UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: JNE

RAW DATA REPORT

Report Request ID: 1903703 Report Code: AMP350 Feb. 10, 2021

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	55	087									

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
CRITERIA	42401		

SELECTED OPTIONS

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

SORT ORDER

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

DATE CRITERIA

Start Date	End Date
2017 01 01	2020 12 30

APPLICABLE STANDARDS

Standard Description
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Feb. 10, 2021

(42401) Sulfur dioxide

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: JANUARY 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	-.6	-.7	-.7	-.8	-.7	-.8	-.8	-.8	-.8	-.7	-.6	.0	1.1	-.3	.6	.4	-.4	-.6	-.6	-.6	-.7	-.7	-.7	-.7	24	1.1
2	-.7	-.7	-.8	-.8	-.8	-.8	-.8	-.8	-.6	-.5	-.3	-.5	-.6	-.6	-.6	-.6	-.6	-.7	-.8	-.6	-.7	-.7	-.9	-.8	24	-.3
3	-.8	-.9	-.9	-.9	-1.0	-.9	-.9	-.9	-1.0	-.9	-.9	-.9	-1.0	-.9	BF	BF	.0	.0	.0	-.1	.0	.0	.0	.0	22	0.0
4	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	24	.1
5	.1	.2	.2	.1	.2	.1	.2	.1	.2	.4	AZ	AZ	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	22	.4
6	.3	.2	.3	.3	.5	.4	.4	.5	.5	.5	.7	.7	.6	.7	.6	.5	.4	.4	.4	.4	.7	.9	.5	.6	24	.9
7	.6	.6	.6	.9	1.3	1.5	1.2	.8	1.0	1.1	1.0	.7	.6	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	24	1.5
8	.4	.4	.4	.4	.5	.5	.5	.4	.6	.8	.9	2.0	.6	.5	.5	3.7	13.8	5.9	12.8	27.7	P99.0	63.9	24.7	19.8	24	99.0
9	1.6	1.1	.8	1.0	1.0	1.0	1.0	1.2	1.1	1.1	1.1	1.9	1.4	17.6	1.4	1.0	.7	.8	1.0	9.0	P85.9	3.9	1.1	4.0	24	85.9
10	7.6	6.1	1.3	1.3	1.3	.9	.8	.7	.4	.2	.2	.3	.3	.5	.8	.4	.3	.2	.2	.1	.2	.2	.2	.3	24	7.6
11	.8	.7	1.6	2.2	1.7	1.2	2.7	32.2	13.4	8.1	1.6	1.2	.9	.7	.7	.6	.6	.4	.3	.2	.2	.2	.1	.1	24	32.2
12	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1	.2	.3	.4	.5	.5	.5	.3	.3	.5	.4	.5	.6	.6	.5	24	.6
13	.4	.3	.4	.3	.4	.2	.2	.3	.4	.3	.3	.3	.4	.5	.5	.5	.4	.4	.3	.4	.7	1.1	1.3	1.5	24	1.5
14	1.9	5.3	3.5	2.3	1.7	1.1	.9	.8	.9	1.1	1.3	1.4	1.9	3.0	2.5	2.4	.5	.4	.4	.3	.3	.3	.2	.3	24	5.3
15	.2	.4	.2	.2	.2	.2	.2	.3	.3	.5	.7	.9	1.2	.7	.7	.8	.7	.7	.6	.4	.4	.4	.3	.2	24	1.2
16	.2	.2	.1	.1	.1	.1	.1	.1	.4	1.6	3.0	5.1	3.8	6.6	.8	.7	.5	.3	.3	.1	.1	.0	.0	.0	24	6.6
17	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.2	-.1	-.1	-.2	-.1	24	0.0
18	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	-.1
19	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.2	1.2	25.1	P91.7	2.4	9.6	.7	.1	.0	-.1	.0	1.6	.0	-.1	-.2	-.1	24	91.7
20	-.2	-.1	-.2	-.1	-.1	-.1	-.2	.0	-.1	-.2	.0	.0	.0	.0	.0	.1	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	24	.1
21	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.1	-.3	-.1	-.1	-.3	-.3	-.3	-.3	-.3	24	-.1
22	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.5	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	-.2
23	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.1	-.1	-.1	-.1	.0	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	24	0.0
24	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.1	24	-.1
25	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	.0	.1	.7	.4	.0	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.1	24	.7
26	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.1	.4	.3	.3	.1	.0	.1	.2	1.1	24	1.1
28	1.6	3.0	1.6	.8	.6	.5	.6	.4	.3	.3	.4	.4	.2	.2	.1	.1	.1	.1	.2	.1	.2	.1	.1	.1	24	3.0
29	.1	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	24	.2
30	.2	.2	.2	.2	.2	.2	.2	.3	1.6	.4	.3	1.5	11.1	9.5	2.0	.6	.4	.4	.4	.3	.3	.3	.3	.4	24	11.1
31	.3	.4	.3	.3	.3	.2	.3	.3	.3	.3	.4	.4	.4	.4	.4	.3	.3	.3	.4	.3	.3	.3	.3	.3	24	.4
NO.:	31	31	31	31	31	31	31	31	31	31	30	30	31	31	30	30	31	31	31	31	31	31	31	31		
MAX:	7.6	6.1	3.5	2.3	1.7	1.5	2.7	32.2	13.4	8.1	25.1	91.7	11.1	17.6	2.5	3.7	13.8	5.9	12.8	27.7	99.0	63.9	24.7	19.8		
AVG:	.41	.51	.24	.21	.20	.14	.17	1.12	.56	.48	1.15	3.56	.83	1.62	.43	.42	.59	.30	.53	1.27	6.01	2.26	.88	.87		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: 1.03 MONTHLY MAX: 99.0

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.

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1	.3	.3	.3	.2	.2	.3	.2	.3	.4	.6	.5	.5	.3	.3	.3	.4	.3	.4	.3	.3	.3	.3	.3	.3	24	.6
2	.3	.3	.5	.4	.4	.3	.3	.4	.6	.6	.7	.7	.7	.6	.8	.7	.6	.6	1.0	.8	.6	.6	.6	.9	24	1.0
3	.9	.7	.7	.7	1.1	1.0	.9	1.2	1.2	1.0	.9	.9	.9	.8	1.0	1.1	.9	.9	.8	.7	.7	.6	1.3	.9	24	1.3
4	.7	.6	.6	.6	.6	.6	.7	.9	.8	.7	.9	1.2	1.0	4.5	4.2	13.3	20.8	2.3	1.4	1.2	1.0	1.0	1.0	1.0	24	20.8
5	1.1	1.2	1.1	1.3	1.1	1.0	.8	.7	.8	.7	.9	.8	.7	.7	.7	.6	.6	.7	.6	.6	.7	.6	.6	.7	24	1.3
6	.7	.6	.5	.5	.5	.5	.6	.5	.6	1.4	2.9	2.1	5.1	20.3	1.5	2.1	2.3	1.4	.9	.7	.6	.8	.9	.9	24	20.3
7	1.1	1.1	.8	.8	.8	.8	.8	.6	.6	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.5	24	1.1
8	.4	.4	.4	.4	.5	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.5	.5	.5	.5	.5	24	.5
9	.4	.6	.6	.5	.5	.5	.6	.6	.8	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.5	1.1	.8	.8	.8	.9	24	1.5
10	.9	2.4	6.2	3.3	1.4	1.5	19.2	49.6	66.5	17.6	6.5	3.2	2.1	1.8	1.7	1.5	1.2	1.0	.9	.9	.7	.7	.7	.8	24	66.5
11	.7	.7	.7	.7	.8	.6	.7	AV	-.7	-.8	-.7	-.1	-.6	-1.0	-1.1	-1.1	-1.2	-1.2	-1.2	-1.3	-1.3	-1.3	-1.3	-1.3	23	.8
12	-1.3	-1.2	-1.3	-1.3	-1.3	-1.3	-1.4	-1.4	-1.3	-.9	-1.0	-1.2	-1.2	-1.2	-1.3	-1.2	-1.3	-1.3	-1.2	-1.3	-1.2	-1.1	-1.2	-1.1	24	-.9
13	-1.2	-1.2	-1.1	-1.0	-1.0	-1.1	-1.0	-1.0	-.6	-.6	-.9	-.8	-.9	-.6	.4	-.4	-.7	-1.0	-1.1	-1.2	-1.3	-1.2	-1.3	-1.4	24	.4
14	-1.2	-1.3	-1.3	-1.4	-1.4	-1.3	-1.3	-1.1	-.6	-.9	-.8	-.8	-.7	-1.1	-1.1	-1.3	-1.3	-1.2	-1.3	-1.3	-1.4	-1.3	-1.3	-1.3	24	-.6
15	-1.3	-1.3	-1.3	-1.3	-1.3	-1.2	-1.3	-1.3	-1.2	-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	-1.2	-1.3	24	-1.1
16	-1.3	-1.2	-1.3	-1.3	-1.2	-1.2	-1.2	-1.1	-.9	-.7	-.9	-.9	-.9	-.8	-1.0	-1.1	-1.2	-1.1	-1.3	-1.2	-1.3	-1.3	-1.2	-1.3	24	-.7
17	-1.2	-1.3	-1.3	-1.3	-1.3	-1.3	-.8	-.8	2.2	.8	1.4	.9	2.7	.8	.0	-.7	-.5	-1.0	-1.2	-1.2	-1.3	-1.0	-1.0	-1.1	24	2.7
18	-1.0	-1.1	-1.1	-1.3	-1.3	-1.4	-1.4	-1.2	-.6	-.8	-.5	-.5	-.9	-.8	-.9	-1.1	-.8	-.7	-.8	-1.1	-.8	-.3	-.5	-.9	24	-.3
19	-1.0	-.9	-1.0	-1.1	-1.2	-1.2	-1.2	-1.0	-.7	-.6	-.5	-.4	-.4	.5	5.8	-.1	-.9	-1.1	-1.3	-1.3	-1.3	-1.4	-1.4	-1.4	24	5.8
20	-1.4	-1.3	-1.4	-1.4	-1.4	-1.3	-1.3	-1.2	-1.1	-1.0	-.9	-.8	-.6	-.5	-.2	-.9	-1.0	-1.2	-1.2	-1.4	-1.3	4.3	7.3	.7	24	7.3
21	7.8	6.6	.9	-1.1	-1.4	-1.2	-1.4	-1.4	-.9	-1.0	BF	BF	1.5	.2	.3	.2	.0	.0	1.1	1.3	7.0	1.2	2.1	.4	22	7.8
22	.1	.0	.1	.0	.0	.0	.0	.0	.0	5.8	2.2	.3	.0	.7	.1	.0	.1	.0	.0	.3	.2	.0	.0	-.1	24	5.8
23	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	.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	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
25	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.2	.3	.2	.2	.2	.5	.2	24	.5
26	.2	.2	.1	.9	2.4	.9	1.3	4.9	1.2	.6	.6	.5	.4	.5	.3	.3	.3	1.1	.9	1.1	.3	.4	.4	.3	24	4.9
27	.2	.2	.5	.4	.2	.1	.2	.3	.5	1.4	1.3	1.2	10.9	3.0	1.9	.8	.5	.3	.2	.1	.2	.1	.1	.2	24	10.9
28	.3	.3	.5	.3	.2	.1	.2	.1	.1	.1	.0	.0	.0	.1	.2	.2	.1	.1	.0	.1	.0	.0	.0	.0	24	.5
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	27	28	28	27	27	28	28	28	28	28	28	28	28	28	28	28	28		
MAX:	7.8	6.6	6.2	3.3	2.4	1.5	19.2	49.6	66.5	17.6	6.5	3.2	10.9	20.3	5.8	13.3	20.8	2.3	1.5	1.3	7.0	4.3	7.3	1.0		
AVG:	.18	.19	.12	-.05	-.08	-.14	.52	1.81	2.44	.88	.50	.29	.75	1.06	.52	.51	.70	-.01	-.04	-.08	.06	.08	.25	-.07		

MONTHLY OBSERVATIONS: 669 MONTHLY MEAN: .43 MONTHLY MAX: 66.5

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AIR QUALITY SYSTEM
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Feb. 10, 2021

