.8	2.4	2.9	4.2	4.8	1.1	1.0	1.1	1.1	1.1	.9	1.0	1.0	1.0	1.1	1.2	1.1	24	4.8
17	1.1	1.1	1.1	1.2	1.6	2.6	2.2	1.1	1.0	.9	.9	.9	1.1	1.6	2.3	2.5	2.9	1.3	1.0	.9	.9	1.0	.9	.9	24	2.9
18	1.1	2.2	1.7	2.5	1.6	1.7	1.4	1.4	1.5	1.6	4.3	6.3	4.7	4.3	3.7	2.9	2.2	3.3	2.8	1.9	1.3	1.1	1.0	1.2	24	6.3
19	2.9	3.4	2.2	2.1	2.5	2.3	1.9	1.8	2.1	3.0	2.7	2.7	2.6	2.5	2.3	2.3	2.6	2.5	2.2	2.6	2.0	1.6	1.6	1.4	24	3.4
20	1.4	1.4	1.2	1.2	1.2	1.1	1.2	1.2	1.1	1.0	1.1	1.0	1.1	1.2	1.2	7.1	14.4	9.1	3.7	3.7	4.1	2.9	1.6	1.4	24	14.4
21	1.8	2.2	1.8	1.5	1.4	1.3	1.6	1.9	1.7	1.8	1.6	1.5	1.4	1.2	1.1	1.1	1.5	2.2	1.3	1.7	1.5	1.3	1.6	1.4	24	2.2
22	1.1	1.1	1.1	1.1	1.1	1.2	1.5	1.9	1.8	2.1	2.7	3.8	4.2	3.6	2.6	1.6	1.3	1.4	1.6	1.4	1.2	1.1	1.3	1.1	24	4.2
23	1.1	1.0	1.0	1.2	1.4	1.7	1.6	11.2	2.7	2.7	2.9	6.1	3.2	1.4	2.0	2.4	1.6	1.6	2.0	4.8	3.3	2.8	2.2	1.9	24	11.2
24	1.5	1.3	1.2	1.1	.9	.9	1.4	1.0	.9	.8	.9	1.0	1.1	1.1	1.2	1.4	1.6	1.8	2.1	1.6	1.3	1.2	2.0	1.7	24	2.1
25	1.5	1.2	1.0	.9	1.0	1.6	2.1	1.3	1.3	1.4	1.8	BF	1.2	1.2	2.7	2.4	1.8	1.1	1.0	1.1	1.0	1.2	1.4	.9	23	2.7
26	.9	.9	.8	.7	.8	.8	.9	1.0	.9	.9	.9	.8	.9	.8	.8	.8	.9	.8	.9	.8	.9	1.1	1.2	1.2	24	1.2
27	.9	.9	.9	.9	.8	.7	.8	.9	.8	.8	.8	.9	1.1	.8	.7	.7	.7	.7	.8	.9	.8	1.0	1.1	1.4	24	1.4
28	1.4	1.0	.8	.7	.7	1.0	.8	.8	.9	1.1	1.9	1.7	1.7	2.7	2.4	1.6	1.6	1.5	1.3	1.1	1.2	1.1	1.3	1.1	24	2.7
29	1.1	1.7	1.5	4.3	8.7	2.7	14.0	2.6	2.8	2.2	1.5	1.4	1.3	1.6	1.3	1.7	2.9	2.1	1.2	1.2	1.1	1.1	1.1	1.0	24	14.0
30	1.1	1.0	.9	1.0	1.0	1.1	1.3	1.4	1.2	1.0	1.0	.9	.9	1.5	3.3	1.6	1.0	.9	1.1	16.2	4.7	1.8	1.8	1.6	24	16.2
31	1.5	1.6	1.6	1.4	1.5	3.7	2.2	1.6	1.6	1.8	2.7	1.1	.9	1.0	1.3	1.5	1.1	1.0	3.0	2.6	2.1	2.9	3.1	2.8	24	3.7
NO.:	31	31	31	31	31	31	31	31	30	30	31	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	3.5	3.5	3.6	4.3	8.7	4.6	14.0	11.2	5.7	8.4	6.3	8.1	6.2	7.0	5.6	7.1	14.4	9.1	9.5	16.2	7.6	2.9	3.1	3.2		
AVG:	1.42	1.44	1.30	1.47	1.68	1.60	2.11	1.87	1.76	1.91	2.18	2.74	2.20	2.22	2.00	2.02	2.23	2.05	1.95	2.82	2.01	1.60	1.62	1.51		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 1.90 MONTHLY MAX: 16.2

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

(42401) Sulfur dioxide

SITE ID: 29-510-0086 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: MARGARETTA: 4520 Margaretta, St. Louis, MO 63115
SITE COMMENTS:
MONITOR COMMENTS: FORMERLY LOCATED AT NEWSTEAD & COTEBRILLIANTE.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6732206703
LONGITUDE: -90.239165600
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 4

SUPPORT AGENCY: (0990) St Louis City Division Of Air Pollution Control
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: APRIL 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	2.4	2.8	2.2	3.7	4.5	5.2	5.0	3.9	10.6	4.8	7.6	4.7	1.9	1.8	1.6	1.4	1.9	4.8	1.6	1.8	2.5	14.3	24.4	11.8	24	24.4
2	2.3	1.4	1.2	1.1	1.0	1.1	1.1	1.1	1.1	1.3	1.1	1.3	1.6	1.1	1.0	2.5	1.6	1.1	1.0	1.1	1.2	1.1	1.0	1.0	24	2.5
3	1.0	1.0	1.0	1.0	.9	.9	.8	1.1	1.2	1.3	1.1	2.0	1.3	1.1	.9	1.0	.9	.9	.9	.9	1.0	.9	.9	.9	24	2.0
4	.8	.7	.7	.8	.7	.9	1.0	1.2	1.0	1.3	1.6	1.6	1.0	1.0	.9	1.0	1.5	1.3	1.6	4.1	1.7	1.1	1.6	1.4	24	4.1
5	1.2	1.1	1.0	1.0	1.0	1.1	1.1	1.2	1.4	1.5	1.4	1.4	1.6	1.6	1.4	1.3	3.0	1.9	4.1	10.8	3.1	2.8	1.8	1.0	24	10.8
6	1.1	1.0	1.0	1.1	1.3	1.1	.9	1.1	1.7	1.4	2.8	6.6	3.0	2.0	1.5	1.7	1.3	1.3	3.0	2.6	1.2	2.4	2.7	2.3	24	6.6
7	1.5	1.6	1.3	1.2	1.1	1.3	1.3	1.2	1.5	1.4	1.2	1.2	1.2	1.2	2.0	2.6	2.8	2.7	1.9	3.1	2.0	1.5	1.3	1.1	24	3.1
8	1.0	1.1	1.1	1.2	1.2	2.0	2.0	1.6	1.5	BF	BF	1.4	2.8	2.2	1.8	1.6	3.2	4.8	1.7	1.5	1.2	1.0	1.0	.9	22	4.8
9	1.0	2.2	1.7	1.3	1.2	1.1	.9	.9	.9	.9	.9	.9	.9	.9	1.0	.9	.8	.9	.8	.8	.9	.8	.8	.8	24	2.2
10	.8	.8	.7	.7	.7	.8	.8	.8	1.0	.9	.9	.9	.9	.8	.9	.9	1.0	.9	.9	1.0	1.0	1.3	1.8	1.4	24	1.8
11	1.1	.9	.9	1.0	1.4	.9	1.1	1.0	1.4	2.2	1.3	1.0	1.0	1.0	1.1	1.1	1.2	1.2	2.2	2.4	1.4	1.1	1.1	1.6	24	2.4
12	2.0	1.3	1.4	2.2	2.8	3.1	5.4	11.5	5.2	4.3	4.5	6.3	4.8	3.3	3.6	2.0	1.5	1.2	1.2	1.2	5.5	1.6	6.5	16.6	24	16.6
13	16.0	19.2	4.2	2.1	2.1	1.3	1.0	1.0	1.0	1.0	1.0	1.4	.9	.9	.9	.9	.9	.9	.8	.8	.8	.8	1.0	1.8	24	19.2
14	2.2	1.4	2.3	1.5	1.3	1.3	1.5	1.3	1.1	1.2	1.2	1.1	.9	1.6	.9	1.0	1.0	1.1	1.1	1.3	1.1	1.1	1.1	2.5	24	2.5
15	2.1	2.0	2.0	4.2	3.1	3.1	3.3	4.3	2.2	2.6	2.5	2.8	3.0	2.1	1.8	1.5	1.5	1.5	1.8	1.6	1.6	1.4	1.3	1.2	24	4.3
16	1.2	1.3	1.2	1.0	1.1	1.0	1.0	1.2	1.7	1.8	2.0	2.0	1.9	1.7	3.2	5.4	3.3	2.4	1.4	1.5	2.3	1.4	1.3	1.2	24	5.4
17	2.2	2.0	1.6	1.4	1.4	1.7	2.0	2.2	1.8	1.6	1.7	1.7	1.5	1.4	1.3	1.3	1.2	1.4	1.4	1.3	1.3	1.3	1.3	1.3	24	2.2
18	4.8	11.8	8.3	3.9	2.2	1.9	1.8	2.0	2.5	2.0	2.3	2.5	2.0	2.4	2.0	2.1	2.1	2.1	1.9	2.1	2.1	1.8	1.6	1.8	24	11.8
19	1.7	1.5	1.8	1.9	1.8	1.8	1.9	1.8	1.6	1.7	1.5	1.3	1.6	1.5	1.2	1.0	1.0	.9	.9	.8	.9	.9	.7	.9	24	1.9
20	.9	.8	.8	.8	.8	.8	.8	.9	.8	.8	.8	.8	.8	.8	.8	.7	.9	.8	.8	.8	.9	.8	1.0	.9	24	1.0
21	.9	.8	.9	.8	.8	1.1	2.5	2.2	.9	.8	.9	.8	.9	2.2	2.3	1.1	.9	.9	1.0	1.0	1.2	1.0	1.2	1.3	24	2.5
22	2.5	.9	.9	1.1	.9	.8	.8	.9	1.0	.8	.9	.8	.9	BF	.8	.9	.8	.8	.8	1.2	1.4	1.0	1.2	1.1	23	2.5
23	1.1	1.0	1.0	1.4	1.1	1.0	1.4	1.2	1.0	1.7	2.8	.9	1.0	1.0	1.0	1.0	1.0	.9	1.4	2.2	2.4	1.9	1.6	1.4	24	2.8
24	12.5	7.8	2.1	1.7	2.3	2.2	1.8	2.8	2.1	2.5	2.2	1.6	1.6	2.7	3.1	5.4	6.9	3.7	7.8	10.6	12.5	11.2	2.8	1.6	24	12.5
25	1.4	1.9	1.3	1.1	.9	.9	.9	1.6	2.5	2.4	4.1	1.6	1.3	1.1	1.1	1.2	1.1	1.0	1.3	1.1	1.0	.8	1.2	1.0	24	4.1
26	.9	1.1	1.0	1.0	1.0	.9	1.0	1.4	1.7	1.3	1.3	1.9	1.9	1.7	2.3	1.9	1.3	1.0	1.0	.9	1.4	1.5	1.2	1.1	24	2.3
27	1.0	.9	.9	.9	.9	1.3	2.5	1.6	1.7	4.3	1.5	1.8	1.2	1.4	1.7	2.2	1.4	1.1	1.2	1.4	1.2	1.1	1.1	1.1	24	4.3
28	1.1	1.1	1.1	1.1	1.0	1.2	1.7	2.1	1.4	1.3	1.2	1.8	3.8	2.4	2.2	2.5	1.9	2.1	1.5	1.6	1.5	1.5	1.6	1.8	24	3.8
29	1.8	1.7	1.9	2.0	2.0	1.9	2.2	2.4	2.6	2.1	1.8	1.7	1.6	2.1	2.2	2.3	1.5	2.0	1.4	1.4	1.5	1.8	1.6	1.5	24	2.6
30	1.4	1.4	1.5	1.5	1.5	1.4	2.0	3.4	2.9	1.5	1.3	1.3	1.6	1.8	1.5	1.4	1.1	1.5	2.2	1.3	1.2	1.1	1.1	1.2	24	3.4
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	30	30	29	30	30	30	30	30	30	30	30	30	30		
MAX:	16.0	19.2	8.3	4.2	4.5	5.2	5.4	11.5	10.6	4.8	7.6	6.6	4.8	3.3	3.6	5.4	6.9	4.8	7.8	10.8	12.5	14.3	24.4	16.6		
AVG:	2.40	2.48	1.63	1.52	1.47	1.50	1.72	2.03	1.97	1.82	1.91	1.90	1.68	1.61	1.60	1.73	1.68	1.64	1.69	2.14	1.97	2.08	2.29	2.18		