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1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	24	.1
2	.1	.1	.2	.1	.1	.2	.2	.2	.3	.3	.3	.3	.3	.3	.2	.3	.4	.5	.8	.6	.4	.3	.3	.3	24	.8
3	.3	.3	.2	.3	.3	.3	.3	.4	.5	.5	.5	.5	.5	.6	.7	1.0	1.5	1.4	.7	.8	.5	.4	.4	.4	24	1.5
4	.4	.4	.4	.4	.4	.3	.3	.4	.6	.8	.7	.6	.6	.7	.7	.7	.6	.5	.4	.4	.4	.4	.4	.4	24	.8
5	.3	.5	.5	.5	.5	.4	.5	.5	.7	.9	1.2	1.9	2.1	1.8	1.3	1.3	1.0	.7	.6	.5	.5	.5	.4	.5	24	2.1
6	5.1	12.9	6.6	5.8	18.6	19.6	38.6	32.9	25.3	2.0	13.5	P80.7	12.8	1.7	.8	.4	.2	.2	.2	.2	.2	.1	.1	.1	24	80.7
7	.3	13.3	4.3	.6	.2	.1	.7	.2	.9	.3	.3	.2	.6	.6	.7	.6	.8	.2	.1	.2	.3	.3	.2	.3	24	13.3
8	.2	1.0	.8	.6	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.3	.2	.2	.3	.2	.3	.3	.3	.3	.3	24	1.0
9	.3	.4	.3	.3	.4	.4	.3	.3	.4	.4	.4	.4	.4	.3	.4	.3	.4	.5	.6	.5	.4	.4	.4	.4	24	.6
10	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.5	.4	.5	.4	.5	.4	.4	.4	.5	.4	.5	.6	.5	.5	24	.6
11	.6	.5	.5	.6	.6	.5	.6	.6	.6	.6	.7	.6	.5	.6	.5	.6	.6	.6	.6	.6	.6	.6	.6	.5	24	.7
12	.6	.5	.5	.5	.5	.5	.5	.6	.7	.8	.7	.7	18.5	20.5	12.4	1.4	.7	.8	.7	.6	.6	.6	.6	.5	24	20.5
13	.6	.6	.5	.5	.6	.6	.6	.7	1.0	1.2	1.4	1.5	1.2	1.6	1.4	1.1	.6	.6	.6	.5	.5	.6	.6	.5	24	1.6
14	.5	.5	.6	.6	.5	.5	.6	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.2	1.7	1.5	.9	.8	.7	24	1.7
15	.7	.7	.6	.7	.6	.6	.8	.9	.9	.9	.8	.8	.8	.8	.8	.8	.8	.8	1.1	1.2	1.4	1.1	.9	.9	24	1.4
16	.9	.9	.7	.7	.7	.7	1.0	1.7	1.4	1.2	2.8	1.9	1.2	1.2	2.1	18.4	1.1	3.7	1.6	1.1	.9	.8	.6	.8	24	18.4
17	.8	.8	.9	.7	.8	.7	.7	.6	.7	.7	.6	.6	.7	6.3	1.9	1.0	.9	.8	.6	.6	.5	.5	.5	.4	24	6.3
18	.4	.4	.4	.5	.4	.5	.4	.4	.4	.5	.5	.5	.5	.4	.4	.4	.2	.3	.3	.4	.3	.3	.2	.2	24	.5
19	.3	.4	.4	.4	.5	.5	.4	.5	.6	16.8	16.6	P76.6	43.1	1.9	1.3	1.0	.9	.6	.5	2.7	5.7	1.0	.6	.5	24	76.6
20	.5	.4	.4	.4	.6	10.3	2.9	1.9	2.3	1.4	1.0	.8	.7	1.0	1.7	2.4	1.4	.6	.6	.5	.5	.3	.3	.2	24	10.3
21	.3	.2	.3	.3	.3	.4	.4	.5	.5	.4	.3	.3	.4	.4	.4	.4	.6	.7	.5	.3	.3	.2	.2	.4	24	.7
22	.3	.3	.3	.4	.5	.4	.5	.4	.4	.5	.6	.6	1.7	.5	.7	.6	.5	.5	.6	.5	.5	.4	.4	.5	24	1.7
23	.5	3.1	31.1	62.2	20.9	11.9	3.0	1.5	1.2	1.3	1.4	3.9	1.7	1.3	1.2	1.1	1.0	1.1	12.5	1.0	.9	1.0	10.6	2.2	24	62.2
24	1.5	1.1	.8	.7	.6	.6	.5	.6	1.0	1.0	1.2	.9	.7	.8	.6	.5	.5	.4	.4	.4	.4	.4	.4	.5	24	1.5
25	.3	.3	.4	.5	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.4	.4	.3	.4	.4	.3	.3	.3	.3	24	.5
26	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	24	.3
27	.3	.2	.2	.3	.2	.3	.3	.3	.2	.2	.3	.3	.3	.6	1.0	.6	.4	.9	.7	.5	.4	.3	.3	.3	24	1.0
28	.3	.3	.2	.3	.3	.3	.3	.5	.5	.5	.7	.5	.7	1.0	1.4	1.1	1.0	.6	.5	.4	.3	.4	.3	.2	24	1.4
29	.3	.3	.3	.3	.3	.3	.4	.5	.4	.4	.9	1.2	1.1	1.2	1.2	1.3	1.4	1.8	1.9	.8	.6	.6	.5	.5	24	1.9
30	.4	.5	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.4	.3	.4	.3	.4	.3	.3	.3	.3	.3	24	.5
31	.3	.3	.3	.3	.2	.3	.4	.3	.4	.6	1.0	1.3	1.4	1.2	.9	.9	1.2	1.4	2.1	1.5	.9	.9	.6	.5	24	2.1
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	5.1	13.3	31.1	62.2	20.9	19.6	38.6	32.9	25.3	16.8	16.6	80.7	43.1	20.5	12.4	18.4	1.5	3.7	12.5	2.7	5.7	1.1	10.6	2.2		
AVG:	.59	1.35	1.74	2.60	1.66	1.70	1.84	1.62	1.44	1.19	1.65	5.82	3.08	1.62	1.22	1.32	.69	.74	1.04	.65	.68	.49	.74	.46		

MONTHLY OBSERVATIONS: 744 MONTHLY MEAN: 1.50 MONTHLY MAX: 80.7

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.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Feb. 10, 2021

(42401) Sulfur dioxide

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: APRIL 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.5	.5	.4	.4	.4	.5	1.0	2.2	1.9	1.0	1.1	.9	.8	.6	21.5	4.0	1.0	1.1	.8	.7	.6	.5	.6	.6	24	21.5
2	.5	.6	.5	.5	.5	.5	.7	.7	.7	.8	.7	.7	.6	.6	5.7	.8	.7	2.6	1.2	.5	.4	.5	.7	.6	24	5.7
3	.5	.5	.5	.5	.5	.4	.4	.4	.4	.5	.4	.5	.5	.4	.6	.6	.5	.4	.4	.3	.3	.3	.3	.3	24	.6
4	.3	.3	.2	.2	.2	.2	.2	.1	.2	.2	.3	.3	.3	.3	.3	.2	.3	.2	.3	.3	.3	.2	.2	.3	24	.3
5	.3	.2	.3	.3	.3	.3	.4	.4	.4	.8	1.7	2.7	1.6	1.1	1.2	.4	.4	.4	1.6	.8	.6	1.1	.6	.5	24	2.7
6	.5	.5	.3	.4	AV	AV	.4	.5	.4	.4	.5	.4	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	22	.5
7	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.6	.5	.5	.6	1.0	2.4	.4	.4	.6	.5	.6	.6	.5	24	2.4
8	.4	.5	.5	.5	.5	.6	1.4	1.5	2.2	2.8	3.8	3.4	.8	1.5	1.0	2.6	1.9	1.1	.9	.7	.7	1.4	19.8	8.4	24	19.8
9	7.6	3.7	1.2	1.0	.9	.9	.9	.9	.8	1.3	.9	2.9	8.7	2.7	.9	1.7	.8	.7	.7	.6	.5	.5	.4	.4	24	8.7
10	10.0	1.2	.7	.4	.3	.2	.3	.3	.4	.5	.5	.5	.6	.7	.5	.4	.3	.3	.3	.2	.3	.3	.3	.3	24	10.0
11	.4	.3	.3	.3	.3	.3	.4	.3	.4	.4	.4	.5	.4	.4	.3	.3	.3	.3	.3	.3	.4	.3	.3	.4	24	.5
12	.4	.4	.4	.4	.4	.5	1.3	1.7	1.5	.9	8.1	14.3	4.9	16.8	2.1	.9	.9	.8	.7	2.1	2.1	1.3	1.0	.7	24	16.8
13	5.0	2.0	1.1	1.1	.7	.6	.6	.5	.6	.7	.8	.9	.9	.8	.6	.6	.7	.5	.4	.4	.4	.4	.3	.4	24	5.0
14	.5	.4	.5	.4	.4	.5	.7	1.3	.9	.7	.9	1.3	1.6	1.7	1.5	1.3	1.6	3.3	2.1	1.3	1.0	.8	.8	.7	24	3.3
15	.5	.4	2.0	.7	1.4	1.1	2.8	2.2	11.6	1.9	1.1	2.6	1.0	2.2	.6	.5	.5	.4	.3	.4	.8	.4	.2	.2	24	11.6
16	.1	.2	.2	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.2	.1	.1	.0	.1	.0	.2	.1	.2	.3	24	.3
17	.4	.7	.5	.4	.3	.3	.3	.4	.4	.3	.4	.4	.5	.4	.4	.3	.4	.4	.4	.4	.3	.3	.3	.3	24	.7
18	.4	.4	.4	.4	.3	.4	.5	1.0	1.7	1.8	1.8	2.4	1.8	2.0	2.5	1.7	1.8	1.0	.8	2.4	9.6	1.9	.9	.7	24	9.6
19	.6	.4	.3	.2	.3	.4	.4	.4	.5	.4	.4	.9	.8	.5	.4	.4	.4	.4	.4	.4	.4	.3	.3	.4	24	.9
20	.4	.3	.3	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.4	.3	.4	.4	.3	.3	.3	.3	.4	.4	24	.4
21	.4	.4	.3	.4	.4	.4	.4	.4	.5	.5	.4	.5	.5	.6	.5	.5	.5	.9	1.2	2.5	1.1	.6	.6	.5	24	2.5
22	.5	.5	.5	.5	.5	.5	.7	1.0	.9	.7	.7	.7	.7	4.3	4.3	2.5	3.7	1.8	.6	1.2	.9	.6	.6	.6	24	4.3
23	.4	.5	.5	.6	.6	.6	.7	.7	.8	.8	.8	.8	.6	.6	.7	.7	.6	.5	.5	.5	.5	.5	.5	.6	24	.8
24	.5	.5	.6	.5	.6	.6	.6	.8	1.2	1.1	4.3	9.4	28.1	5.6	1.4	1.5	1.0	.8	.9	.9	.8	1.0	3.1	11.5	24	28.1
25	2.0	1.3	.9	.9	.9	1.0	1.6	2.0	2.1	2.0	1.4	1.8	3.8	1.8	1.6	1.5	1.2	1.2	1.1	.8	.7	.6	.7	.5	24	3.8
26	.4	.4	.4	.4	.4	.4	.5	1.0	2.8	5.0	3.9	8.0	2.0	7.6	9.5	9.0	7.7	.7	.5	.3	.3	.3	.2	.2	24	9.5
27	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.5	.4	.4	.4	.3	.4	.4	24	.5
28	.4	.4	.4	.5	.5	.5	.5	.6	.7	.6	.6	.6	4.3	16.4	5.9	.9	.8	.7	.7	.7	.7	.6	.5	.6	24	16.4
29	.6	.5	.5	.6	.6	.5	.7	.6	.6	.7	.6	.7	.6	.7	.6	.7	.7	.6	.7	.6	.7	.6	.7	.6	24	.7
30	.6	.6	.6	.6	.6	.6	.6	.5	.5	.3	.5	.6	.5	.5	.5	.6	.6	.6	.6	.6	.6	.6	.5	.5	24	.6
31																									0	
NO.:	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	10.0	3.7	2.0	1.1	1.4	1.1	2.8	2.2	11.6	5.0	8.1	14.3	28.1	16.8	21.5	9.0	7.7	3.3	2.1	2.5	9.6	1.9	19.8	11.5		
AVG:	1.19	.64	.53	.47	.48	.48	.67	.79	1.22	.95	1.28	2.00	2.29	2.42	2.24	1.23	1.10	.78	.67	.72	.89	.59	1.21	1.09		

MONTHLY OBSERVATIONS: 718 MONTHLY MEAN: 1.08 MONTHLY MAX: 28.1

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: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: MAY 2017