MONTHLY OBSERVATIONS: 717 MONTHLY MEAN: 1.86 MONTHLY MAX: 24.4

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

(42401) Sulfur dioxide

SITE ID: 29-510-0086 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: MARGARETTA: 4520 Margaretta, St. Louis, MO 63115
SITE COMMENTS:
MONITOR COMMENTS: FORMERLY LOCATED AT NEWSTEAD & COTEBRILLIANTE.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6732206703
LONGITUDE: -90.239165600
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 4

SUPPORT AGENCY: (0990) St Louis City Division Of Air Pollution Control
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: MAY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.3	1.2	1.1	1.0	1.0	1.2	3.2	5.2	3.1	1.9	3.0	3.5	1.8	1.9	2.1	2.4	3.3	2.6	2.0	2.0	1.4	1.3	1.5	2.3	24	5.2
2	2.7	2.1	2.5	2.6	2.1	2.0	2.2	1.9	1.8	1.8	1.6	1.6	1.6	1.4	1.4	1.4	1.5	2.0	1.7	1.7	1.5	2.1	9.2	2.7	24	9.2
3	2.2	2.0	1.9	2.2	2.1	2.0	1.9	2.0	1.8	1.7	1.5	1.3	1.1	1.1	1.1	1.1	1.3	4.2	2.3	2.2	2.9	2.3	1.8	1.7	24	4.2
4	1.6	1.7	1.7	1.5	1.4	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	BF	1.1	1.4	1.5	1.2	1.3	8.7	2.8	1.4	3.2	8.0	23	8.7
5	7.5	3.2	1.4	2.2	3.5	2.8	1.7	1.7	1.4	1.3	1.1	1.9	2.2	1.4	1.0	1.0	1.0	1.0	1.2	1.5	1.5	4.5	5.4	3.2	24	7.5
6	2.6	6.2	7.1	3.2	2.9	2.9	2.9	2.7	2.5	2.4	2.3	2.0	2.2	2.3	1.9	1.7	2.1	3.9	7.5	1.2	1.4	2.0	5.4	10.3	24	10.3
7	9.9	14.4	15.4	11.8	12.7	10.9	10.8	12.4	3.9	2.6	1.8	1.5	1.5	1.6	1.4	1.7	2.3	2.1	2.4	8.5	11.4	5.8	2.3	2.4	24	15.4
8	1.8	2.9	2.0	3.1	17.9	15.7	4.2	2.5	2.5	3.8	1.5	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.0	1.4	1.6	1.4	1.3	1.1	24	17.9
9	1.1	1.1	1.0	1.0	1.0	1.4	1.3	1.2	1.3	1.5	1.5	1.2	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.0	.9	1.0	24	1.5
10	1.0	1.2	1.5	1.8	1.5	1.8	2.1	3.5	2.6	1.7	1.4	1.2	1.5	1.7	3.4	2.0	1.6	1.1	2.1	1.3	3.4	2.6	2.3	4.5	24	4.5
11	3.0	8.2	2.5	1.5	1.2	1.1	1.4	1.2	1.4	2.3	1.6	1.3	1.7	1.1	.9	2.8	3.5	1.3	.9	.8	.9	.8	.9	.9	24	8.2
12	.9	.9	1.0	1.0	.9	.9	.9	.9	.9	1.0	.9	.9	.9	.9	.9	.9	1.0	.9	.9	1.0	1.1	1.1	1.1	1.2	24	1.2
13	1.2	1.2	1.2	1.3	1.3	1.9	3.4	1.8	1.5	1.5	2.6	3.0	2.5	1.3	1.1	1.1	1.0	1.4	1.5	1.6	1.3	1.3	1.4	1.9	24	3.4
14	1.9	1.8	1.7	1.5	1.6	1.7	2.3	1.8	1.4	1.4	1.4	2.0	1.6	1.6	1.4	2.5	3.1	4.6	6.9	8.3	2.2	2.2	2.3	1.7	24	8.3
15	1.4	3.3	2.3	1.6	1.5	1.8	2.9	2.1	1.5	1.4	2.1	1.9	2.0	1.2	1.0	1.1	2.1	1.4	1.6	2.4	1.5	4.3	8.9	5.0	24	8.9
16	4.8	3.1	2.3	2.0	1.8	4.9	3.5	2.0	1.6	1.4	1.3	1.6	1.7	1.2	1.4	2.2	2.4	2.3	1.4	1.1	1.0	.9	.9	.9	24	4.9
17	1.6	1.5	1.6	3.0	4.8	4.6	1.8	2.3	1.8	5.0	4.9	2.4	3.1	1.4	1.0	.9	1.0	1.0	.9	1.0	1.2	1.1	1.0	1.0	24	5.0
18	1.0	.9	.9	.9	.9	.9	1.0	1.4	1.7	1.7	1.4	1.1	1.0	1.1	1.0	1.0	.9	.9	1.1	1.1	.9	1.0	.9	4.9	24	4.9
19	5.4	4.2	4.5	1.3	1.0	1.0	1.1	1.8	.9	.9	1.3	1.7	1.5	2.6	2.3	3.2	2.9	1.1	.9	.9	1.0	1.0	1.0	1.2	24	5.4
20	1.4	2.3	1.6	1.2	1.1	1.1	1.4	1.7	1.7	1.4	1.0	.9	.9	1.0	.9	.9	.8	.8	.9	.8	.8	.8	.8	1.0	24	2.3
21	.9	.9	.9	.9	.8	.8	1.0	1.1	1.0	BF	.9	.7	.7	.5	.7	.7	.7	.7	.7	.8	.7	.7	.7	.8	23	1.1
22	.7	.8	.6	.7	.7	.8	.8	1.0	.9	1.0	1.1	.9	1.0	1.0	.9	7.0	4.8	3.8	3.5	2.7	1.6	1.4	1.4	1.4	24	7.0
23	1.3	1.4	1.3	1.2	1.1	1.1	2.0	7.0	4.2	2.9	2.6	2.1	1.8	1.7	1.4	1.4	1.9	1.5	1.2	1.2	1.4	1.6	1.7	1.9	24	7.0
24	1.8	1.6	1.5	1.4	1.5	1.4	1.5	2.6	4.9	4.4	3.4	1.9	1.6	1.5	1.4	1.4	1.9	1.6	1.6	4.8	2.0	1.6	1.7	2.5	24	4.9
25	2.1	1.7	1.4	1.5	1.3	1.2	1.0	1.0	1.0	1.0	.9	.8	.8	.9	1.1	1.0	1.1	1.0	1.1	2.0	2.5	2.4	1.5	1.2	24	2.5
26	1.1	1.0	.9	1.0	1.0	.9	1.0	1.0	.9	.9	.9	.9	.8	.8	.7	.8	.7	.7	.7	.8	.8	.7	.8	.8	24	1.1
27	.7	.8	.7	.7	.8	.8	.7	.7	.7	.7	.7	1.1	1.1	.8	.8	.9	.9	.8	.8	.8	.9	.8	.8	.9	24	1.1
28	.9	.9	1.0	1.0	.9	1.1	1.6	1.3	1.2	1.2	1.0	1.1	1.3	1.7	1.4	1.7	1.4	1.3	2.2	2.2	1.9	2.0	3.7	5.0	24	5.0
29	2.8	2.2	3.8	2.4	1.6	1.7	1.5	1.3	1.2	1.1	1.1	.9	.8	.6	.6	.6	.6	.6	.6	.6	.7	.9	1.0	1.2	24	3.8
30	.9	.9	.8	.9	.7	.8	.7	.7	.8	.9	1.2	1.5	1.1	1.0	.8	.8	.7	.7	.7	.6	.7	.6	.6	.6	24	1.5
31	.6	.7	.7	.6	.7	.7	.7	.7	.8	.8	.7	.7	.7	.7	.5	.6	.6	.7	.8	1.1	.9	.7	.7	.7	24	1.1
NO.:	31	31	31	31	31	31	31	31	31	30	31	31	31	30	31	31	31	31	31	31	31	31	31	31		
MAX:	9.9	14.4	15.4	11.8	17.9	15.7	10.8	12.4	4.9	5.0	4.9	3.5	3.1	2.6	3.4	7.0	4.8	4.6	7.5	8.7	11.4	5.8	9.2	10.3		
AVG:	2.20	2.46	2.22	1.87	2.36	2.36	2.05	2.25	1.75	1.76	1.61	1.48	1.43	1.28	1.23	1.56	1.64	1.59	1.72	2.13	1.77	1.69	2.16	2.38		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 1.87 MONTHLY MAX: 17.9