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.6	.6	.5	.5	.5	.5	.5	.6	.5	.6	.6	.7	6.3	10.8	7.4	10.2	2.8	1.2	.8	.6	.6	.5	.4	.5	24	10.8
2	.6	.5	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	.7	.6	.6	.6	.6	.6	.6	.7	24	.7
3	.7	.6	.6	.6	.6	.8	.8	1.1	1.4	1.0	1.4	.8	2.1	34.7	17.1	1.0	31.9	1.5	.9	1.7	6.2	1.1	.9	.8	24	34.7
4	.6	.7	.7	.7	.7	.7	1.7	1.8	2.1	5.7	1.0	.9	.9	.9	.9	1.1	.9	1.4	1.7	1.7	2.2	1.8	1.2	.9	24	5.7
5	.8	.7	.7	.6	.6	.6	.7	.8	.9	.8	.7	.7	.7	1.4	1.0	1.6	1.2	1.1	3.5	1.9	.9	.8	.7	.8	24	3.5
6	.8	.8	.6	.7	.6	.7	.8	.7	.8	.7	.7	.8	.7	.7	.7	.6	.7	.7	.9	1.1	.7	.8	1.0	.9	24	1.1
7	.9	.8	.8	.7	.7	.8	.8	.9	.8	.7	.8	.8	.8	.8	.8	.9	.9	.9	.8	.7	.8	.8	.7	.8	24	.9
8	.8	.8	.8	.8	.8	.9	1.0	1.1	1.0	.9	.9	.9	.9	1.1	1.7	1.2	1.0	.9	.8	.9	.9	1.8	1.1	1.0	24	1.8
9	1.1	1.2	1.1	1.1	1.0	1.0	.9	.9	1.1	1.1	1.3	1.4	.9	.9	1.0	1.0	.9	.9	.9	.9	.9	.9	.9	.8	24	1.4
10	.8	.8	.8	.7	.7	.9	1.1	1.2	1.1	1.1	1.3	1.4	1.3	1.2	2.4	3.1	1.9	1.5	.8	.7	.6	.7	.6	.6	24	3.1
11	.7	.7	.7	.6	.6	.7	.9	1.0	1.0	1.0	1.1	.9	.9	.8	.8	1.0	.9	.7	.7	.6	.6	.5	.5	.6	24	1.1
12	.6	.6	.6	.6	.6	.6	.8	1.7	1.1	.8	.7	.7	.7	.7	.6	.7	.6	.7	.7	.6	.6	.6	.6	.6	24	1.7
13	.5	.6	.5	.6	.6	.6	.8	.8	.8	.6	.3	.3	.4	.1	.2	.9	.9	.8	.7	.6	.6	.5	.5	.5	24	.9
14	.5	.5	.5	.6	.6	.8	.8	.7	.7	.7	.7	.7	.7	.8	.7	.6	.7	.7	.6	.6	.6	.7	.6	.7	24	.8
15	.7	.7	.9	1.1	1.1	1.1	1.4	1.7	1.3	1.3	1.3	1.1	1.2	1.3	1.0	1.2	1.1	7.1	1.5	1.0	.8	.7	.6	.6	24	7.1
16	.6	.6	.6	.5	.6	.6	.5	.7	1.9	1.8	1.4	1.3	8.6	17.4	1.4	11.4	6.8	1.6	1.2	.8	4.3	4.6	6.9	1.1	24	17.4
17	.8	.8	.7	.5	.5	.6	1.0	2.3	1.4	1.0	.7	12.3	2.7	13.7	32.9	21.2	P89.7	P146.	P77.2	16.4	43.7	23.3	.9	1.2	24	146.0
18	6.8	8.7	8.0	8.6	2.2	1.5	1.0	.9	.9	.6	.6	.5	.5	.5	.5	.4	.4	.4	.4	.3	.3	.4	.2	.4	24	8.7
19	.5	.5	.5	.5	.5	.6	.7	.6	.6	.6	.6	1.1	1.5	1.1	.7	.6	.6	.6	.6	.4	.3	.4	.3	.2	24	1.5
20	.4	.2	.2	.3	.3	.4	.7	.6	.7	.7	.7	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.4	24	.7
21	.4	.2	.0	.0	.0	.1	.2	.2	.7	.5	.5	1.0	.6	.5	.5	.5	.6	.5	.5	.5	.6	.5	.4	.5	24	1.0
22	.5	.6	.6	.6	.5	.8	.7	.6	.6	.7	.6	.6	3.1	.7	3.4	3.4	.8	.5	.6	.6	.5	.6	.6	.4	24	3.4
23	.6	.6	.5	.5	.5	.8	.7	2.5	2.5	2.4	BF	BF	BF	-.1	-.3	-.4	-.5	-.5	-.5	-.4	-.5	-.4	-.5	-.3	21	2.5
24	-.3	-.5	-.4	-.4	-.4	-.4	-.3	-.4	-.3	-.3	-.2	.0	.3	-.1	-.3	-.4	-.3	-.3	-.4	-.4	-.3	-.4	-.4	-.4	24	.3
25	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.2	.0	.0	.0	-.1	.0	-.1	-.1	-.2	.0	.0	-.1	-.4	-.3	-.5	-.6	-.4	24	0.0
26	-.3	-.4	-.5	-.4	-.4	-.3	-.2	.0	.1	3.5	17.7	.3	.2	.2	2.9	.1	1.1	.6	.0	-.2	-.2	-.3	-.2	-.1	24	17.7
27	-.3	-.3	-.4	-.4	-.4	-.4	-.2	-.1	.0	-.2	-.3	3.0	10.2	8.7	4.4	1.3	.4	.5	-.2	-.2	-.2	-.1	-.2	-.2	24	10.2
28	-.2	-.2	-.3	-.4	-.3	-.4	-.4	-.4	-.3	-.1	.1	-.2	-.2	.1	-.2	.4	.3	-.3	-.4	-.4	-.3	-.2	-.3	-.2	24	.4
29	-.3	-.2	-.1	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.6	-.7	24	-.1
30	-.5	-.2	-.4	-.4	-.5	-.3	-.3	-.3	-.5	-.4	-.3	-.3	-.5	-.4	-.5	-.5	-.4	-.5	-.4	-.5	-.5	-.4	-.4	-.2	24	-.2
31	-.2	-.1	.0	.0	-.1	.0	.0	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.1	-.1	-.2	-.1	-.2	-.2	24	0.0
NO.:	31	31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:	6.8	8.7	8.0	8.6	2.2	1.5	1.7	2.5	2.5	5.7	17.7	12.3	10.2	34.7	32.9	21.2	89.7	146.0	77.2	16.4	43.7	23.3	6.9	1.2		
AVG:	.61	.66	.61	.62	.41	.46	.55	.71	.74	.90	1.17	1.08	1.54	3.20	2.65	2.05	4.73	5.47	3.05	.99	2.09	1.30	.56	.40		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 1.52 MONTHLY MAX: 146.0

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: JUNE 2017

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	-.2	-.2	-.2	.0	2.7	1.1	1.9	.8	.2	.1	.3	.0	.0	.0	-.1	-.1	-.2	-.2	-.1	-.1	-.1	.6	.4	.0	24	2.7
2	.1	.0	.0	-.1	-.1	-.1	.2	.7	.4	.8	1.2	-.2	2.2	17.3	24.5	.0	2.7	4.9	.1	.0	.0	.0	.6	11.3	24	24.5
3	.9	.4	.1	.0	-.1	-.1	5.9	4.4	4.6	1.4	2.2	.0	-.1	-.1	1.1	.0	.8	.1	1.2	2.1	-.2	-.3	-.4	-.4	24	5.9
4	-.4	-.3	-.5	-.4	-.4	-.4	-.2	.0	-.1	-.2	-.2	-.3	-.2	-.3	-.2	-.3	-.3	-.2	-.3	-.3	.4	-.2	-.3	-.2	24	.4
5	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.3	-.3	-.3	-.3	-.3	-.2	24	-.1
6	-.2	-.3	-.3	-.3	-.3	-.2	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	.0	.0	.0	.0	-.3	-.3	-.4	-.3	-.4	-.3	24	0.0
7	-.3	-.3	-.3	-.4	-.4	-.1	-.1	.1	.0	.0	.0	1.0	2.1	20.2	20.4	1.9	9.4	26.3	25.5	.1	1.4	2.6	1.8	.3	24	26.3
8	.0	.0	-.3	-.2	-.2	-.1	-.2	-.2	-.3	-.4	-.3	.0	.0	.0	.0	1.4	-.1	1.1	4.8	4.1	-.1	-.2	-.3	-.4	24	4.8
9	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.2	-.2	-.3	.0	.2	.0	-.1	-.2	-.2	-.2	.0	-.1	.0	24	.2
10	-.1	-.1	-.2	.1	1.1	2.7	.7	.4	2.4	7.0	2.2	1.6	3.1	2.5	.6	.1	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.1	24	7.0
11	-.1	-.1	-.2	-.1	.0	-.1	-.1	-.1	.0	.0	.9	9.4	.8	.0	.0	.1	-.2	.0	.4	.2	1.3	42.2	8.9	2.0	24	42.2
12	.1	-.1	-.1	-.2	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.4	-.2	-.2	-.1	-.2	-.3	-.3	-.4	-.4	-.5	-.5	-.4	-.5	24	.1
13	-.4	-.5	-.5	-.5	-.5	-.4	-.3	-.3	-.2	-.2	-.3	-.3	-.4	-.4	-.3	-.3	-.2	-.3	-.3	-.2	-.3	-.3	-.4	-.2	24	-.2
14	-.3	-.3	-.3	-.3	-.2	.9	6.6	.7	1.2	.1	.0	.2	.2	.2	2.0	.0	.0	.0	-.2	.1	-.3	-.5	-.4	-.5	24	6.6
15	-.3	-.3	-.4	-.5	-.5	-.4	-.4	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.4	-.1	-.2	.3	.0	.0	24	.3
16	.0	.1	.3	.0	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	.5	.0	-.2	.3	-.2	.0	.2	.0	.1	2.7	-.3	-.2	24	2.7
17	-.3	-.6	.0	.0	-.2	-.3	-.3	-.6	-.7	-.3	-.3	14.7	5.3	.0	14.0	16.5	.0	.9	-.1	-.1	.0	-.2	-.4	-.4	24	16.5
18	-.4	-.6	-.5	-.6	-.5	-.6	-.6	-.4	-.2	-.4	-.4	-.4	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.4	-.2	-.3	-.3	-.2	24	-.2
19	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.1	-.2	-.3	-.2	-.2	-.1	-.1	-.2	-.2	-.3	-.3	-.4	-.3	-.3	-.3	24	-.1
20	AN	-.1	-.1	-.2	-.2	.0	.2	.1	.0	.0	-.1	-.1	-.2	-.2	-.1	-.2	-.3	-.3	-.2	-.2	-.1	-.2	-.1	-.2	23	.2
21	-.3	-.3	-.4	-.4	-.2	-.3	-.1	-.2	9.3	12.9	1.8	35.8	4.4	13.9	20.4	18.8	5.9	.0	1.3	.3	.0	.0	-.1	8.9	24	35.8
22	5.4	.3	.1	.0	-.1	.0	.0	.0	.0	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.3	-.3	-.3	-.4	-.3	-.3	24	5.4
23	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.2	-.2	-.2	-.1	-.1	-.1	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	24	0.0
24	-.2	-.2	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.1	-.1	-.2	-.2	24	-.1
25	-.3	-.2	-.1	-.1	-.1	.0	.1	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.1	-.2	-.1	-.1	-.2	-.2	24	.1
26	-.1	-.2	-.2	-.1	-.1	-.2	-.1	-.1	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.2	-.2	24	0.0
27	-.2	-.3	-.2	-.3	-.1	-.1	.0	.0	-.2	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	.1	-.1	-.2	-.1	-.1	.2	.6	24	.6
28	.0	.0	.4	5.8	3.2	1.3	6.9	1.8	44.3	29.0	26.2	51.5	51.7	22.2	20.7	21.5	19.4	4.6	6.1	.9	.4	8.0	1.7	.5	24	51.7
29	5.2	14.5	1.6	.3	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	24	14.5
30	.0	-.1	-.1	-.1	-.2	-.1	.0	.0	.0	.0	2.2	1.4	6.2	3.2	1.6	-.2	-.1	.9	.0	.0	.0	-.1	-.1	-.1	24	6.2
31																									0	
NO.:	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	5.4	14.5	1.6	5.8	3.2	2.7	6.9	4.4	44.3	29.0	26.2	51.5	51.7	22.2	24.5	21.5	19.4	26.3	25.5	4.1	1.4	42.2	8.9	11.3		
AVG:	.23	.30	-.12	0.00	.03	.03	.61	.17	1.95	1.57	1.10	3.73	2.45	2.54	3.42	1.92	1.15	1.18	1.16	.11	-.03	1.71	.25	.61		