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

(42401) Sulfur dioxide

SITE ID: 29-510-0086 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: MARGARETTA: 4520 Margaretta, St. Louis, MO 63115
SITE COMMENTS:
MONITOR COMMENTS: FORMERLY LOCATED AT NEWSTEAD & COTEBRILLIANTE.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6732206703
LONGITUDE: -90.239165600
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 4

SUPPORT AGENCY: (0990) St Louis City Division Of Air Pollution Control
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JUNE 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.7	.5	.7	.7	.8	.7	.8	.8	.8	.8	1.0	1.3	2.4	1.7	1.0	1.1	.9	1.6	1.8	1.1	1.5	1.2	1.0	.9	24	2.4
2	.7	.8	.9	.9	1.1	1.2	1.4	2.0	1.7	1.4	1.5	1.8	2.2	1.7	1.2	.9	.9	.8	.8	.7	.9	1.0	1.0	.9	24	2.2
3	2.5	3.2	1.4	1.0	.9	2.2	4.4	2.0	1.9	2.5	3.2	3.5	4.0	BF	BF	4.0	4.5	3.3	2.8	1.6	3.1	1.3	1.2	1.2	22	4.5
4	1.5	1.6	1.0	1.0	.9	.8	.9	1.0	1.0	1.0	1.0	1.5	1.6	2.3	1.6	1.5	1.3	1.3	2.4	2.1	1.9	1.8	1.7	1.7	24	2.4
5	1.6	1.5	1.7	14.9	4.7	2.2	1.5	1.5	1.6	1.4	1.2	1.2	1.1	1.1	1.0	.9	.9	.9	.9	1.0	1.0	1.0	.9	1.0	24	14.9
6	1.2	1.3	1.1	1.0	.9	1.0	1.0	1.1	4.0	4.3	2.8	2.3	2.2	1.7	2.3	2.5	1.4	1.0	.9	.9	.8	.8	.9	.9	24	4.3
7	.9	2.6	8.8	2.2	1.9	1.6	1.2	1.1	.9	.9	1.0	.9	.8	.8	.7	.8	.7	.7	.7	.7	.7	.8	.8	.7	24	8.8
8	.6	.6	.6	.6	.6	.5	.6	.7	.7	.8	.8	.7	.8	.8	.8	.9	.9	1.1	1.0	.9	.9	.9	.8	.8	24	1.1
9	.7	.7	.7	.7	.8	.9	.9	1.3	1.1	1.1	1.5	1.5	1.2	1.1	.9	.9	.8	.8	.8	1.0	2.1	1.3	.9	.9	24	2.1
10	.8	.8	.8	.8	.9	.9	1.1	1.1	.8	.8	.8	1.0	.9	.9	.9	.9	2.9	2.7	1.4	1.1	.9	3.3	6.0	7.1	24	7.1
11	7.4	7.2	5.4	4.5	2.3	2.3	10.1	2.5	2.0	1.6	1.3	1.3	1.7	2.0	2.1	2.4	3.0	2.7	2.5	1.5	1.3	1.2	1.4	3.5	24	10.1
12	2.5	1.4	1.2	1.1	1.2	1.1	1.1	1.2	1.1	1.1	1.1	.9	.9	.8	.8	1.3	1.1	.8	2.6	3.3	3.2	1.8	1.7	1.1	24	3.3
13	1.0	.8	.8	.8	.9	1.1	1.1	1.2	1.0	1.1	1.1	1.1	1.1	1.8	3.0	3.1	1.7	1.9	1.4	1.3	1.2	1.5	1.5	1.8	24	3.1
14	1.8	1.8	1.7	1.8	1.7	1.0	1.0	1.1	1.0	1.1	1.0	.9	1.0	1.0	1.0	1.2	1.4	1.2	1.1	1.1	1.2	1.1	1.1	1.1	24	1.8
15	1.1	1.2	1.2	1.2	1.1	1.1	1.3	1.3	1.2	1.2	1.2	1.2	1.6	1.3	1.5	1.9	1.5	1.1	1.2	1.1	1.1	1.1	1.1	1.1	24	1.9
16	1.1	1.5	1.4	1.2	1.2	1.1	1.0	1.1	1.1	1.1	1.0	1.0	1.1	1.4	1.5	1.2	1.9	2.0	1.6	1.4	1.6	2.1	3.0	5.3	24	5.3
17	3.8	1.9	1.2	1.1	1.2	1.3	1.5	1.6	1.6	1.3	1.2	1.2	.9	.9	1.0	.7	1.7	1.7	1.4	1.8	1.8	1.4	1.2	1.0	24	3.8
18	1.2	1.3	1.0	.9	.9	.9	1.1	1.7	1.3	1.1	BF	BF	1.0	.9	.9	.8	.9	.9	.8	.8	.8	.7	.7	.7	22	1.7
19	.7	.7	.7	.7	.7	.7	.7	.8	.8	.8	.8	.8	1.0	.8	.8	.8	1.0	.8	1.2	1.0	.9	.8	.8	.7	24	1.2
20	.7	.7	.8	.7	.7	.7	.6	.7	.8	.8	.8	.6	.8	2.7	2.7	2.0	1.1	1.0	1.2	1.1	1.5	1.5	1.5	1.3	24	2.7
21	1.3	1.2	1.2	1.0	1.0	1.0	.9	1.7	1.4	1.0	1.0	1.0	.9	.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.5	24	1.7
22	4.2	2.2	1.8	1.5	1.5	1.4	1.4	1.1	1.1	1.0	.9	.9	.9	.9	.9	.9	1.0	1.1	1.1	1.0	1.1	1.1	1.2	1.1	24	4.2
23	1.0	1.0	4.7	5.7	2.5	1.5	1.3	1.2	1.0	1.5	3.2	2.2	1.3	.9	.9	.8	.9	.9	.8	.8	1.2	2.3	2.2	1.4	24	5.7
24	1.0	1.0	.9	1.0	1.0	1.1	1.3	1.6	3.3	2.4	1.8	3.1	3.3	2.4	1.4	1.3	2.7	2.4	2.1	2.7	1.5	1.3	1.2	1.1	24	3.3
25	4.9	2.3	2.0	1.8	1.4	1.4	1.5	1.2	1.6	3.1	9.4	4.3	1.9	1.4	1.3	1.1	1.1	1.2	1.0	1.1	1.0	.8	.8	.8	24	9.4
26	3.1	2.1	1.3	1.1	1.0	.8	.7	.8	.8	1.5	1.8	1.5	1.6	1.3	1.1	.9	1.0	1.0	1.0	1.4	1.4	1.5	1.4	1.2	24	3.1
27	1.2	1.0	1.0	1.1	1.4	1.2	1.1	1.3	1.1	1.4	1.3	1.5	1.1	.9	1.0	1.1	.9	.8	.7	.8	.8	.7	.7	.8	24	1.5
28	.8	.8	.7	.7	.8	1.0	1.4	2.2	5.2	1.3	1.6	3.9	2.0	1.4	3.0	1.3	1.1	1.7	1.4	1.5	.8	.8	.8	.7	24	5.2
29	.8	.8	.7	.8	.7	.8	.8	.8	.7	.6	.6	.7	.6	.7	.8	.8	.8	.8	.7	.7	.7	.7	.8	.8	24	.8
30	.8	.7	.8	.8	.9	.9	.9	1.0	1.1	1.1	1.2	1.2	1.2	2.0	1.6	1.4	1.3	1.2	1.3	1.3	1.3	1.2	1.2	1.2	24	2.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	29	30	29	29	30	30	30	30	30	30	30	30	30		
MAX:	7.4	7.2	8.8	14.9	4.7	2.3	10.1	2.5	5.2	4.3	9.4	4.3	4.0	2.7	3.0	4.0	4.5	3.3	2.8	3.3	3.2	3.3	6.0	7.1		
AVG:	1.72	1.51	1.61	1.78	1.25	1.15	1.49	1.29	1.46	1.37	1.62	1.55	1.44	1.33	1.33	1.35	1.41	1.35	1.32	1.26	1.31	1.27	1.35	1.48		

MONTHLY OBSERVATIONS: 716 MONTHLY MEAN: 1.42 MONTHLY MAX: 14.9

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

(42401) Sulfur dioxide

SITE ID: 29-510-0086 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: MARGARETTA: 4520 Margaretta, St. Louis, MO 63115
SITE COMMENTS:
MONITOR COMMENTS: FORMERLY LOCATED AT NEWSTEAD & COTEBRILLIANTE.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6732206703
LONGITUDE: -90.239165600
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 4

SUPPORT AGENCY: (0990) St Louis City Division Of Air Pollution Control
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: JULY 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.1	1.0	BF	.8	.9	.5	.9	1.2	1.1	1.1	1.0	1.0	.9	.9	1.0	.9	.9	23	1.2
2	.9	.9	.9	.9	1.0	.9	1.1	1.0	1.0	1.1	.7	1.2	.5	.4	.9	1.1	1.1	1.9	1.4	1.7	2.0	2.0	1.6	1.2	24	2.0
3	1.0	.9	1.0	1.0	1.1	1.2	1.8	2.9	2.3	1.7	1.8	1.8	1.8	1.7	2.1	3.2	2.0	1.3	1.5	1.2	1.4	1.2	1.0	1.0	24	3.2
4	1.1	1.0	1.0	1.0	1.1	1.0	1.2	1.5	1.7	1.9	3.6	2.4	2.0	1.7	1.7	1.5	1.4	1.6	1.5	2.1	5.2	5.2	5.1	3.7	24	5.2
5	2.3	1.9	1.8	1.6	1.6	1.6	1.9	2.4	2.4	2.0	2.7	3.6	3.7	2.2	2.3	2.7	2.9	1.9	1.7	1.8	1.8	1.8	2.1	2.9	24	3.7
6	2.4	2.5	2.9	2.7	2.4	2.0	1.7	2.5	3.3	4.0	3.4	3.5	2.4	1.2	1.2	1.5	1.0	1.3	1.4	1.9	1.6	1.4	1.3	1.9	24	4.0
7	2.5	1.5	1.1	1.1	.9	2.1	2.7	1.5	1.4	1.3	1.0	.9	1.5	1.9	1.1	1.0	.9	1.0	.9	.9	.9	.9	1.0	.9	24	2.7
8	.9	.9	.9	.9	.8	.8	.8	.9	1.0	.9	.9	.8	1.1	1.0	.9	.8	.9	1.0	.9	.9	.9	.9	.9	.8	24	1.1
9	.8	.7	.8	.7	.7	.8	.8	.8	.8	.8	.7	.8	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.1	1.0	.9	24	1.3
10	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.1	1.3	1.4	1.7	2.1	1.8	1.5	1.3	1.3	1.3	1.4	1.3	1.2	1.1	1.0	.9	1.0	24	2.1
11	.9	.9	1.0	.9	1.0	1.0	1.0	1.2	1.5	2.0	2.2	2.3	2.1	1.4	1.3	1.1	1.0	1.1	1.1	1.3	1.3	1.5	1.4	1.2	24	2.3
12	1.1	1.0	1.0	1.0	1.0	1.0	2.3	2.0	1.5	3.6	2.9	2.1	2.0	3.3	2.2	1.7	1.3	1.2	1.2	1.2	1.1	1.1	1.2	1.5	24	3.6
13	1.6	1.4	1.2	1.2	1.1	1.1	2.3	4.5	4.8	5.7	4.6	4.8	2.7	1.7	1.4	1.3	1.2	1.2	1.0	1.1	1.0	1.1	1.1	1.0	24	5.7
14	1.6	1.8	1.3	1.1	1.2	1.4	1.5	1.3	1.2	1.2	1.0	1.0	1.0	1.0	BF	BF	1.1	1.8	1.5	1.3	1.4	1.3	1.3	1.5	22	1.8
15	1.6	1.5	1.6	1.3	1.2	1.4	2.7	2.6	1.6	1.4	1.5	3.6	5.5	5.5	1.7	1.9	1.4	1.1	1.3	1.3	1.2	1.3	1.2	1.2	24	5.5
16	1.2	1.4	1.4	1.5	2.3	1.9	2.0	2.9	2.7	2.4	2.1	2.4	2.2	2.3	2.4	2.2	2.5	2.0	2.0	1.8	1.7	1.5	1.5	2.0	24	2.9
17	1.8	1.4	1.3	1.2	1.1	1.2	4.5	3.0	3.4	3.8	3.4	3.7	3.0	1.6	1.3	1.4	1.3	1.2	1.2	1.3	1.1	1.2	1.2	1.3	24	4.5
18	1.4	1.3	1.3	1.2	1.2	1.2	1.5	4.1	5.6	5.6	6.1	4.5	1.8	1.6	3.5	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.5	24	6.1
19	1.4	1.3	1.5	1.7	2.1	2.4	1.5	1.2	1.1	1.2	1.1	1.0	1.1	1.0	1.0	1.0	1.1	1.5	1.9	2.2	1.6	1.4	1.3	1.2	24	2.4
20	1.3	1.2	1.1	1.1	1.1	1.4	6.9	6.2	3.4	1.8	1.6	1.5	1.6	1.6	1.5	1.8	1.8	1.3	1.2	1.2	1.2	1.2	1.2	1.2	24	6.9
21	1.1	1.1	1.3	1.2	1.2	1.4	1.3	1.7	2.3	2.3	2.1	2.2	1.7	1.6	2.1	1.7	1.2	1.0	1.1	1.0	1.0	1.0	1.2	1.2	24	2.3
22	1.2	1.2	1.2	1.4	1.5	1.7	2.1	2.0	2.2	2.6	2.6	2.6	1.9	1.8	2.0	2.0	2.0	2.2	1.7	1.5	1.5	1.4	1.4	1.3	24	2.6
23	1.4	1.4	1.4	1.4	1.5	2.4	3.4	2.9	4.1	2.6	1.9	2.1	2.0	1.9	2.3	2.4	1.6	1.9	2.1	1.6	1.6	1.7	1.4	1.4	24	4.1
24	1.3	1.3	1.4	1.3	1.3	1.6	1.7	2.7	4.1	4.7	3.0	2.3	2.2	2.1	1.9	2.0	2.2	2.2	1.8	4.1	2.8	1.9	1.7	1.6	24	4.7
25	1.7	2.0	2.4	2.7	2.4	2.1	2.0	1.9	1.6	1.3	1.4	1.6	2.0	1.9	1.6	1.6	1.7	1.9	1.6	1.6	1.6	1.6	1.4	1.5	24	2.7
26	1.4	1.5	1.7	2.0	1.9	1.4	1.4	1.3	1.4	1.6	1.9	3.1	2.5	5.4	5.1	5.8	2.9	3.1	3.5	2.4	1.6	1.4	2.5	1.8	24	5.8
27	1.9	1.7	1.4	1.9	2.0	1.8	2.3	2.4	1.9	1.6	1.7	1.5	1.6	1.5	1.6	1.7	1.5	1.7	1.8	1.7	1.3	1.2	1.6	1.6	24	2.4
28	1.4	1.4	1.3	1.3	1.2	1.6	3.0	5.6	5.3	4.0	3.4	2.8	2.7	2.7	3.3	2.2	1.9	1.7	1.9	2.9	2.7	2.0	1.9	1.7	24	5.6
29	1.6	1.6	1.5	1.7	1.7	1.5	1.6	1.5	BF	BA	BA	1.4	1.3	.9	.8	.8	.8	.8	.8	.8	1.2	1.3	.7	.8	21	1.7
30	.7	.7	.7	.7	.7	.8	.9	7.7	15.6	.8	.7	1.1	.7	.7	.8	.7	.8	.8	.9	.8	.9	.9	.8	.8	24	15.6
31	.8	.8	.9	.9	.9	.9	1.2	1.4	1.8	1.5	1.4	1.2	1.1	1.0	1.0	1.0	1.1	1.3	1.3	1.4	1.1	1.3	1.3	1.2	24	1.8
NO.:	31	31	31	31	31	31	31	31	30	29	30	31	31	31	30	30	31	31	31	31	31	31	31	31		
MAX:	2.5	2.5	2.9	2.7	2.4	2.4	6.9	7.7	15.6	5.7	6.1	4.8	5.5	5.5	5.1	5.8	2.9	3.1	3.5	4.1	5.2	5.2	5.1	3.7		
AVG:	1.37	1.30	1.30	1.31	1.33	1.41	1.97	2.45	2.78	2.30	2.13	2.15	1.90	1.81	1.75	1.70	1.46	1.47	1.44	1.53	1.52	1.45	1.43	1.41		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: 1.69 MONTHLY MAX: 15.6

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

(42401) Sulfur dioxide

SITE ID: 29-510-0086 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: MARGARETTA: 4520 Margaretta, St. Louis, MO 63115
SITE COMMENTS:
MONITOR COMMENTS: FORMERLY LOCATED AT NEWSTEAD & COTEBRILLIANTE.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6732206703
LONGITUDE: -90.239165600
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 4