MONTHLY OBSERVATIONS: 719 MONTHLY MEAN: 1.09 MONTHLY MAX: 51.7

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: JULY 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	-.3	-.3	-.3	-.3	-.3	-.3	-.1	-.2	-.3	-.3	-.2	-.2	-.3	-.2	-.3	.4	.0	.0	-.1	-.1	.0	.1	.1	.1	24	.4
2	-.1	.0	.0	-.1	-.2	-.2	-.1	-.2	-.3	-.2	-.2	-.2	2.3	6.9	.3	.4	.0	.0	.0	.0	-.1	-.1	-.2	-.1	24	6.9
3	.0	-.2	-.1	-.2	-.2	-.2	-.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	24	.1
4	.0	-.1	-.1	-.1	-.2	.0	.1	.0	.0	.0	.1	.1	.0	2.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	24	2.0
5	.0	.3	.3	.4	.6	5.4	8.8	8.8	.9	.3	1.7	.3	.2	.3	.0	.0	1.1	.1	.0	.1	-.1	-.2	-.2	-.1	24	8.8
6	-.1	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	.0	.0	.0	1.4	.1	.2	.0	-.1	-.1	.0	.0	.0	.0	.0	-.1	24	1.4
7	.0	.0	.0	-.1	-.1	-.2	-.3	-.3	-.2	-.1	-.1	-.1	-.1	.0	.2	.0	.6	.0	-.1	-.1	-.2	-.2	-.2	-.1	24	.6
8	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	.0	.0	-.1	.0	-.1	-.1	.3	.0	.0	.0	-.1	24	.3
9	-.1	-.1	-.2	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.2	24	0.0
10	-.1	-.2	.0	.0	-.1	-.2	.2	1.8	2.1	5.4	4.7	1.1	.4	.3	.4	.3	.3	.2	.1	.0	.0	-.1	.0	.8	24	5.4
11	.7	.1	.0	-.1	-.2	.3	3.4	3.1	4.3	.1	43.4	37.2	8.8	13.9	1.3	44.3	15.6	28.9	15.0	10.8	3.1	1.6	.2	.0	24	44.3
12	.2	.0	-.2	.0	.2	.0	-.2	-.2	.0	.1	4.9	1.1	4.5	.8	.0	.0	.0	-.1	-.2	.0	-.1	-.1	-.2	-.2	24	4.9
13	-.1	.0	-.2	-.1	-.2	-.2	-.2	-.3	-.2	-.3	-.2	-.2	-.1	.2	.7	1.2	-.1	-.1	-.2	-.2	-.3	-.2	-.2	-.3	24	1.2
14	-.1	-.1	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	24	0.0
15	-.2	-.1	-.2	-.2	-.3	-.2	.1	.6	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	-.2	-.2	-.1	-.2	24	.6
16	-.2	.0	-.2	-.1	-.1	-.2	-.2	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.2	.0	.1	.0	-.1	-.4	-.2	-.3	-.4	24	.1
17	-.3	-.4	-.4	-.4	-.4	-.3	-.1	.2	.2	.0	.0	.0	.2	.1	.3	19.4	1.0	.0	.7	.0	-.1	-.2	1.2	1.4	24	19.4
18	.3	.1	.2	.1	.2	.5	.3	.1	.7	.5	1.0	2.1	4.8	13.0	9.8	6.2	1.9	.1	.1	.0	-.1	-.3	-.3	.0	24	13.0
19	-.1	-.1	-.1	-.2	-.3	-.3	-.2	-.1	.5	.7	.0	.0	.0	.1	.0	4.6	.1	.3	.3	25.6	.2	-.2	.9	7.7	24	25.6
20	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.7
21	.0	.0	.0	-.1	.0	.0	.7	2.8	1.4	9.3	7.4	.5	.2	.2	.2	2.0	.8	12.1	3.0	14.3	10.7	7.9	1.2	3.3	24	14.3
22	1.0	.1	.2	.0	.0	.0	.0	.2	1.8	.9	8.1	14.8	29.2	6.3	.3	.2	7.0	2.3	.2	.2	10.0	5.1	.4	.1	24	29.2
23	.0	.0	.5	.5	-.1	-.2	.3	.2	.0	.0	.0	.0	.0	-.1	5.0	1.9	-.1	.4	-.1	-.2	-.2	-.2	.0	-.1	24	5.0
24	.0	-.1	-.1	-.1	.0	.0	.0	.0	.2	.3	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
25	.1	.0	.0	.0	.0	.1	.8	4.6	5.2	4.4	3.2	8.5	7.6	11.2	70.5	P81.0	10.4	3.4	.6	7.0	3.5	.3	3.2	9.9	24	81.0
26	36.8	13.7	5.8	.5	.1	.0	.0	.0	.0	-.2	.2	.1	.1	.2	1.2	4.2	4.9	.7	.3	.1	.0	.0	.0	.0	24	36.8
27	-.1	.1	-.1	-.1	-.1	-.1	.0	.1	.6	.8	.7	.4	.8	.6	.2	.0	.0	.2	.5	.2	.0	-.1	-.1	-.1	24	.8
28	.0	.0	.0	-.1	.0	.0	.1	.4	.7	1.1	.7	.8	.5	.1	.8	.4	.0	.4	.5	.4	.3	.3	.1	.2	24	1.1
29	.1	.0	.0	-.1	.0	.0	.0	3.4	9.4	3.4	9.0	4.5	2.9	4.2	4.7	1.4	6.2	5.7	.5	.5	.3	.4	.3	.2	24	9.4
30	.2	.2	.1	.1	.1	.1	.2	.2	.2	.2	1.1	2.7	1.0	2.9	.8	.9	2.5	.7	.3	.2	.2	.3	.2	.2	24	2.9
31	.2	.1	.1	.1	.1	.1	.2	.1	.1	.2	1.6	18.0	29.2	36.1	P89.5	1.1	1.2	1.1	.2	.1	.2	.1	.2	.1	24	89.5
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	36.8	13.7	5.8	.5	.6	5.4	8.8	8.8	9.4	9.3	43.4	37.2	29.2	36.1	89.5	81.0	15.6	28.9	15.0	25.6	10.7	7.9	3.2	9.9		
AVG:	1.24	.41	.15	-.05	-.07	.11	.43	.80	.86	.85	2.80	2.95	3.02	3.20	5.99	5.47	1.72	1.81	.68	1.90	.85	.44	.19	.71		

MONTHLY OBSERVATIONS: 744 MONTHLY MEAN: 1.52 MONTHLY MAX: 89.5

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.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Feb. 10, 2021

(42401) Sulfur dioxide

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: AUGUST 2017

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.2	.1	-.1	-.3	-.2	.0	.1	.1	.1	.2	.1	.0	.5	.2	.2	.0	.7	8.6	14.1	1.6	.4	.1	.1	.2	24	14.1
2	.2	.1	.0	.0	.0	.0	.0	.2	.3	.6	1.2	1.3	.9	.9	.3	.1	.1	.0	.0	.1	.0	.0	.0	.0	24	1.3
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.2	-.4	-.2	.0	.0	.0	1.3	.6	.2	.1	.0	.0	.0	24	1.3
4	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	24	.1
5	.0	.0	.0	.0	.0	.0	.0	1.0	.5	.2	1.8	.1	.0	.1	.1	3.3	.3	.0	.0	.0	.2	.0	.0	-.1	24	3.3
6	.0	.0	.0	.0	.0	.0	.0	.1	.5	2.4	17.7	5.4	.6	4.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	17.7
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.3	24	.2
8	.0	.0	-.4	-.3	-.1	.0	.1	.3	.2	.1	.0	-.1	-.1	-.3	-.3	-.4	-.2	-.3	.0	.1	.1	.0	.0	.2	24	.3
9	.1	.1	.0	.1	.0	.0	.1	.2	.1	.1	.3	.5	7.1	9.5	2.4	9.0	2.9	4.7	3.7	5.6	1.5	1.2	1.2	4.1	24	9.5
10	4.7	2.8	5.8	1.5	9.7	27.8	9.7	32.4	27.9	7.4	4.0	11.3	14.1	7.4	.5	.8	.7	.2	.3	.2	.1	.1	.0	-.1	24	32.4
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	-.2	.0	.0	-.2	-.3	-.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.3	.9	.5	.3	.2	.3	24	.9
13	.1	.2	.1	.1	.1	.1	.2	.2	.2	.2	2.3	13.9	1.8	.4	.8	4.3	.8	-.3	.0	-.1	.3	.9	.5	.5	24	13.9
14	.6	.5	.4	.3	.1	.3	3.6	4.5	2.4	2.4	13.5	25.6	9.5	17.4	43.4	.7	5.3	7.3	1.2	2.2	1.8	1.3	.5	.2	24	43.4
15	.2	.0	.0	.1	.1	.0	.0	.1	.2	.2	.2	.3	.3	.2	.2	.2	.2	1.1	.3	.2	.0	.1	.2	.1	24	1.1
16	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.0	.1	.1	.1	.1	.1	.0	.0	24	.3
17	.0	.2	.1	.0	.0	.0	2.2	7.0	13.5	23.7	6.8	1.1	.6	.3	.4	.2	.1	.1	.0	.0	-.1	.0	.1	.0	24	23.7
18	.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	-.1	.0	.0	-.1	.0	.0	.0	.0	.1	.0	.1	.1	24	.1
19	.0	.0	.0	.1	.1	.0	.0	.1	.3	.3	.3	.3	.2	.3	.3	.4	.4	.5	.5	.4	.3	.2	.1	.2	24	.5
20	.0	.0	-.1	-.1	-.1	.0	.1	.5	.6	.3	.7	1.7	3.9	4.6	2.7	1.5	1.3	.6	.0	.0	.2	.2	.2	.2	24	4.6
21	.2	.2	.1	.1	.1	.0	.1	.1	.5	.7	.7	4.1	3.1	3.5	1.8	.5	.6	1.2	.8	.4	.3	.4	.3	.2	24	4.1
22	.3	.2	.1	.1	.0	.0	.2	.2	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	24	.3
23	.2	.0	.2	.1	.1	.0	.0	.1	.2	.1	AZ	AZ	.3	.1	.0	-.1	-.3	-.1	.1	.0	.0	.0	.0	.0	22	.3
24	-.5	-.3	.0	.1	.0	.1	.1	.1	.1	.0	BF	BF	BF	.1	.0	.0	.0	.0	.1	.1	.1	.0	.1	.2	21	.2
25	.2	.1	.2	.2	.2	.3	.5	.8	.4	.3	.2	.1	.0	.1	1.0	.2	.4	.2	.0	.0	.0	.0	.0	.2	24	1.0
26	.2	.0	.2	.1	.2	.2	.2	.3	.5	.6	1.0	.7	.8	.8	1.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	24	1.1
27	.0	.0	.0	.1	.2	.2	.2	1.0	4.1	1.0	.4	12.1	2.8	7.7	1.1	.6	.6	.4	.3	.3	.0	-.2	-.2	-.2	24	12.1
28	.0	-.1	.0	-.3	-.1	-.1	-.2	-.2	.0	.2	.2	.1	.0	.0	.1	.1	.1	.1	.0	.0	-.1	.0	.0	.0	24	.2
29	.0	.0	.0	.0	.0	.0	.1	.1	.0	.2	.2	.2	.2	.3	.4	.5	.2	.1	.0	.1	-.1	.0	.0	.0	24	.5
30	.0	.0	.0	.0	.0	.0	.2	.6	.8	.1	.3	1.5	.0	4.5	4.4	.0	.0	.0	-.1	-.2	-.1	.0	.3	.1	24	4.5
31	.1	.3	.2	.1	.0	.1	.0	.1	.3	.3	.3	.5	.7	AE	.4	.2	.2	.4	.1	.0	.0	.0	-.1	-.2	23	.7
NO.:	31	31	31	31	31	31	31	31	31	31	29	29	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	4.7	2.8	5.8	1.5	9.7	27.8	9.7	32.4	27.9	23.7	17.7	25.6	14.1	17.4	43.4	9.0	5.3	8.6	14.1	5.6	1.8	1.3	1.2	4.1		
AVG:	.22	.15	.22	.06	.33	.94	.57	1.62	1.74	1.36	1.81	2.79	1.57	2.09	1.99	.73	.48	.85	.73	.40	.19	.16	.12	.20		

MONTHLY OBSERVATIONS: 738 MONTHLY MEAN: .88 MONTHLY MAX: 43.4

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: SEPTEMBER 2017

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.0	-.1	.0	.0	.0	.0	.0	.1	.3	.2	.5	.3	.2	.2	.3	.2	.2	.1	.0	.0	.0	-.2	-.1	.0	24	.5
2	.2	.1	.1	.1	.1	.1	.1	2.3	6.1	2.4	1.3	.7	.5	.2	.0	.2	.4	.2	.2	.2	.1	.0	.2	.2	24	6.1
3	.2	.2	.2	.2	.1	.1	.1	.5	.5	.4	.4	.4	.4	.5	.6	.6	.6	.6	.5	.5	.5	.4	.4	.4	24	.6
4	.4	.5	.7	.6	.6	.6	.6	.6	.8	.7	.7	.3	.3	.3	.3	.2	.4	.4	.4	.4	.3	.1	.2	.1	24	.8
5	.1	.2	.2	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	-.1	.0	.1	24	.2
6	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	-.1	.0	-.1	-.4	.0	.1	.1	.0	24	.2
7	.0	.1	.0	-.2	.1	.1	.2	.3	.2	.3	.3	.3	.2	.2	.1	.2	.1	.1	.0	.0	.1	.0	.0	.0	24	.3
8	.0	.0	.2	.2	.2	.1	.1	.2	.5	.7	.6	.4	.4	.6	.6	.1	-.2	-.1	-.1	.0	-.1	-.1	.0	.3	24	.7
9	.0	-.1	-.2	-.2	-.1	-.1	.0	.0	.0	.1	.1	.2	.2	.0	.0	.0	-.4	-.5	-.5	-.3	-.1	-.1	.1	.0	24	.2
10	-.3	-.1	-.4	-.2	.0	.0	-.1	.9	1.2	44.8	1.6	4.1	22.1	38.6	19.5	4.6	.9	.4	.1	.0	.1	.1	.2	.2	24	44.8
11	.1	.0	.1	.2	.1	.4	.2	1.8	1.1	.6	.6	1.3	2.8	3.4	.7	2.1	1.4	.5	1.1	.7	.6	.4	.3	.2	24	3.4
12	.2	.1	.0	.1	.2	.2	.4	.8	.7	.7	.6	.6	.5	.5	.3	.4	.5	.5	.3	.2	.2	.1	.0	.1	24	.8
13	.0	.0	.1	.1	.1	.2	.8	1.1	.8	31.1	3.8	12.0	7.6	7.1	2.7	1.7	1.0	.5	.2	.4	.5	.3	.2	.2	24	31.1
14	.1	.2	.2	.1	.0	.1	.3	.3	1.8	1.1	1.4	.9	.7	2.9	2.8	8.2	9.9	4.9	1.1	.4	.2	.1	.0	.1	24	9.9
15	.1	.1	.2	.1	.1	.2	.3	3.2	5.1	1.8	12.2	4.2	1.0	.6	.6	2.1	1.2	.7	.6	.5	.3	-.2	.1	.0	24	12.2
16	1.3	.6	.3	.7	.6	.6	1.2	3.1	1.0	4.3	1.5	32.6	26.9	3.2	9.7	46.2	10.4	4.2	1.0	.9	1.2	8.5	3.0	1.0	24	46.2
17	.8	.8	.5	.5	.7	.5	.4	.4	.3	.2	.2	.1	.3	.2	.1	.1	.1	.3	.1	.2	.1	.1	.1	.2	24	.8
18	.2	.1	.2	.1	.1	.2	.2	.2	.2	.2	.1	.1	.3	.2	.2	.1	.1	-.2	.0	.0	.0	.0	.0	.0	24	.3
19	.1	.0	.0	.1	.1	.1	.1	.2	.1	.2	.2	.2	-.1	.0	.4	.2	.3	.2	.2	.2	.0	.0	.0	-.2	24	.4
20	.0	.1	.1	.0	.0	.1	.2	.1	.3	1.3	1.2	1.7	2.1	1.8	1.6	1.5	.7	.1	.0	.0	.0	.0	.0	-.1	24	2.1
21	.0	-.1	-.2	-.5	-.3	-.1	-.2	-.2	.0	.0	.2	.1	.4	9.3	8.9	1.7	.4	.7	.4	.1	.0	.0	.1	.1	24	9.3
22	.1	.1	.1	.1	.1	.2	.0	3.2	1.9	1.2	1.0	4.0	27.2	12.8	6.2	6.1	3.2	1.0	.7	.7	.5	.7	.9	.5	24	27.2
23	.4	.7	.5	.3	.3	.3	.3	.4	.2	.3	.5	.3	.8	1.2	13.4	10.6	2.2	1.4	.7	.7	.9	2.1	1.6	.4	24	13.4
24	.2	.3	.2	.3	.1	.2	.1	1.2	3.4	2.1	1.3	2.6	1.5	1.6	.9	.7	1.8	1.3	.9	.7	.8	7.1	3.9	1.3	24	7.1
25	.8	.6	.5	.4	.4	.5	.6	1.6	1.2	1.0	2.3	6.4	26.1	49.2	4.9	2.6	3.2	1.6	7.4	9.8	5.7	.9	1.2	.7	24	49.2
26	.6	.4	.3	.3	.2	.2	.2	.5	2.8	1.3	.8	.6	.6	.3	.4	.5	.3	.1	.0	.1	.0	.0	.0	.0	24	2.8
27	-.2	-.1	.0	-.2	-.2	-.2	-.1	.0	.0	-.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	24	.1
28	.1	.2	-.2	.0	.0	.1	.2	1.9	.6	-.1	-.1	-.1	.2	.2	.3	.3	.3	.2	.3	-.1	-.1	.2	.2	.2	24	1.9
29	.3	.2	-.1	.0	.2	.1	.0	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	24	.3
30	.3	.3	.3	.2	.2	.2	.2	.3	.5	13.8	12.2	1.7	27.5	14.9	6.1	11.8	1.1	.5	.5	.5	.4	.2	.3	.5	24	27.5
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.3	.8	.7	.7	.7	.6	1.2	3.2	6.1	44.8	12.2	32.6	27.5	49.2	19.5	46.2	10.4	4.9	7.4	9.8	5.7	8.5	3.9	1.3		
AVG:	.21	.18	.13	.12	.14	.17	.23	.86	1.07	3.71	1.53	2.55	5.04	5.01	2.73	3.45	1.34	.66	.54	.55	.42	.70	.44	.22		