SUPPORT AGENCY: (0990) St Louis City Division Of Air Pollution Control
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: AUGUST 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.1	1.0	.8	.8	.8	.8	1.0	2.4	2.0	1.2	1.7	1.5	1.4	1.2	1.1	1.9	4.7	5.6	4.0	3.4	2.5	1.6	1.1	1.1	24	5.6
2	5.9	5.1	2.2	2.5	1.4	1.1	1.3	1.2	1.1	.9	1.1	2.6	3.5	1.0	.8	.7	.8	.8	.9	1.0	.9	.9	.8	.9	24	5.9
3	.9	1.2	1.9	2.1	1.5	1.0	.9	1.0	.8	.9	1.0	.9	.9	.7	.8	.8	.7	.8	.8	.7	.9	.9	.8	.8	24	2.1
4	.8	.7	.9	.8	.9	.8	1.4	1.1	1.2	1.6	1.9	2.2	2.0	1.8	2.6	3.3	1.7	1.1	1.0	1.0	1.0	1.0	.9	.9	24	3.3
5	1.0	1.1	1.7	1.6	1.2	.8	1.1	1.1	1.0	BL	BL	BL	1.7	1.2	.9	.9	1.1	1.0	.9	.8	.6	.6	.6	.6	21	1.7
6	.7	.7	.6	.7	.6	.7	.6	.9	1.3	1.7	2.0	1.6	1.0	.9	.7	.7	2.0	2.5	.9	.8	.8	.7	.7	.7	24	2.5
7	.7	.7	.6	.8	.9	1.0	1.4	1.4	1.6	1.2	1.6	6.3	3.9	1.3	1.0	1.0	1.0	1.0	.9	.8	.8	.8	.8	.8	24	6.3
8	.9	1.2	1.3	1.4	1.1	1.0	1.0	1.0	.9	1.0	.9	.7	.8	.7	.9	1.1	1.1	1.0	1.1	1.0	1.2	1.5	1.3	1.2	24	1.5
9	.9	.8	.8	.7	1.2	1.8	1.1	1.0	1.6	2.0	2.0	1.8	1.8	1.6	2.5	2.7	2.9	2.1	1.4	1.0	.8	.7	.7	.7	24	2.9
10	1.1	1.0	1.0	.9	.8	.7	.7	.7	.8	1.4	1.0	.8	.7	.7	.6	.6	.6	.6	.6	.7	.8	1.0	.7	.7	24	1.4
11	.7	.8	.6	.7	.6	.6	.8	2.0	1.1	.9	1.9	1.9	1.0	1.2	1.2	.8	.8	.6	.7	.7	.7	.8	.8	.7	24	2.0
12	.7	.6	.6	.6	.6	.6	.8	BF	BC	BC	2.7	1.4	1.3	1.8	1.5	.9	.7	.8	1.1	.9	.8	.7	.7	.7	21	2.7
13	.7	.8	.7	.8	.7	.7	1.0	1.2	1.3	1.1	.9	1.1	.9	.8	.8	1.0	.9	1.1	1.4	2.0	.9	.9	.9	.9	24	2.0
14	.8	.9	.8	.8	.9	.9	1.0	1.7	2.5	1.7	1.9	2.3	2.8	2.7	2.8	2.9	2.8	2.4	2.0	1.5	1.4	1.3	1.1	1.1	24	2.9
15	.9	1.0	.8	.9	.9	.9	1.1	1.9	2.8	2.4	2.0	1.8	1.6	1.8	1.4	1.0	.9	.9	.9	1.1	1.2	1.3	1.6	1.3	24	2.8
16	1.3	1.2	1.1	1.0	.9	1.0	4.8	8.8	5.0	4.4	3.2	1.2	1.1	1.0	1.5	1.0	1.0	1.1	1.3	.9	1.0	1.8	2.6	2.5	24	8.8
17	2.3	1.8	2.1	1.8	2.2	2.9	4.4	5.1	5.5	3.2	2.4	2.4	1.7	1.7	1.3	1.2	1.1	1.1	1.3	1.1	1.2	1.3	2.3	3.0	24	5.5
18	3.5	3.7	2.8	2.7	2.5	2.7	4.5	3.6	2.9	1.8	1.5	3.1	2.8	1.4	2.1	1.6	.7	.8	.9	.8	.9	.9	.9	1.1	24	4.5
19	.8	.7	.7	.7	.7	.9	.9	1.0	.9	.8	.7	1.1	2.8	4.4	4.4	2.2	5.4	1.2	1.0	.8	.8	.8	.7	.8	24	5.4
20	.8	.7	.8	.7	.8	.7	1.2	1.1	.9	.8	.7	.8	.8	.7	.7	.8	.8	.7	.8	1.7	2.4	1.6	1.2	1.1	24	2.4
21	1.0	1.2	1.3	.9	.9	.9	1.1	.9	.8	1.1	5.6	1.9	1.8	1.8	1.5	1.5	1.5	1.6	1.6	1.3	1.5	1.4	1.6	1.5	24	5.6
22	1.3	1.1	1.2	1.6	2.0	2.8	2.2	2.1	1.6	1.1	.8	1.1	1.2	1.1	1.0	1.0	.9	.7	.8	.9	.8	.7	.7	.7	24	2.8
23	.7	.6	.7	.7	.7	.7	.7	.9	1.0	.9	.8	.8	.9	.7	.8	.7	.7	.7	.7	.7	.9	.8	.7	.8	24	1.0
24	.7	.7	.7	.8	.8	.8	.8	1.0	.9	.9	.9	.9	.8	.9	.8	.8	.9	1.0	1.0	1.3	.9	.9	1.0	1.1	24	1.3
25	.9	.8	.8	.7	.7	.8	1.0	1.1	1.1	1.0	.8	.8	.9	.9	BF	.8	.8	.8	.8	.9	.8	.9	.9	.8	23	1.1
26	1.0	.9	.8	.8	.8	.8	1.2	2.1	10.2	3.7	4.0	3.5	2.2	1.0	1.0	.9	.8	.9	1.0	1.0	1.0	1.0	1.6	1.4	24	10.2
27	1.4	1.1	1.0	.9	.8	.9	1.1	1.2	1.3	2.5	1.6	1.1	1.1	1.2	1.5	1.5	2.2	2.9	1.8	1.3	1.2	1.1	1.0	1.0	24	2.9
28	.9	.9	.8	.8	.9	.9	1.3	2.1	2.2	1.6	1.8	1.4	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.4	1.5	1.3	1.3	1.4	24	2.2
29	1.4	1.3	1.3	1.5	1.5	1.7	1.7	1.8	2.7	2.7	1.8	1.3	1.3	3.4	2.0	3.0	2.1	2.4	2.3	1.9	1.7	1.4	1.4	1.2	24	3.4
30	2.7	1.6	1.6	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5	2.1	1.7	1.7	2.3	2.7	1.5	1.2	1.1	1.1	1.3	1.4	24	2.7
31	1.5	1.3	1.2	1.5	1.8	1.6	1.8	1.7	1.6	1.8	2.7	3.2	2.8	1.9	1.5	1.1	1.0	.9	1.0	.9	.8	.9	.9	.8	24	3.2
NO.:	31	31	31	31	31	31	31	30	30	29	30	30	31	31	30	31	31	31	31	31	31	31	31	31		
MAX:	5.9	5.1	2.8	2.7	2.5	2.9	4.8	8.8	10.2	4.4	5.6	6.3	3.9	4.4	4.4	3.3	5.4	5.6	4.0	3.4	2.5	1.8	2.6	3.0		
AVG:	1.29	1.20	1.10	1.11	1.08	1.12	1.45	1.81	1.99	1.64	1.77	1.76	1.62	1.44	1.41	1.33	1.48	1.38	1.21	1.15	1.09	1.05	1.08	1.09		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 1.36 MONTHLY MAX: 10.2

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

(42401) Sulfur dioxide

SITE ID: 29-510-0086 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: MARGARETTA: 4520 Margaretta, St. Louis, MO 63115
SITE COMMENTS:
MONITOR COMMENTS: FORMERLY LOCATED AT NEWSTEAD & COTEBRILLIANTE.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6732206703
LONGITUDE: -90.239165600
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 4

SUPPORT AGENCY: (0990) St Louis City Division Of Air Pollution Control
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: SEPTEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	.9	1.2	1.1	1.6	2.0	1.3	2.6	3.6	3.1	2.2	1.3	1.1	1.4	1.6	1.4	24	3.6
2	1.2	1.1	1.0	1.1	1.1	1.0	1.1	1.3	1.3	1.1	1.3	1.2	1.0	1.1	1.1	2.8	3.9	3.5	2.2	1.9	1.5	1.4	1.6	2.8	24	3.9
3	2.2	1.6	1.4	1.1	1.0	1.0	1.2	1.2	1.1	1.1	1.0	.8	.8	.9	.8	.7	.8	.8	.8	.9	1.0	1.0	1.0	1.0	24	2.2
4	1.0	1.0	.9	.9	.8	.9	.9	1.1	1.1	1.1	1.1	.9	.9	1.1	1.5	1.5	2.0	2.3	1.8	2.1	1.8	1.4	1.2	1.1	24	2.3
5	1.1	.9	.9	1.1	1.4	1.2	1.6	2.1	8.5	5.2	5.8	3.8	3.1	2.4	2.4	2.5	1.7	1.6	1.4	1.5	1.4	1.3	1.6	2.1	24	8.5
6	1.8	1.3	1.4	2.7	2.7	2.0	2.2	2.8	4.2	7.8	6.5	4.4	3.1	2.0	1.3	2.6	2.2	1.3	1.4	1.5	1.5	1.3	2.1	2.8	24	7.8
7	1.5	1.2	2.2	3.1	2.9	2.8	3.0	2.2	1.5	1.2	1.4	4.0	6.2	3.3	2.0	1.7	2.4	1.2	1.2	1.2	1.2	1.2	1.6	2.0	24	6.2
8	3.3	3.7	5.2	2.9	3.6	2.0	1.9	3.8	4.7	4.2	3.7	2.6	1.3	1.1	1.0	.9	.9	1.1	1.0	.9	.8	.8	.7	.8	24	5.2
9	.7	.7	.6	.6	.7	.6	.8	.7	.8	.8	1.1	BF	1.5	1.5	1.3	1.6	1.4	1.5	1.1	1.0	1.0	1.0	1.0	1.1	23	1.6
10	1.0	1.0	1.0	1.1	1.1	1.3	1.2	1.6	1.8	1.8	1.6	1.4	1.2	1.4	1.2	1.6	1.6	2.4	4.2	2.6	1.3	1.3	1.1	1.8	24	4.2
11	2.3	1.7	1.8	1.3	1.0	.9	.9	.9	1.7	2.3	1.5	1.2	1.1	1.1	1.0	.9	.9	.8	.9	.9	1.3	1.0	.9	.9	24	2.3
12	1.0	1.0	1.2	1.1	1.0	.9	.9	1.0	1.0	.9	.9	.9	1.0	.9	.9	.8	1.0	1.4	.9	.9	1.0	1.0	.9	.9	24	1.4
13	.9	.9	.9	.9	.9	.8	.8	1.0	1.7	2.1	1.1	.9	.9	2.0	3.7	1.5	1.2	1.8	1.1	2.3	1.2	1.1	1.1	1.0	24	3.7
14	1.5	1.7	1.3	1.3	1.2	1.2	1.5	1.8	1.8	2.7	3.0	1.7	4.5	2.9	2.3	1.8	1.7	1.9	2.0	2.1	2.3	2.7	4.6	3.6	24	4.6
15	2.2	2.2	2.2	1.8	1.7	1.7	2.1	2.7	1.7	1.5	2.4	5.3	4.7	2.0	1.4	1.4	1.3	1.7	1.6	1.6	1.4	1.9	1.8	1.8	24	5.3
16	1.7	1.7	1.5	1.4	1.3	1.2	1.4	1.9	1.6	1.3	2.4	4.2	4.5	2.1	1.5	1.3	1.2	1.2	1.2	1.3	1.3	1.7	1.6	2.0	24	4.5
17	2.1	1.9	2.2	2.4	2.1	1.7	1.8	1.9	1.6	1.6	1.4	1.8	2.1	1.8	1.6	2.7	2.9	3.5	2.0	1.5	2.2	3.0	2.6	2.5	24	3.5
18	2.7	3.4	2.8	2.6	2.5	2.8	3.2	2.6	1.5	1.3	1.3	1.3	1.4	1.3	2.6	2.0	1.7	1.7	1.9	2.6	1.4	1.3	1.2	1.2	24	3.4
19	1.3	1.4	1.0	.9	.9	.9	.9	.9	.9	.9	.8	.8	.9	.8	.9	.9	.8	.9	.9	1.6	1.2	1.1	1.1	1.0	24	1.6
20	1.0	1.0	1.1	1.0	1.1	1.2	1.7	2.5	2.0	2.6	2.0	1.7	1.8	1.8	2.1	3.2	1.5	1.2	1.2	1.2	1.3	1.2	1.1	1.2	24	3.2
21	1.1	1.1	1.0	1.0	1.0	1.1	1.3	2.0	5.3	4.0	4.0	2.2	2.2	2.0	1.5	1.3	1.3	1.4	1.6	1.5	1.4	1.2	1.2	1.2	24	5.3
22	1.1	1.0	1.0	1.1	1.1	1.2	1.4	7.1	9.3	8.5	4.5	5.5	2.9	2.7	1.9	1.6	1.9	2.6	2.3	2.2	2.0	1.9	1.8	1.7	24	9.3
23	1.4	1.3	1.3	1.2	1.4	1.3	1.5	2.0	2.4	2.2	2.7	2.6	2.6	2.3	2.5	2.7	2.2	1.9	1.7	1.5	1.3	1.5	1.5	1.3	24	2.7
24	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.6	2.6	3.5	3.7	6.3	3.1	2.8	2.3	2.0	1.9	1.7	1.6	1.6	1.6	1.5	1.5	1.3	24	6.3
25	1.1	1.1	1.0	1.1	1.0	1.2	1.5	2.8	BF	4.8	10.2	6.2	1.9	1.5	1.5	1.4	1.4	1.4	2.3	2.3	1.9	1.8	1.8	2.1	23	10.2
26	1.6	1.4	1.2	1.3	1.3	1.2	1.4	2.2	3.1	2.1	2.7	2.1	1.8	1.5	1.2	1.2	1.2	1.1	1.2	1.2	2.2	2.1	1.6	1.7	24	3.1
27	1.2	1.3	1.3	1.3	1.5	1.4	1.3	1.3	1.4	1.4	1.6	1.6	1.6	2.3	2.9	2.0	1.6	1.3	1.1	1.2	1.2	1.1	1.1	1.1	24	2.9
28	1.0	1.0	1.1	1.1	1.0	1.0	1.2	1.6	3.1	3.1	2.7	2.0	10.8	3.2	2.9	1.8	1.6	1.5	1.6	1.3	1.4	1.4	1.1	1.3	24	10.8
29	3.7	4.6	3.3	2.3	2.3	2.1	1.6	1.5	1.4	1.3	1.6	1.6	1.7	1.4	1.3	2.2	2.2	1.3	1.4	1.8	1.6	1.7	1.7	1.8	24	4.6
30	2.4	2.6	2.7	2.3	1.7	1.6	1.5	1.6	2.7	4.9	3.9	2.5	2.0	1.2	1.3	1.7	2.7	1.1	1.0	1.2	2.0	2.0	2.1	1.8	24	4.9
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	3.7	4.6	5.2	3.1	3.6	2.8	3.2	7.1	9.3	8.5	10.2	6.3	10.8	3.3	3.7	3.2	3.9	3.5	4.2	2.6	2.3	3.0	4.6	3.6		
AVG:	1.58	1.57	1.56	1.48	1.45	1.35	1.47	1.96	2.51	2.61	2.64	2.50	2.47	1.81	1.71	1.76	1.76	1.67	1.56	1.56	1.46	1.48	1.53	1.61		

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 1.79 MONTHLY MAX: 10.8

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

(42401) Sulfur dioxide

SITE ID: 29-510-0086 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: MARGARETTA: 4520 Margaretta, St. Louis, MO 63115
SITE COMMENTS:
MONITOR COMMENTS: FORMERLY LOCATED AT NEWSTEAD & COTEBRILLIANTE.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6732206703
LONGITUDE: -90.239165600
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 4