MONTHLY OBSERVATIONS: 720 MONTHLY MEAN: 1.33 MONTHLY MAX: 49.2

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: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: OCTOBER 2017

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.7	.5	.5	.5	.4	.3	.2	2.9	9.0	48.7	57.6	38.4	12.9	5.9	1.3	.9	1.0	.9	.7	.4	5.7	4.4	.6	.4	24	57.6
2	.5	.4	.5	.5	.6	.9	1.2	2.6	4.1	34.6	40.2	34.8	8.2	8.5	2.2	1.6	.5	.4	.4	.5	.3	.3	.8	.7	24	40.2
3	2.1	1.7	.9	.6	2.1	3.1	3.1	10.0	2.6	2.0	4.7	3.1	2.1	.4	.1	.0	.0	1.2	1.0	3.0	.7	.0	-.3	-.1	24	10.0
4	-.3	.0	.0	-.1	-.1	.0	.0	.0	-.2	-.2	-.1	-.1	-.3	-.1	-.1	-.1	.0	.2	.0	-.1	.0	.0	.0	.1	24	.2
5	.0	.1	.0	-.1	-.2	.0	.0	.2	.5	.1	.0	-.2	-.1	.0	.0	.0	-.1	-.2	-.3	-.4	-.4	-.4	.0	.2	24	.5
6	.0	.0	-.2	.0	.2	.1	.1	.2	1.0	1.2	.6	.3	.3	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.2	24	1.2
7	.1	.1	5.1	4.0	.8	1.1	27.1	56.6	66.4	50.1	34.0	25.0	3.5	1.1	6.3	13.3	63.7	6.7	2.4	.3	.0	-.1	-.3	-.3	24	66.4
8	-.3	-.2	-.2	-.2	-.3	-.3	-.1	.1	.2	2.1	20.6	1.1	1.3	6.3	13.4	16.0	5.7	.1	.1	.1	.1	-.3	-.3	-.2	24	20.6
9	-.3	-.3	-.4	-.5	-.4	-.2	.0	-.3	.2	.5	.1	.5	.1	.7	.0	.3	.0	.1	.3	-.1	-.1	-.2	-.3	-.3	24	.7
10	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	.2	1.0	.9	.5	.9	.7	.6	.3	.2	.2	.1	.2	-.2	.0	-.2	-.2	24	1.0
11	.0	-.3	-.1	-.2	-.2	-.3	-.3	-.3	.0	.0	.7	.5	.4	.3	.1	.0	.1	-.3	-.3	.0	-.2	-.3	-.2	.0	24	.7
12	-.2	-.2	-.1	.1	.1	-.3	-.4	-.2	-.3	-.2	.2	.1	.1	.0	.0	.1	-.3	.0	.0	-.2	-.3	-.4	-.3	-.2	24	.2
13	.3	.4	.0	-.1	-.1	-.2	.2	.4	.3	.2	.0	-.1	.0	.2	1.1	.4	.2	.1	.0	.2	.1	.1	-.2	.2	24	1.1
14	.3	.2	.2	.2	.2	.1	.2	.2	.2	.2	.1	.1	.0	-.2	.0	.0	-.4	-.1	.1	-.3	-.3	-.2	.1	.1	24	.3
15	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.1	.1	.2	.2	.1	.1	.2	.2	.2	.2	24	.2
16	.3	.2	.3	.3	.2	.2	.4	.5	.5	.5	.6	.5	.4	.5	.3	.4	.3	.3	.3	.3	.2	.3	.3	.3	24	.6
17	.3	.4	.4	.3	.2	.3	.3	.4	.5	.4	.4	.5	.8	.5	.5	.6	.5	.2	.2	.2	.2	.1	.2	.2	24	.8
18	.1	.2	.1	.1	.2	.2	.0	.5	2.0	2.2	1.8	2.4	2.3	1.6	.6	.6	.6	.4	.3	.3	.3	.3	.3	.3	24	2.4
19	.4	.2	.5	.3	.1	.3	1.0	.9	1.1	1.0	.7	4.0	.8	.3	.3	.3	1.4	1.4	1.3	.2	.0	.0	.0	-.1	24	4.0
20	-.1	.0	.0	.0	-.1	.0	.0	.2	.3	.3	1.3	3.1	3.9	7.4	19.6	53.2	17.5	1.1	.6	.3	.1	6.7	22.3	6.7	24	53.2
21	8.8	6.8	9.0	25.9	22.5	45.9	18.7	4.0	33.7	56.2	21.0	9.0	6.5	1.3	33.7	1.6	.6	.3	.2	.1	.0	.0	.2	.4	24	56.2
22	.1	.1	.3	.2	.2	.2	.4	.7	.4	.3	.2	.1	.2	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	24	.7
23	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.9	.9	.8	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	24	.9
24	.1	.0	-.1	-.2	-.2	-.3	.0	.2	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	-.2	.0	.0	.1	.1	.0	24	.2
25	.1	.0	-.2	-.2	.0	-.1	-.1	.0	.2	.4	.3	.1	-.1	.2	.2	.1	.1	.2	.0	.1	.1	.1	.1	.1	24	.4
26	.1	.0	.0	.0	.2	.2	.2	.3	.6	1.3	2.2	2.3 2	2.2 2	1.7 2	1.5 2	.6 2	.5 2	.2 2	.5 2	.5 2	.2 2	.3 2	.3 2	.3 2	24	2.3
27	.3 2	.4 2	.2 2	.2 2	.2 2	-.1 2	.0 2	.2 2	.3 2	.3 2	.2 2	.2 2	.3 2	.2 2	.0	.0	.3	.2	.0	.2	.3	.4	.3	.3	24	.4
28	.3	.3	.4	.4	.3	.4	.4	.3	.3	.4	.4	.4	.1	.4	.4	.2	.4	.3	.4	.2	.2	.3	.3	.3	24	.4
29	.3	.3	.3	.3	.1	.3	.2	.0	.7	1.7	2.1	1.4	9.0	1.1	4.9	1.5	8.4	4.0	1.7	.8	.6	.2	.0	.0	24	9.0
30	.5	.5	.4	.4	.3	.4	.3	.3	.6	.6	.7	.7	.6	.5	.5	.4	.4	.5	.4	.3	.4	.4	.4	.4	24	.7
31	.5	.4	.5	.5	.5	.5	.5	.5	.5	.5	.6	.4	.5	.5	.4	.4	.4	.2	.3	.4	.4	.4	.4	1.0	24	1.0
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	8.8	6.8	9.0	25.9	22.5	45.9	27.1	56.6	66.4	56.2	57.6	38.4	12.9	8.5	33.7	53.2	63.7	6.7	2.4	3.0	5.7	6.7	22.3	6.7		
AVG:	.48	.39	.59	1.07	.89	1.70	1.73	2.63	4.07	6.67	6.21	4.20	1.87	1.33	2.85	3.01	3.31	.62	.35	.25	.28	.41	.80	.35		

MONTHLY OBSERVATIONS: 744 MONTHLY MEAN: 1.92 MONTHLY MAX: 66.4

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: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: NOVEMBER 2017

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.8	.4	.6	.6	.5	.5	.5	.6	1.3	12.0	21.3	23.0	41.3	6.1	1.8	1.7	1.2	.8	.3	.4	.5	.5	.5	.4	24	41.3
2	.4	.5	.3	.3	.3	.3	.1	.3	.4	.4	.4	.4	.4	.5	.4	.5	.4	.4	.3	.4	.3	.3	.4	.4	24	.5
3	.1	.2	.4	.2	.4	.5	.3	.4	.5	.4	.4	.7	.5	.4	.5	.4	.5	.4	.4	.4	.4	.4	.2	.5	24	.7
4	.4	.4	.3	.5	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.4	.3	.3	.4	24	.5
5	.4	.5	.4	.4	.3	.3	.3	.3	.4	.4	.4	.4	.3	.4	.4	.3	.3	.3	.3	.4	.3	.4	.4	.4	24	.5
6	.4	.4	.4	.4	.4	.4	.4	.5	.5	.4	.5	.5	.5	.5	.6	.7	.6	.5	.5	.5	.5	.5	.6	.5	24	.7
7	.5	.5	.5	.5	.5	.5	.6	.5	.5	.6	.5	.7	.6	.6	.7	.6	.5	.5	.6	.6	.5	.5	.5	.7	24	.7
8	.5	.5	.6	.5	.6	.2	.2	.1	.2	.2	.5	.3	.0	.3	.0	.0	.0	.2	.5	.5	.5	.5	.5	.4	24	.6
9	.4	.4	.2	.1	.4	.4	.4	.4	.4	.5	.3	.4	.2	.4	.1	.1	.0	.1	.0	.0	.0	.5	.5	.5	24	.5
10	.7	.5	.3	.3	.5	.3	.3	.4	.4	.4	.3	.4	.4	.5	.1	.1	.4	.5	.5	.5	.5	.5	.5	.5	24	.7
11	.5	.5	20.8	48.3	26.4	70.3	69.0	P76.6	64.2	68.0	54.1	38.0	47.2	19.4	25.2	7.8	5.4	5.3	2.6	1.5	1.0	.8	.7	.6	24	76.6
12	1.0	1.1	.6	.8	.7	.4	.5	.7	1.0	1.3	1.9	1.8	1.0	.7	.9	1.0	1.0	.8	.5	.2	.3	.3	.3	.5	24	1.9
13	.2	.1	.3	.3	.4	.4	.5	.5	.7	.9	.8	.7	.7	.8	.6	.5	.4	.4	.4	.4	.3	.4	.3	.3	24	.9
14	.4	.3	.4	.4	.3	2.3	2.1	1.0	1.7	2.9	2.0	1.7	2.2	22.3	4.8	5.2	28.1	33.9	38.0	3.4	3.9	3.2	2.9	3.7	24	38.0
15	11.3	11.7	5.3	1.9	1.3	.8	.7	.5	.4	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.3	24	11.7
16	.2	.3	.3	.2	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	-.2	-.1	-.1	.1	.0	-.1	24	.3
17	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.1	.0	13.1	2.2	1.2	.8	.4	.7	5.2	17.2	2.4	.9	.6	.5	.5	.4	.5	24	17.2
18	.4	.3	.3	.4	.4	.4	.4	.1	.0	-.1	-.2	-.1	-.1	-.2	-.1	-.1	.0	.4	.3	.3	-.1	-.2	-.3	-.2	24	.4
19	-.2	.1	.0	.1	.0	-.2	-.1	.1	.3	.3	.3	.2	.1	.2	-.1	.2	.4	.0	.0	.0	.0	.0	-.1	.0	24	.4
20	.0	.4	.0	.0	.0	.0	.3	.2	.2	.1	.1	.8	2.8	1.9	5.9	12.2	1.9	1.2	.9	.8	.7	.6	.5	.4	24	12.2
21	.1	.0	.0	.1	.2	.3	.0	.2	.3	.2	.3	.4	.3	.2	.1	BF	BF	-.1	.0	.0	.1	-.1	.0	BD	21	.4
22	.0	.0	.0	.1	.4	.1	.4	.5	.5	.6	BF	BF	BF	BF	.0	-.2	.0	.1	.5	.4	.0	-.1	.0	.0	20	.6
23	-.1	.0	.0	-.3	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	-.4	-.3	.7	-.4	-.1	-.3	-.1	-.2	-.2	-.3	24	.7
24	-.3	-.3	-.3	-.4	-.4	-.3	-.3	-.2	-.3	-.1	.1	.2	.2	.2	.3	.2	.2	.3	.3	.3	.0	-.1	-.2	-.1	24	.3
25	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	.0	.0	24	0.0
26	.0	-.1	-.1	-.1	.0	-.4	-.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.0	.1	.3	.1	.0	.0	24	1.0
27	-.2	-.1	-.1	-.1	.0	-.1	.0	.1	.1	1.6	.3	.0	.0	.3	.6	.2	.0	.2	.4	.9	4.7	31.3	32.6	.5	24	32.6
28	.1	.1	.1	.0	-.1	.1	.1	.5	.7	.2	.2	.0	.0	.0	-.1	-.1	.0	.2	-.1	.0	.2	.0	-.4	-.4	24	.7
29	-.2	-.2	-.5	-.4	-.6	-.4	-.1	.0	.0	.3	.4	.0	.3	1.2	.8	.2	.0	.0	16.3	2.8	3.3	30.3	10.8	1.5	24	30.3
30	5.1	.4	.2	.0	.0	-.1	-.1	-.2	-.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.5	.7	1.0	1.8	1.1	.4	24	5.1
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	29	29	29	30	29	29	30	30	30	30	30	30	29		
MAX:	11.3	11.7	20.8	48.3	26.4	70.3	69.0	76.6	64.2	68.0	54.1	38.0	47.2	22.3	25.2	12.2	28.1	33.9	38.0	3.4	4.7	31.3	32.6	3.7		
AVG:	.75	.62	1.03	1.82	1.11	2.58	2.55	2.82	2.51	3.53	3.04	2.51	3.47	2.00	1.49	1.28	2.07	1.65	2.20	.54	.67	2.45	1.77	.42		