SUPPORT AGENCY: (0990) St Louis City Division Of Air Pollution Control
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: OCTOBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.6	2.3	2.0	1.9	1.9	2.0	2.3	3.5	5.1	5.5	4.2	2.7	2.2	2.1	1.8	1.8	1.7	1.9	1.9	1.1	1.9	1.3	1.7	1.5	24	5.5
2	1.7	2.2	2.6	2.6	2.8	3.1	2.9	3.4	4.5	2.7	2.1	2.0	2.2	2.6	2.4	1.6	1.3	4.4	9.1	4.8	2.5	1.9	1.7	1.5	24	9.1
3	1.7	1.8	3.6	2.5	2.0	1.8	1.6	1.5	1.3	1.3	1.4	1.6	1.5	1.8	1.8	1.3	1.5	1.7	1.5	1.2	1.0	1.0	1.0	1.1	24	3.6
4	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.2	1.6	2.0	3.1	2.8	1.8	1.6	1.7	1.5	1.3	1.2	1.1	1.1	1.1	1.1	1.2	1.1	24	3.1
5	1.1	1.0	.9	.9	1.0	.9	1.0	1.0	1.2	1.3	1.4	2.3	2.0	1.5	1.5	3.1	2.8	1.7	1.4	1.3	1.1	1.0	1.0	1.0	24	3.1
6	1.1	1.0	1.0	1.0	1.1	1.0	1.2	1.9	4.4	6.3	4.1	3.0	3.0	1.7	1.4	BF	1.7	2.3	1.4	1.3	1.4	1.3	1.1	1.2	23	6.3
7	1.2	1.1	1.1	1.0	1.1	1.2	1.4	1.6	1.6	2.4	4.0	2.5	2.0	2.9	2.2	1.5	1.3	1.2	1.2	1.2	1.1	1.1	1.2	1.1	24	4.0
8	1.2	1.2	1.1	1.1	1.1	1.0	1.1	1.1	1.2	2.6	2.0	3.2	6.0	6.6	2.9	1.9	1.4	1.5	1.5	1.6	1.5	1.3	1.2	1.1	24	6.6
9	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	.9	.9	.9	.9	.9	1.0	1.1	1.3	1.1	24	1.3
10	1.0	1.0	.9	.9	.9	1.0	1.1	1.3	2.0	2.9	2.5	1.6	1.5	1.4	1.3	1.2	1.1	1.2	1.3	2.0	2.6	3.1	3.7	3.2	24	3.7
11	2.5	2.0	1.5	1.2	1.3	1.1	1.1	1.5	1.5	1.4	2.0	2.9	3.5	1.1	1.5	2.5	2.5	2.3	1.5	1.9	2.1	2.4	2.8	3.0	24	3.5
12	2.0	1.5	1.3	1.2	1.2	1.3	1.3	1.7	3.0	1.6	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.2	24	3.0
13	1.4	1.4	1.2	.9	1.1	1.1	1.2	1.3	1.2	1.1	1.0	1.0	.9	1.0	.9	1.0	1.1	1.1	1.1	1.2	1.1	1.2	1.1	1.0	24	1.4
14	1.0	1.1	.9	1.0	1.0	1.1	1.2	1.6	1.6	1.6	1.8	1.9	2.0	2.0	1.9	1.5	1.1	1.3	1.3	1.5	1.7	1.6	1.7	1.6	24	2.0
15	1.6	1.6	1.5	1.3	1.4	1.4	1.5	1.9	1.7	1.5	3.9	5.8	2.8	3.3	2.5	1.5	1.2	1.2	2.7	1.2	1.2	1.2	2.3	3.0	24	5.8
16	3.4	2.7	1.3	1.4	1.3	1.3	1.4	1.4	1.2	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.4	24	3.4
17	2.2	1.8	1.1	1.2	1.5	1.5	2.3	1.6	1.1	1.0	1.0	1.1	1.4	1.6	1.8	2.8	3.1	3.0	2.1	1.7	1.7	1.6	1.6	1.6	24	3.1
18	1.6	1.7	1.6	1.4	1.5	1.4	1.4	1.5	1.9	1.7	1.6	1.5	1.4	3.2	2.9	2.6	2.0	1.9	2.0	1.7	1.5	2.1	2.9	3.5	24	3.5
19	3.5	3.6	3.5	3.7	3.3	2.7	3.1	2.9	2.2	1.9	1.6	1.4	1.4	1.5	1.4	1.5	4.5	6.2	3.6	2.9	3.3	2.5	2.3	2.4	24	6.2
20	2.1	1.8	1.8	1.9	1.6	1.5	1.5	1.7	1.7	BF	BF	1.4	1.5	2.1	3.7	4.6	3.7	2.5	1.6	2.0	2.4	2.3	2.5	2.0	22	4.6
21	2.2	2.2	2.3	2.5	2.3	2.5	2.4	2.2	1.7	1.5	1.5	1.6	1.5	1.6	1.6	1.4	1.5	1.5	2.5	1.7	1.6	1.6	1.5	1.6	24	2.5
22	1.5	1.4	1.3	1.3	1.3	1.3	1.3	1.6	1.6	4.3	4.5	4.0	5.0	4.1	1.6	2.0	2.8	2.1	1.5	1.7	2.0	2.0	2.1	2.0	24	5.0
23	1.8	2.0	2.1	2.4	3.0	2.2	1.7	1.6	1.7	1.9	2.5	3.1	3.1	1.9	1.5	1.4	1.3	1.1	1.2	1.6	1.6	1.5	1.2	1.2	24	3.1
24	1.1	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	24	1.2
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.4	1.4	1.4	1.4	1.2	1.4	1.5	1.5	1.1	1.2	1.2	1.3	1.3	1.8	1.5	1.7	24	1.8
26	1.4	1.3	1.2	1.2	1.2	1.2	1.5	2.4	2.7	2.5	2.0	2.0	3.0	1.9	1.5	1.8	1.7	2.2	1.9	3.8	2.9	2.9	1.6	1.5	24	3.8
27	1.3	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	.9	.9	.9	.9	.9	.9	24	1.3
28	.9	.9	.9	1.0	.9	.9	.9	.9	1.0	1.0	.9	1.0	.9	1.0	1.0	1.7	1.0	1.5	1.3	1.3	1.1	1.1	1.1	1.5	24	1.7
29	1.2	1.1	1.0	1.0	.9	1.0	1.2	1.2	1.2	1.1	1.1	1.1	1.2	1.1	1.0	1.0	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.3	24	1.3
30	1.3	1.2	1.2	1.3	1.3	1.4	1.5	1.7	1.5	2.1	1.4	1.3	2.7	1.7	1.5	1.5	1.3	1.6	2.1	1.7	1.4	1.3	1.4	1.3	24	2.7
31	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.3	1.7	1.8	2.3	1.8	1.4	1.2	1.0	1.2	1.1	1.0	1.0	.9	1.0	1.0	24	2.3
NO.:	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	30	31	31	31	31	31	31	31	31		
MAX:	3.5	3.6	3.6	3.7	3.3	3.1	3.1	3.5	5.1	6.3	4.5	5.8	6.0	6.6	3.7	4.6	4.5	6.2	9.1	4.8	3.3	3.1	3.7	3.5		
AVG:	1.58	1.53	1.46	1.42	1.42	1.39	1.46	1.63	1.85	2.01	2.00	1.97	2.03	1.92	1.66	1.68	1.65	1.78	1.78	1.61	1.55	1.53	1.59	1.60		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 1.67 MONTHLY MAX: 9.1

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

(42401) Sulfur dioxide

SITE ID: 29-510-0086 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: MARGARETTA: 4520 Margaretta, St. Louis, MO 63115
SITE COMMENTS:
MONITOR COMMENTS: FORMERLY LOCATED AT NEWSTEAD & COTEBRILLIANTE.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6732206703
LONGITUDE: -90.239165600
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 4

SUPPORT AGENCY: (0990) St Louis City Division Of Air Pollution Control
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: NOVEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.1	1.0	.9	1.0	1.4	2.6	2.3	2.0	2.9	3.3	3.1	3.2	2.8	1.9	1.7	1.8	1.6	24	3.3
2	1.6	1.4	1.3	1.2	1.4	1.5	1.6	1.8	1.9	2.3	2.6	3.7	3.7	2.8	2.3	2.1	1.7	1.5	1.7	1.6	1.4	1.3	1.2	1.2	24	3.7
3	1.3	1.4	1.5	1.6	1.6	1.7	1.7	1.6	1.7	2.2	2.9	3.2	BF	2.7	3.0	2.1	1.7	1.7	1.6	1.5	1.4	1.4	1.2	1.2	23	3.2
4	1.1	1.2	1.1	1.0	1.0	1.0	1.0	1.1	1.2	1.1	1.1	1.3	1.5	1.7	1.6	1.6	1.5	1.4	1.3	1.3	1.4	1.7	1.6	1.5	24	1.7
5	1.3	1.2	1.3	1.4	1.4	1.3	1.2	1.5	1.7	2.1	2.3	2.3	1.9	1.4	1.3	1.2	1.1	1.1	1.2	1.1	1.3	1.3	1.2	1.1	24	2.3
6	1.1	1.1	1.1	1.0	1.1	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.1	1.0	1.0	1.1	1.0	1.1	1.2	1.4	1.5	1.6	1.7	1.3	24	1.7
7	1.2	1.3	1.2	1.1	1.0	.9	1.0	1.3	1.2	1.3	1.7	1.5	1.2	1.1	1.1	1.1	1.1	1.2	1.3	1.5	1.6	1.2	1.1	1.1	24	1.7
8	1.0	1.1	1.3	1.1	1.1	1.2	1.3	1.4	1.3	3.7	5.1	4.0	3.5	3.7	2.6	2.6	1.5	1.9	1.8	1.5	1.6	1.7	1.7	2.1	24	5.1
9	1.8	1.7	1.6	1.5	1.4	1.3	1.4	1.7	1.9	3.8	3.7	2.8	3.4	4.4	4.3	3.9	3.5	3.2	2.5	2.2	1.8	1.7	1.8	1.9	24	4.4
10	1.9	1.7	1.8	1.7	1.7	1.8	2.2	2.4	2.2	3.7	3.9	4.8	4.1	3.6	3.3	4.2	1.9	1.9	1.9	1.8	2.1	2.8	2.1	2.2	24	4.8
11	2.2	2.1	1.8	2.0	1.9	2.0	1.9	2.1	2.8	3.9	3.9	3.1	2.3	2.0	1.8	1.7	1.5	1.3	1.2	1.3	1.4	1.3	1.2	2.6	24	3.9
12	2.1	1.2	1.0	1.1	1.2	1.1	1.1	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.2	1.2	1.1	1.2	1.1	1.2	1.3	1.3	1.5	24	2.1
13	1.4	1.3	1.2	1.2	1.2	1.1	1.1	1.3	1.4	1.4	1.4	1.3	1.3	1.2	1.3	1.4	1.5	1.7	1.7	2.0	1.9	2.0	2.0	2.0	24	2.0
14	1.9	1.9	1.9	1.8	1.6	1.3	1.2	1.5	1.6	1.9	1.9	1.6	1.5	1.3	1.3	1.3	1.3	1.4	1.5	2.0	1.8	1.6	1.5	1.5	24	2.0
15	1.5	1.5	1.4	1.5	1.6	1.6	1.5	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.8	4.8	2.3	2.6	3.4	2.9	2.6	3.4	3.2	24	4.8
16	3.5	4.4	4.3	3.4	3.0	1.7	2.1	2.5	1.6	1.3	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	24	4.4
17	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.0	1.2	BF	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	23	1.3
18	1.0	1.0	1.1	1.1	1.0	1.2	1.1	1.3	1.4	1.3	1.3	1.2	1.1	1.2	1.2	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	24	1.4
19	1.2	1.2	1.5	1.3	1.2	1.1	1.0	1.1	1.2	1.2	1.2	1.4	1.2	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.4	1.5	1.5	24	1.5
20	1.6	1.4	1.3	1.4	1.4	1.5	1.6	1.9	2.1	2.1	1.7	3.7	1.4	2.0	1.8	1.4	1.9	2.0	1.6	1.7	2.5	2.2	1.8	1.9	24	3.7
21	1.5	1.4	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	24	1.5
22	1.0	1.1	1.1	1.1	1.0	1.1	1.1	1.2	1.2	1.4	1.4	2.8	2.9	2.0	1.9	4.8	4.6	3.6	2.9	2.5	2.5	2.0	1.5	1.3	24	4.8
23	1.4	1.4	1.4	1.3	1.3	1.8	2.0	2.1	2.0	1.8	1.8	1.8	1.8	1.6	1.5	1.3	1.4	1.6	2.4	2.2	2.6	2.7	2.6	2.6	24	2.7
24	2.7	2.7	2.4	2.1	2.0	1.9	2.0	2.3	2.7	5.8	7.0	5.2	6.2	2.1	3.0	4.1	1.9	2.1	1.9	2.3	2.4	2.6	2.8	2.9	24	7.0
25	2.6	2.5	2.2	2.0	1.9	2.1	2.4	2.8	2.9	3.8	4.2	2.3	2.1	2.2	2.2	4.5	3.0	2.0	1.9	2.5	2.4	2.4	3.0	2.6	24	4.5
26	2.6	3.0	3.3	3.5	3.0	3.1	3.1	3.0	2.9	2.2	1.8	1.7	1.6	1.5	1.5	1.9	2.1	2.4	2.0	1.8	2.6	2.8	2.9	2.3	24	3.5
27	2.2	2.2	1.8	1.6	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.2	1.2	24	2.2
28	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.3	1.2	1.2	1.5	1.6	24	1.6
29	1.6	1.6	1.5	1.6	2.0	2.3	2.3	2.5	2.7	2.6	2.2	2.4	2.2	2.3	2.2	1.8	1.6	1.5	1.7	1.6	1.4	1.4	1.3	1.4	24	2.7
30	1.4	1.3	1.3	1.2	1.3	1.3	1.3	1.4	1.3	1.2	1.3	1.2	1.3	1.4	1.4	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	24	1.5
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	3.5	4.4	4.3	3.5	3.0	3.1	3.1	3.0	2.9	5.8	7.0	5.2	6.2	4.4	4.3	4.8	4.8	3.6	3.2	3.4	2.9	2.8	3.4	3.2		
AVG:	1.63	1.62	1.57	1.50	1.46	1.45	1.49	1.64	1.67	2.04	2.16	2.17	2.01	1.84	1.77	1.98	1.81	1.68	1.65	1.68	1.70	1.69	1.69	1.70		