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

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: 1.87 MONTHLY MAX: 76.6

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: DECEMBER 2017

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.3	.3	.3	.0	.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	-.1	.1	3.7	2.3	1.0	1.3	1.8	.0	.0	.0	24	3.7
2	.1	.0	9.6	8.2	.0	.3	.3	.2	.2	.3	.2	.1	.2	.2	.2	.4	.5	.5	.4	1.8	3.2	1.1	1.5	.6	24	9.6
3	.6	.4	.2	.2	.1	-.3	-.4	-.1	.0	.1	2.1	7.3	6.3	16.3	13.7	.3	.5	.3	.3	.5	.7	.5	.6	.6	24	16.3
4	.8	1.2	.8	.8	8.1	15.7	8.8	.5	4.7	34.2	45.8	17.6	15.7	2.5	1.9	4.3	9.4	25.1	62.0	73.7	51.4	67.1	5.7	.0	24	73.7
5	-.2	-.3	-.3	-.4	-.4	-.4	-.5	-.4	-.3	-.3	-.3	-.2	-.2	-.1	-.2	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.2	24	-.1
6	-.1	-.1	-.1	-.1	-.1	.0	.1	.3	.4	.1	.0	-.4	-.4	-.2	-.2	-.4	-.6	-.6	-.5	-.6	-.6	-.5	-.4	-.5	24	.4
7	-.5	-.5	-.5	-.5	-.5	-.6	-.4	-.5	-.5	-.5	-.5	-.4	-.4	.0	.2	.2	.1	.1	.0	-.2	.0	.0	-.2	.0	24	.2
8	-.1	-.1	.0	.0	.0	.1	.4	.2	.1	.1	.1	.0	.0	.0	.0	-.2	-.1	-.3	-.4	.2	-.1	-.3	-.3	.2	24	.4
9	-.2	-.1	-.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.6	.1	.1	24	.6
10	.4	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	24	.4
11	.1	.0	.0	.0	.2	.4	.3	.4	1.7	.5	.4	.9	1.8	.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	24	1.8
12	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	-.1	.2	.0	-.1	-.2	-.2	.6	.6	24	.6
13	.4	1.1	.3	.0	-.1	.0	.0	.1	.0	.7	.5	1.6	.2	.2	-.1	.0	-.1	.2	.0	-.3	-.2	-.2	-.1	-.1	24	1.6
14	-.4	-.3	-.2	-.1	-.1	-.2	-.1	-.2	.0	-.1	.1	.1	.2	.2	.1	.2	.1	.2	.3	.1	.2	-.3	-.3	-.4	24	.3
15	.0	.2	.0	.3	.4	.2	.3	.0	-.3	-.2	-.3	-.4	-.3	-.2	-.3	-.4	.0	.0	-.1	-.1	.0	.0	-.1	-.1	24	.4
16	.1	.0	-.1	.0	.0	-.1	-.2	-.2	-.3	-.4	-.4	.0	.1	.5	1.2	.1	.0	.0	-.2	-.1	-.1	-.1	-.1	.0	24	1.2
17	.1	.3	.2	.2	.2	.1	-.2	-.3	-.2	.0	-.1	-.1	-.1	.0	-.2	-.1	-.3	-.4	.0	-.4	-.4	-.1	.0	-.3	24	.3
18	-.2	-.5	-.1	-.3	-.3	-.5	.3	-.3	-.1	-.1	-.1	-.2	-.2	-.3	-.2	-.1	-.1	-.3	-.3	-.5	-.2	-.2	-.2	-.1	24	.3
19	.0	-.2	-.3	-.1	-.4	-.1	1.2	.0	.7	.3	.0	.1	.0	.0	.0	-.2	-.5	-.5	-.5	-.4	-.2	-.1	.0	.1	24	1.2
20	-.1	-.2	-.2	-.1	-.1	-.1	-.3	-.3	.0	.0	.1	.0	-.1	-.2	-.3	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	24	.1
21	.0	-.1	-.1	-.1	-.2	.0	.0	-.2	.0	.3	.2	.4	.0	.0	-.2	.0	-.2	.1	.1	.1	.1	.1	.1	.1	24	.4
22	.1	.1	.0	.0	-.1	-.2	-.4	-.4	-.4	-.3	-.2	-.1	-.1	.0	.0	-.1	-.2	-.3	-.2	.0	-.1	-.1	-.1	.0	24	.1
23	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.3	.4	.0	24	.4
24	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.1	.1	.1	24	.2
25	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.3	.2	.2	.2	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	24	.3
26	.1	.3	.4	.6	.3	.5	.2	.2	.3	.3	.3	.2	.2	.2	.3	.3	.3	.3	.1	.1	.2	.2	.2	.3	24	.6
27	.2	.1	.3	.2	.2	.2	.3	.5	.8	.6	.6	.7	.6	.5	.6	.6	.5	.3	.3	.4	.2	.1	.2	.1	24	.8
28	.5	.6	.5	.6	.6	.5	.5	.5	.5	1.1	1.4	1.1	6.5	1.1	.9	.9	4.0	.6	.4	.5	.4	.4	.4	.5	24	6.5
29	.5	.5	.7	.4	.3	.3	.3	.3	.6	.6	.6	.5	.6	.6	.3	.4	.5	.4	.4	.5	.5	.5	.6	.7	24	.7
30	.6	.6	.5	.5	.3	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.4	.4	.4	.2	.3	.2	.1	.2	24	.6
31	.2	.3	.3	.2	.3	.3	.3	.3	.4	.4	.4	.3	.2	.0	.3	.0	.6	.4	.3	.4	.3	.4	.2	.1	24	.6
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.8	1.2	9.6	8.2	8.1	15.7	8.8	.5	4.7	34.2	45.8	17.6	15.7	16.3	13.7	4.3	9.4	25.1	62.0	73.7	51.4	67.1	5.7	.7		
AVG:	.10	.12	.38	.34	.29	.53	.36	.02	.28	1.23	1.66	.95	1.01	.72	.60	.22	.59	.93	2.06	2.49	1.84	2.23	.28	.08		

MONTHLY OBSERVATIONS: 744 MONTHLY MEAN: .80 MONTHLY MAX: 73.7

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: JANUARY 2018

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	.4	.5	.4	.4	.4	.5	.4	.5	.6	.5	.6	.5	.8	.7	.7	.8	1.0	.7	.6	.6	1.2	1.3	.7	24	1.3
2	.6	.7	.6	.8	.9	1.0	1.0	.8	.6	.6	.6	.5	.4	.3	.2	.4	.5	.6	.5	.5	.2	.2	.6	.6	24	1.0
3	.7	.6	.4	.5	.6	.5	.4	.4	.5	.5	.5	.5	.5	.4	.4	.3	.3	.4	.3	.3	.2	.2	.2	.4	24	.7
4	.4	.3	.3	.3	.3	.3	.4	.4	.4	.5	.4	.4	.4	.2	.3	.3	.4	.4	.5	.3	.3	.2	.3	.3	24	.5
5	.4	.2	.3	.3	.3	.2	.2	.4	.2	.3	.3	.4	.4	.4	.4	.5	.5	.6	.5	.5	.6	.5	.4	.4	24	.6
6	.3	.4	.3	.4	.4	.4	.4	.4	.4	.5	.5	.5	.4	3.2	.6	.6	1.7	.7	2.6	1.6	.6	1.2	2.5	2.7	24	3.2
7	2.0	2.0	1.5	1.9	.9	.6	.9	.7	1.0	1.3	1.6	1.8	1.8	1.8	1.5	1.4	1.3	1.2	1.2	1.1	.8	.7	.6	.6	24	2.0
8	.7	.5	.5	.4	.3	.2	.3	.3	.4	.7	.7	.9	.8	.7	.6	.8	.9	.7	.5	.5	1.4	1.3	1.0	.4	24	1.4
9	.4	.3	.1	.1	.0	.1	.1	.3	.2	.2	.2	.8	1.3	1.8	2.2	1.1	.7	.1	.0	.0	-.1	-.3	.1	-.3	24	2.2
10	-.4	-.3	-.3	18.0	41.5	29.6	14.3	7.5	16.2	3.8	1.0	1.1	.7	.3	.0	.0	.3	.3	.1	.0	-.4	-.2	-.4	AV	23	41.5
11	AV	.1	.2	.9	.4	.2	.5	.3	.4	.2	.1	-.1	-.1	-.1	-.1	.0	-.7	-.4	-.2	-.2	-.2	-.1	-.1	-.3	23	.9
12	-.3	-.3	-.2	-.1	-.1	-.2	.0	-.2	-.1	-.4	-.2	-.1	.0	-.1	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	24	0.0
13	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.2	.2	.1	.1	.2	.1	.2	.4	.5	.5	.2	.1	.2	24	.5
14	.3	.2	.1	.2	.2	.2	.2	.2	2.1	4.6	.5	1.2	4.4	3.9	6.4	18.2	50.4	27.8	5.8	4.8	2.1	1.9	1.0	1.0	24	50.4
15	.6	.5	.5	.5	.5	.5	.5	.6	.7	1.0	1.5	1.4	1.3	1.2	.8	.8	.6	.5	.6	.5	.4	.2	.2	.2	24	1.5
16	.2	.2	.2	.2	.2	.2	.2	.2	.2	.5	.4	.4	.3	.3	.4	.4	.3	.6	.4	.3	.2	.4	.3	.1	24	.6
17	.0	.1	.1	.3	.4	.5	.4	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.2	.3	.3	.2	.3	.2	.3	24	.5
18	.2	.2	.3	.2	.2	.2	.2	.4	.4	.4	.3	.3	.4	.4	.4	.4	.3	.2	.1	.2	.2	.1	.0	.1	24	.4
19	.3	.2	.2	.2	.2	.1	.0	.1	.1	.1	.4	.4	.3	.2	.9	1.1	1.6	.5	.4	.2	.2	.2	.2	.2	24	1.6
20	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.5	.2	.2	4.2	.5	.4	.2	.0	.0	.1	.2	.2	.2	24	4.2
21	.3	.1	.2	.0	.1	.2	.2	.2	.2	.0	-.2	-.1	8.0	3.4	.9	3.5	1.7	.1	.0	.0	-.2	-.2	-.2	-.3	24	8.0
22	-.2	-.2	-.3	-.3	-.3	-.2	-.1	.0	.0	-.3	-.4	.0	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.3	24	0.0
23	-.3	-.4	-.4	-.4	-.4	-.5	-.2	-.4	-.4	-.5	-.4	-.3	-.3	-.2	-.3	-.3	-.2	-.4	-.4	-.2	-.1	-.1	-.1	.0	24	0.0
24	.0	.1	.0	.0	.0	-.1	.0	.0	.0	.2	.3	1.0	.8	.2	-.2	-.2	.0	-.1	-.1	-.2	-.1	-.1	.0	.2	24	1.0
25	.1	.2	.1	.1	.0	.1	.0	1.0	1.2	5.7	23.7	2.7	.9	.5	.5	.7	.9	.7	.7	.6	.5	.3	.2	.2	24	23.7
26	.1	.0	.0	.1	.0	.0	.2	.1	.9	.9	1.2	2.9	4.4	4.8	10.7	49.3	34.7	2.6	2.6	3.6	4.6	1.1	.7	.5	24	49.3
27	.4	.3	.2	.2	.1	.2	.2	.2	.2	.2	.1	.1	.1	.2	.2	.3	.4	.4	.3	.2	.1	.1	.1	.0	24	.4
28	.1	.1	.0	.0	.0	.1	.0	.0	.1	.3	.1	.0	.0	.2	.4	.2	.1	.3	.2	.1	.0	.0	.4	.4	24	.4
29	.2	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	-.1	-.1	.1	.0	.1	.0	.1	.1	.2	.3	.2	.2	.1	24	.3
30	.1	.2	.2	.2	.2	.2	.2	.3	.4	1.4	2.0	2.6	1.1	.6	22.3	5.8	3.9	2.4	.5	.5	1.2	55.8	16.3	P126.	24	126.3
31	P101.	32.6	14.3	6.7	1.9	.7	.7	.7	.8	.7	.8	.8	.6	.5	.4	.3	.4	.5	.4	.3	.4	.2	.1	.4	24	101.8
NO.:	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30		
MAX:	101.8	32.6	14.3	18.0	41.5	29.6	14.3	7.5	16.2	5.7	23.7	2.9	8.0	4.8	22.3	49.3	50.4	27.8	5.8	4.8	4.6	55.8	16.3	126.3		
AVG:	3.65	1.27	.65	1.04	1.59	1.15	.70	.50	.90	.79	1.21	.70	.97	.86	1.78	2.83	3.31	1.37	.61	.55	.47	2.12	.85	4.51		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: 1.42 MONTHLY MAX: 126.3

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: FEBRUARY 2018

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	.3	.2	.2	.2	.2	.1	.3	.4	.4	.3	.3	.2	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.2	24	.4
2	.3	.1	.2	.3	.3	.2	.2	.3	.3	.3	.5	.5	.4	.3	.2	.4	.4	.2	.2	.2	.4	.4	.3	.4	24	.5
3	.3	.3	.3	1.4	1.7	.4	.3	.4	.4	.8	.6	11.0	8.7	33.2	1.7	1.0	.7	.5	.3	.6	.6	.3	.3	.3	24	33.2
4	.2	.2	.2	.2	.2	.2	.2	.3	.3	.4	.3	.3	.2	.2	.2	.1	.3	.2	.4	.3	.1	.4	.1	.0	24	.4
5	.4	.5	.2	.3	.3	.3	.3	.4	.3	.3	.3	.3	.4	.3	.4	.5	.4	.3	.3	.2	.3	.3	.2	.2	24	.5
6	.3	.2	.3	.2	.2	.2	.2	.3	.3	.1	.4	.4				.5	.6	.4	.4	.5	.4	.4	.3	.3	21	.6
7	.6	.1	.0	.4	.6	.5	.6	.6	.7	.6	.7	.7	.6	.6	.6	.6	.3	.5	.4	.3	.5	.9	.5	.0	24	.9
8	.2	.1	.2	.0	.1	.0	-.1	.0	.6			.4	.3	.0	.4	.1	.6	.5	.1	.1	.2	.4	.4	.0	22	.6
9	.0	.2	.4	.2	-.1	.3	.2	.2	.3	.4	.2	.2	.1	.3	.3	.3	.3	.4	.5	.4	.5	.7	.7	.5	24	.7
10	.5	.5	.5	.3	.3	.2	.3	.7	1.2	.5	.4	.1	.4	.3	.6	.4	.4	.5	.4	.2	.5	.6	.7	.7	24	1.2
11	.7	.7	.7	.7	.7	.3	.0	.0	.4	.6	.2	.2	.0	.4	.7	.5	.1	.3	.7	1.3	.9	.5	.7	.9	24	1.3
12	.7	.7	.9	.5	.5	.2	.6	.6	.7	.5	.5	.3	.2	.2	.2	.5	.8	.7	.6	.6	.9	.6	.6	.3	24	.9
13	.3	.2	.4	.3	.0	.0	.0	.1	6.9	.6	9.4	8.2	1.9	.8	12.2	7.2	15.1	1.3	7.5	11.1	.4	.2	.1	.1	24	15.1
14	.0	.0	.1	.5	.1	.1	.4	.4	.4	.7	.8	.7	.7	.8	.8	.5	.5	.3	.1	.4	.4	.3	.2	.1	24	.8
15	.2	.1	.0	.0	.0	.0	.0	.1	.1	.3	.4	.4	.3	.3	.3	.2	.2	.2	.2	.1	.0	.0	.0	-.2	24	.4
16	.0	-.1	-.1	-.3	.0	.0	.0	-.1	.0	-.3	-.2	.0	.1	.3	.2	.1	-.2	.0	.0	-.1	.0	.1	.2	.1	24	.3
17	.1	.2	.1	.1	.1	.1	.3	.2	.3	.3	.4	.3	.3	.4	.3	.2	.0	.1	.1	.1	.1	.2	.1	.2	24	.4
18	.2	.3	.2	.2	.2	.2	.2	.2	.2	.3	1.5	.9	38.8	P78.0	55.7	1.2	.6	.1	1.6	4.7	.9	34.3	20.2	.9	24	78.0
19	.2	.2	1.5	1.6	.8	.7	.4	.2	.2	.8	1.8	2.1	.8	.7	.5	.3	.3	.1	.0	.0	.1	.1	.0	.0	24	2.1
20	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	.0	-.3	-.2	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.1	24	.1
21	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.1	.1	.1	.2	.3	.4	.3	.4	.5	.1	.1	.2	.2	24	.5
22	.1	.0	.2	.3	.3	.3	.4	.8	2.0	3.0				.7	1.3	.9	.4	.3	.2	.1	.1	.0	-.1	.0	21	3.0
23	.1	.1	.1	.0	1.8	10.1	.9	.3	.1	.1	1.0				.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	21	10.1
24	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	24	.2
25	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.4
26	.0	.0	-.3	-.2	-.1	-.1	.0	-.3	.0	.0	.1	.1	.3	.2	.2	.0	.1	.1	.1	.0	.0	.0	.0	.0	24	.3
27	-.2	-.3	-.3	-.3	-.4	-.3	.0	.1	.2		.5	.5	.4	.7	.4	14.4	6.1	.7	.2	.1	.1	.1	.2	.2	23	14.4
28	.1	-.1	-.1	-.3	-.2	-.1	-.1	-.1	.0	.4	.7	.4	.5	1.1	1.0	.2	.3	.0	-.1	-.2	-.2	-.2	-.2	-.6	24	1.1
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	26	26	26	25	26	27	28	28	28	28	28	28	28	28	28		
MAX:	.7	.7	1.5	1.6	1.8	10.1	.9	.8	6.9	3.0	9.4	11.0	38.8	78.0	55.7	14.4	15.1	1.3	7.5	11.1	.9	34.3	20.2	.9		
AVG:	.20	.18	.21	.24	.27	.50	.19	.21	.59	.42	.81	1.09	2.22	4.61	2.93	1.09	1.03	.29	.53	.78	.26	1.46	.93	.18		

MONTHLY OBSERVATIONS: 660 MONTHLY MEAN: .86 MONTHLY MAX: 78.0

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: MARCH 2018

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	-.5	.3	.4	.6	.4	.2	.1	.1	.0	.1	-.2	-.5	-.5	-.5	-.6	-.6	-.6	-.7	-.7	-.7	-.6	-.7	-.7	24	.6
2	-.7	-.6	-.6	-.6	-.6	-.6	-.5	-.4	.2	-.1	-.3	-.3	-.3	-.4	-.1	-.1	-.3	.0	.0	-.5	-.6	-.6	-.6	-.5	24	.2
3	-.5	-.5	-.4	-.6	-.5	-.3	-.4	-.5	-.3	-.1	-.2	-.3	-.4	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.5	-.4	-.4	-.4	24	-.1
4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.3	-.3	-.3	-.4	-.2	-.3	-.3	-.2	.0	.3	.1	-.3	-.4	-.4	-.3	-.1	24	.3
5	-.2	-.3	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	-.2	-.3	-.1	-.1	-.3	-.3	-.4	-.4	-.3	-.2	-.4	-.3	-.5	24	0.0
6	-.5	-.4	-.1	-.3	-.1	-.2	-.4	-.5	-.5	-.5	-.3	-.3	-.4	-.4	-.4	-.5	-.3	-.5	-.4	-.4	-.5	-.4	-.4	-.5	24	-.1
7	-.4	-.4	-.3	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.2	-.2	.0	.1	.1	.1	-.1	-.2	-.2	-.3	-.3	24	.1
8	-.3	-.3	-.2	.0	.0	.0	.0	.0	.1	.0	.2	.2	.0	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.2	24	.2
9	.1	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	1.3	8.7	4.1	.8	.2	24	8.7
10	.0	.2	.2	.2	.0	.1	.0	.3	.2	.0	.0	.0	.2	2.5	4.7	.2	.3	.5	.2	.0	.0	.0	.0	.0	24	4.7
11	.0	.0	.1	.1	.1	.1	.1	.2	6.2	14.8	2.0	23.7	.3	.2	.1	.2	.2	.3	.3	.2	.3	.1	.1	.1	24	23.7
12	.1	.0	.0	.1	.0	.1	.0	.2	.1	.1	.0	.1	.1	.0	.0	.0	-.1	.1	-.1	.0	.0	.0	.1	.0	24	.2
13	.1	.1	.0	.1	.1	.0	.1	.1	.1	.1	.0	.1	.1	.2	.1	.1	.0	.1	.1	.0	.1	.0	.0	.0	24	.2
14	.0	.0	.0	.0	.1	.0	.1	.3	.3	.1	.2	.2	.0	.0	.2	.4	.5	.3	.4	.3	.1	.1	.0	.0	24	.5
15	.0	.0	.0	-.1	-.1	.0	.0	.1	.3	.2	.0	.1	.0	.0	.1	.0	.0	-.1	.0	.2	.0	-.1	-.2	-.1	24	.3
16	-.2	.0	.0	.1	.0	.0	.1	.2	.4	.1	-.1	.7	3.3	5.5	1.4	21.4	7.0	.1	-.2	-.2	-.1	1.2	1.4	.2	24	21.4
17	.0	.0	.0	-.1	.0	-.2	.0	.6	.7	1.2	.7	-.1	.3	.1	-.2	-.1	5.5	3.6	1.9	.7	1.3	.2	.6	.5	24	5.5
18	.4	.4	.2	.3	.0	.1	.1	.8	.5	.4	1.1	42.6	9.1	9.3	23.8	11.6	9.2	.9	.5	.7	.4	.3	.3	.3	24	42.6
19	.3	.2	.3	.5	.6	.9	1.8	2.2	1.2	.7	.8	.9	1.1	1.2	.8	.9	1.3	.4	.2	.1	.3	1.2	1.1	.7	24	2.2
20	.7	.7	.5	.7	.6	.4	1.1	1.5	1.9	1.8	1.2	1.3	1.4	.9	.3	.4	.3	.2	.1	.4	.4	.6	1.0	.2	24	1.9
21	.1	.3	.3	.2	.3	.3	.2	.3	.3	.2	.2	.8	1.2	.9	.6	.3	.3	.8	1.1	.2	.1	.0	.0	.0	24	1.2
22	.1	.0	.0	.0	.0	.1	.2	.5	3.0	2.0	.3	.4	.7	.6	.5	.5	.3	.2	.3	.8	4.7	4.2	.5	.2	24	4.7
23	.1	.1	.0	.1	.0	.0	.2	.2	1.7	1.4	1.0	.4	.7	.2	.0	-.1	.3	.3	.3	.3	.3	.2	.2	.2	24	1.7
24	.2	.3	.6	.6	.4	.4	.3	.4	.5	.1	-.1	.0	-.2	.7	.9	.8	.7	.7	.5	.3	.3	.0	.0	.0	24	.9
25	.1	.0	.2	.0	-.3	.0	.0	.4	.5	.6	.1	.4	.4	.5	.3	.3	.3	.0	.0	-.2	-.3	-.2	-.2	-.4	24	.6
26	-.4	-.5	-.4	-.3	-.3	-.3	.0	.1	.3	.7	.6	.4	AT	AT	AT	1.3	2.8	2.1	1.7	.5	.1	.1	.1	.2	21	2.8
27	-.1	-.3	-.3	-.3	-.1	-.3	BF	.0	AZ	AZ	AZ	.9	.6	.5	.5	.4	.4	.3	.3	.3	.2	.3	.3	.3	20	.9
28	.1	.2	.1	.0	.0	.1	.0	.3	13.8	13.8	1.2	1.0	.9	.6	4.2	2.6	6.8	14.1	.8	.9	.9	5.0	1.4	.9	24	14.1
29	.6	.4	.3	.3	.4	.5	.4	.7	.4	.4	.2	.1	.1	.2	.3	.4	.7	.2	.3	.3	.0	.2	.3	.4	24	.7
30	.3	.2	.1	.0	.0	.0	.4	.3	.1	4.5	5.6	4.5	2.8	1.5	1.0	.4	.1	.0	.0	.0	.0	.0	.1	.1	24	5.6
31	.3	.0	.0	.0	.0	.7	8.3	31.3	4.2	.4	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	31.3
NO.:	31	31	31	31	31	31	30	31	30	30	30	31	30	30	30	31	31	31	31	31	31	31	31	31		
MAX:	.7	.7	.6	.7	.6	.9	8.3	31.3	13.8	14.8	5.6	42.6	9.1	9.3	23.8	21.4	9.2	14.1	1.9	1.3	8.7	5.0	1.4	.9		
AVG:	-.02	-.04	.02	.03	.03	.06	.39	1.26	1.20	1.42	.48	2.49	.70	.78	1.25	1.28	1.14	.76	.23	.15	.47	.47	.16	.04		