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 1.73 MONTHLY MAX: 7.0

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

(42401) Sulfur dioxide

SITE ID: 29-510-0086 POC: 1
COUNTY: (510) St. Louis City
CITY: (65000) St. Louis
SITE ADDRESS: MARGARETTA: 4520 Margaretta, St. Louis, MO 63115
SITE COMMENTS:
MONITOR COMMENTS: FORMERLY LOCATED AT NEWSTEAD & COTEBRILLIANTE.

STATE: (29) Missouri
AQCR: (070) METROPOLITAN ST. LOUIS
URBANIZED AREA: (7040) ST. LOUIS, MO-IL
LAND USE: RESIDENTIAL
LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7446-09-5
LATITUDE: 38.6732206703
LONGITUDE: -90.239165600
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 0
PROBE HEIGHT: 4

SUPPORT AGENCY: (0990) St Louis City Division Of Air Pollution Control
MONITOR TYPE: SLAMS
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (0588) Missouri Laboratory Services Program

REPORT FOR: DECEMBER 2015

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.3	1.3	1.2	1.3	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.5	1.8	1.4	1.4	1.4	1.4	1.4	1.8	1.5	1.4	1.2	1.2	1.2	24	1.8
2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.3	1.4	BF	1.6	1.4	1.3	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.2	23	1.6
3	1.3	1.2	1.2	1.1	1.1	1.2	1.1	1.2	1.1	1.2	1.2	1.2	1.2	1.4	1.6	1.6	1.9	1.7	1.4	1.3	1.3	1.2	1.2	1.2	24	1.9
4	1.2	1.1	1.2	1.2	1.3	1.5	1.7	2.0	1.6	1.6	1.9	9.1	4.5	2.6	2.8	3.1	2.9	1.9	2.0	1.9	1.6	1.5	1.5	1.3	24	9.1
5	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.2	1.4	2.4	2.6	2.6	2.3	2.3	2.5	2.5	2.0	1.8	1.8	1.6	1.5	1.5	1.4	24	2.6
6	1.5	1.7	1.7	1.6	1.5	1.6	1.5	1.5	1.6	2.3	2.6	3.2	3.6	5.4	7.3	7.5	3.2	2.6	2.3	1.9	1.8	1.8	1.9	1.7	24	7.5
7	1.7	1.7	1.6	1.4	1.3	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.5	1.6	2.1	2.5	2.3	1.7	1.7	1.6	1.7	1.6	1.5	1.8	24	2.5
8	1.9	1.9	1.8	1.8	1.6	1.7	1.6	1.7	2.0	2.0	2.0	1.9	1.6	2.1	6.0	2.4	2.2	2.2	2.5	3.2	2.3	2.1	2.1	1.9	24	6.0
9	1.8	1.6	1.6	1.6	1.5	1.4	1.4	1.5	1.7	1.8	1.8	2.1	2.0	1.7	1.7	1.9	2.2	3.6	7.9	5.2	2.5	2.0	1.8	1.7	24	7.9
10	1.7	1.7	1.6	1.5	1.6	1.6	1.6	1.7	1.8	1.8	1.7	1.5	1.4	1.4	1.5	1.6	2.2	2.5	2.2	2.1	2.0	1.7	1.6	1.7	24	2.5
11	1.7	1.7	1.7	1.6	1.8	1.9	2.0	2.1	1.8	1.2	1.3	1.3	1.5	1.7	1.7	1.6	1.5	1.6	1.5	1.5	1.5	1.6	1.6	1.5	24	2.1
12	1.5	1.3	1.4	1.3	1.3	1.3	1.3	1.2	1.4	1.6	1.8	1.8	1.9	1.7	1.6	1.6	2.1	1.9	1.7	1.5	1.5	1.4	1.5	1.5	24	2.1
13	1.6	1.7	1.7	1.6	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.5	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	24	1.7
14	1.2	1.1	1.2	1.3	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.1	1.2	1.2	1.2	1.3	1.3	1.2	1.1	1.2	1.1	1.2	1.1	1.1	24	1.3
15	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.2	1.3	1.3	1.4	1.3	1.6	1.4	1.5	1.4	1.4	1.3	1.3	1.2	1.3	1.5	1.3	24	1.6
16	1.4	1.5	1.3	1.4	1.4	1.5	1.6	1.6	1.6	1.7	1.9	1.3	1.2	2.9	1.4	3.5	BF	1.3	1.1	1.2	1.1	1.1	1.2	1.2	23	3.5
17	1.2	1.1	1.2	1.2	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	24	1.2
18	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.4	1.4	1.3	1.4	2.3	3.5	1.8	1.7	1.5	1.2	1.2	1.2	1.3	3.0	3.9	2.5	24	3.9
19	1.5	1.4	1.4	1.4	1.2	1.3	1.3	1.3	1.3	1.4	1.6	1.6	1.8	3.0	5.0	3.2	4.4	5.5	3.3	1.8	1.8	1.7	2.1	2.5	24	5.5
20	2.4	2.4	2.2	2.3	2.2	2.5	2.4	2.9	3.0	2.6	1.4	1.4	1.5	1.6	1.6	2.1	3.5	2.2	2.8	4.1	4.6	3.7	2.2	2.3	24	4.6
21	1.6	1.4	1.4	1.3	1.4	1.4	1.3	1.3	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.8	1.8	1.4	1.3	1.2	1.1	1.2	1.2	1.2	24	1.8
22	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.3	1.7	2.8	2.2	1.7	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.4	24	2.8
23	1.5	1.4	1.3	1.4	1.4	1.4	1.3	1.4	1.2	1.3	1.4	1.3	1.4	1.6	1.5	1.4	1.4	1.3	2.1	3.2	1.3	1.3	1.2	1.2	24	3.2
24	1.2	1.1	1.2	1.1	1.0	1.2	1.2	1.3	1.4	1.5	1.4	1.6	2.1	1.9	2.0	2.0	1.8	1.7	1.7	1.7	1.6	1.7	1.7	1.8	24	2.1
25	1.7	1.6	1.5	1.4	1.3	1.3	1.3	1.2	1.7	2.1	1.9	2.0	2.2	2.0	2.2	2.2	1.7	1.5	1.4	1.4	1.4	1.9	1.8	1.9	24	2.2
26	2.2	2.1	1.9	1.7	1.5	1.4	1.4	1.3	1.2	1.3	1.4	1.3	1.3	1.4	1.3	1.3	1.4	1.4	1.4	1.3	1.2	1.2	1.2	1.2	24	2.2
27	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.1	1.1	24	1.2
28	1.1	AV	AV	2.5	1.1	1.2	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.3	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	22	2.5
29	1.4	1.6	1.3	1.3	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.3	2.4	4.6	5.8	3.8	4.3	3.6	3.5	3.2	2.6	2.9	24	5.8
30	2.9	2.4	2.1	1.9	1.8	1.9	2.6	1.8	1.7	BF	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.8	1.5	23	2.9
31	1.5	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.3	1.5	1.6	1.6	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.5	2.0	2.2	1.8	1.6	24	2.2
NO.:	31	30	30	31	31	31	31	31	31	30	31	30	31	31	31	31	30	31	31	31	31	31	31	31		
MAX:	2.9	2.4	2.2	2.5	2.2	2.5	2.6	2.9	3.0	2.6	2.6	9.1	4.5	5.4	7.3	7.5	5.8	5.5	7.9	5.2	4.6	3.7	3.9	2.9		
AVG:	1.53	1.49	1.44	1.45	1.36	1.40	1.41	1.42	1.45	1.49	1.54	1.80	1.73	1.90	2.07	2.10	2.02	1.84	1.93	1.84	1.65	1.65	1.61	1.56		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 1.65 MONTHLY MAX: 9.1

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

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
AL	Voided by Operator	NULL
AM	Miscellaneous Void	NULL
AN	Machine Malfunction	NULL
AO	Bad Weather	NULL
AT	Calibration	NULL
AU	Monitoring Waived	NULL
AV	Power Failure	NULL
AY	Q C Control Points (zero/span)	NULL
AZ	Q C Audit	NULL
BA	Maintenance/Routine Repairs	NULL
BC	Multi-point Calibration	NULL
BD	Auto Calibration	NULL
BF	Precision/Zero/Span	NULL
BJ	Operator Error	NULL
BL	QA Audit	NULL
DA	Aberrant Data (Corrupt Files, Aberrant Chromatography, Spikes, Sh	NULL

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

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