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: .61 MONTHLY MAX: 42.6

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: APRIL 2018

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	.1	.4	.3	.2	.4	.5	.5	.5	.6	.4	.4	.4	.3	.4	.2	.1	24	.6
2	.5	.5	.2	.3	.2	.3	.8	1.2	2.5	16.9	43.3	9.0	.5	5.3	4.5	.7	.8	1.0	.6	.7	.9	1.1	.9	.8	24	43.3
3	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.4	.4	.5	.6	.6	.5	.6	.6	.0	.3	-.1	.0	-.1	.0	24	.7
4	.0	.0	.0	.0	.2	.4	.6	.5	.6	.5	.5	.7	.6	.2	.0	.5	.1	.0	.0	.7	.8	.5	.8	1.0	24	1.0
5	.9	1.2	.7	.2	.7	.9	1.0	.7	.8	.7	.6	.4	.5	1.2	1.0	1.0	1.6	1.0	.7	.6	.8	.5	.1	.0	24	1.6
6	.1	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.2	.7	.7	24	.7
7	.6	.6	.4	.0	.0	.0	.0	.1	.0	.4	.0	.0	.0	.1	.3	.0	.0	.1	.1	.1	.5	.2	.1	.0	24	.6
8	.3	.7	.6	.4	.6	.5	.5	.4	.8	.7	11.7	13.0	7.2	3.1	3.8	2.6	1.5	.7	.5	.5	.7	.8	.5	.6	24	13.0
9	.9	1.0	.6	.6	.7	.8	.8	1.3	1.0	.9	.6	.7	.9	.7	4.1	15.4	13.2	.7	.8	.6	.6	1.4	1.4	.7	24	15.4
10	.8	1.0	.6	.8	.6	.5	.7	.7	.7	.8	.6	.5	.8	.7	.6	.5	.4	.5	.7	.6	.6	.8	.8	.5	24	1.0
11	.5	.5	.5	.9	.8	.2	.7	.7	.8	.8	.7	.5	.5	.4	14.0	14.7	1.2	1.2	.7	.8	.8	.8	.5	.6	24	14.7
12	.3	.3	.4	.5	.2	.0	.1	.3	.2	.1	.4	.4	.4	.3	.5	.5	.5	.4	.3	.2	.2	.4	.4	.2	24	.5
13	.4	.1	.0	.3	.4	.2	.0	.3	.2	.1	.3	.2	.4	.2	.1	-.1	.0	.2	.3	.4	.3	.4	.4	.3	24	.4
14	.4	.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.1	.2	.0	.0	.1	.0	.1	.2	.2	.2	.2	.3	24	.4
15	.3	.1	.0	.2	.1	.1	.3	.0	.0	.0	.2	.4	.6	.5	.4	.5	.6	.7	.7	.5	.3	.3	.2	.1	24	.7
16	.2	.1	.3	.2	.0	.0	.2	.2	.2	.1	.1	.1	.2	.4	.4	.4	.5	.5	.5	.4	.5	.5	.3	.2	24	.5
17	.6	.5	.5	.5	.5	.3	.2	.3	.2	.2	.3	.2	.1	.2	.3	.2	.2	.4	.6	.5	.5	.6	.7	.4	24	.7
18	.6	.5	.4	.3	.4	.4	.7	.7	.4	.5	.5	.7	.5	.7	.5	.4	.5	.5	.6	.9	.6	.5	.4	.4	24	.9
19	.5	.4	.5	.4	.5	.4	.3	.4	.6	.6	.5	.2	.2	.5	.5	.2	.2	.4	.9	.4	.5	.6	.7	.4	24	.9
20	.3	.5	.6	.5	.5	.6	.9	1.0	1.1	1.0	1.2	1.8	1.5	1.2	.8	2.0	.7	.7	.7	.7	.8	.8	.7	.7	24	2.0
21	.7	.7	.7	.6	.6	.6	2.2	3.3	1.4	1.1	1.2	1.1	.9	.9	.9	1.2	.9	1.3	1.4	1.4	.9	.7	.6	.6	24	3.3
22	.5	.6	.4	.5	.5	.6	3.1	12.1	4.2	3.0	1.2	.9	.9	.8	.7	.7	.8	.8	.7	.9	.8	.6	.7	.5	24	12.1
23	.5	.6	.6	.6	.6	.7	1.2	1.5	7.1	23.8	34.5	23.8	1.8	1.5	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.7	.9	.9	24	34.5
24	.9	1.0	.9	.7	.7	.8	3.0	1.6	1.4	2.1	1.8	1.2	1.0	1.0	1.0	1.4	1.5	1.4	1.6	1.7	1.1	.7	1.4	.7	24	3.0
25	.7	.7	.5	.4	.3	.2	.4	.4	.1	.3	.3	.2	.1	.1	.0	.1	.0	.1	.4	1.6	.2	.2	.0	.9	24	1.6
26	.3	.0	.0	.0	.0	.0	.2	.3	.2	.3	.3	.3	.1	1.6	.1	.1	.4	.2	.0	.0	.1	.3	.5	.2	24	1.6
27	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.8	.9	1.1	1.0	.7	.7	.6	.5	.0	.0	.0	-.1	.0	-.1	24	1.1
28	-.1	.0	.0	.1	.1	.3	.5	.5	.3	.3	.6	.4	.5	.6	.5	.4	.6	.4	.5	.5	.5	.5	.5	.5	24	.6
29	.4	.4	.4	.4	.4	.5	2.8	3.7	4.6	3.1	1.2	1.1	1.3	3.6	1.2	6.9	1.9	10.1	5.2	.9	.8	12.1	2.6	.9	24	12.1
30	.7	.8	.7	.8	.9	1.9	1.4	1.1	.8	1.4	4.0	6.9	17.8	19.6	25.6	12.5	49.7	P95.6	14.2	1.3	1.4	1.5	1.8	1.4	24	95.6
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.9	1.2	.9	.9	.9	1.9	3.1	12.1	7.1	23.8	43.3	23.8	17.8	19.6	25.6	15.4	49.7	95.6	14.2	1.7	1.4	12.1	2.6	1.4		
AVG:	.46	.45	.37	.36	.37	.39	.77	1.14	1.03	2.02	3.60	2.21	1.38	1.59	2.17	2.19	2.70	4.05	1.15	.63	.56	.97	.63	.48		

MONTHLY OBSERVATIONS: 720 MONTHLY MEAN: 1.32 MONTHLY MAX: 95.6

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

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

(42401) Sulfur dioxide

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: MAY 2018

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	1.1	1.0	1.0	1.1	1.5	1.0	1.0	.9	.9	1.1	.9	1.3	1.1	1.3	.6	.9	.9	.8	.7	.7	.6	1.1	.4	.4	24	1.5
2	.6	.5	.3	.3	.3	.3	.4	.5	.5	.5	.4	.4	.3	.3	.3	.0	.2	.1	.1	.2	.2	.0	.0	.0	24	.6
3	.0	.0	-.1	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.2	.1	.2	.0	.2	.2	.0	.1	.2	.3	-.1	24	.3
4	.0	-.1	-.1	.1	.0	.2	.2	.4	.4	.4	.4	.4	.5	.5	.4	.3	.4	.5	.0	.0	.4	.4	.2	.6	24	.6
5	1.0	.7	.5	.4	.5	.4	.8	.5	2.1	13.1	1.7	.9	.9	1.1	.5	.4	.3	.3	.2	.2	.2	.3	.4	.6	24	13.1
6	.6	.5	.5	.4	.4	.4	.5	.7	.5	.4	.2	.4	.7	.6	.7	.5	.3	.3	.3	.3	.4	.2	.2	.3	24	.7
7	.4	.4	.4	.3	.3	.3	.7	1.3	4.5	4.6	44.9	3.7	3.5	12.6	26.6	37.3	58.2	21.2	.5	.5	16.3	17.9	1.4	.9	24	58.2
8	.8	.6	.6	.5	.5	.7	.5	.5	.6	.9	.8	.7	.6	.7	.5	.7	2.0	.4	.6	1.4	1.0	2.2	1.1	1.4	24	2.2
9	1.3	.7	.6	.2	.3	.3	.3	.3	.4	.5	.3	.0	.2	.0	4.2	2.3	.8	.5	.5	.2	.2	.3	.2	.2	24	4.2
10	.2	.3	.3	.3	.2	.3	.3	.3	.2	.1	.2	.4	.3	.3	.4	.4	.4	.3	.3	.1	.3	.4	.3	.4	24	.4
11	.5	.5	.4	.2	.4	.4	.5	.5	.5	.5	.3	.4	.4	.3	.3	.5	.5	.4	.6	.4	.5	.5	.5	.6	24	.6
12	.5	.4	.5	.5	.4	.5	.6	.5	.7	.6	.7	.7	.6	.5	.5	.6	.5	.6	1.2	1.4	.9	.7	.7	.6	24	1.4
13	.5	.6	.6	.6	.5	.6	1.2	1.8	1.6	1.8	1.0	.8	.2	.2	.7	.7	.8	.6	.5	.5	.4	.5	.5	.4	24	1.8
14	.4	.3	.2	.4	.3	.1	.1	.6	.6	.6	.6	.8	.6	.5	1.0	.8	1.2	.8	.4	.3	.3	.4	.4	.4	24	1.2
15	.3	.3	.4	.3	.3	.2	.3	.3	.4	.4	.3	.4	.3	.3	.5	1.3	.5	.5	.4	.3	.2	.3	.2	.5	24	1.3
16	.5	.4	.5	.6	.5	.6	1.6	.9	.8	.9	1.3	.8	.7	.7	.7	.2	.1	.0	.1	.2	.3	.4	2.6	2.2	24	2.6
17	1.1	.4	.3	.2	.4	.6	.5	.4	.6	1.4	1.5	2.2	2.0	2.2	2.2	2.0	2.5	1.8	.7	.6	.6	.5	.5	.5	24	2.5
18	.4	.5	.4	.4	.2	.6	.8	.7	.7	.8	.8	1.1	.7	.5	.4	1.0	2.0	3.5	3.8	1.3	1.7	2.1	1.3	1.1	24	3.8
19	.9	.6	.3	.3	.3	.3	.4	.4	.5	.5	.6	.6	.6	.5	1.7	.8	.6	.5	.4	.5	.6	.5	.5	.5	24	1.7
20	.5	.4	.5	.5	.5	.5	.5	.6	.8	.9	1.0	1.1	1.1	.9	.9	.9	.9	1.1	.6	.5	.5	.6	.6	.5	24	1.1
21	.6	.5	.6	.6	.6	.6	.7	.8	.9	1.1	1.1	.7	.8	.7	.6	.6	.5	.5	.5	.4	.5	.5	.5	.5	24	1.1
22	.5	.4	.5	.4	.5	.5	.5	.5	.5	.5	2.9	.8	1.0	.9	1.0	.6	.7	.6	.5	.4	.4	.4	.3	.5	24	2.9
23	.4	.3	.4	.4	.4	.4	1.0	.9	.7	.7	.8	.6	4.7	1.6	.7	.7	.6	2.4	.8	1.0	.8	2.8	1.6	.8	24	4.7
24	.6	.6	.5	.6	.5	.7	.7	.9	1.2	1.4	1.4	2.1	4.7	16.5	2.1	5.7	8.2	7.8	8.8	1.3	6.1	8.0	2.7	1.3	24	16.5
25	1.1	.9	.7	.6	.6	.6	.7	.7	.8	.6	.6	1.0	2.5	.6	.6	.7	.6	.6	.6	.7	.7	.5	.5	.5	24	2.5
26	.4	.4	.4	.4	.3	.5	1.1	1.7	.8	.9	.9	.9	.6	.7	.6	3.2	.6	.7	1.2	1.9	1.8	2.6	.8	.5	24	3.2
27	.5	.9	.6	.7	.6	.9	.8	.8	1.0	.9	.8	.9	.7	.6	.5	.4	.4	1.0	.9	1.0	.7	.6	.8	.8	24	1.0
28	.8	.8	.7	.8	.6	.6	.5	.4	.5	.8	.5	5.1	7.1	2.5	.9	.7	.9	.8	.8	1.1	.5	.2	.3	.3	24	7.1
29	.3	.3	.3	.2	.2	.4	.5	.5	.6	.7	.7	.7	.8	.9	.7	.8	.7	1.1	.7	.6	.5	.6	.5	.5	24	1.1
30	.5	.5	.6	.6	.6	.7	1.1	1.3	1.6	1.4	1.0	1.2	1.1	1.0	1.6	1.4	1.0	2.2	.8	.2	.1	.0	.1	.2	24	2.2
31	.4	.5	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.5	.5	.4	.4	.5	.4	.4	.3	.4	.5	.6	.4	24	.6
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	1.3	1.0	1.0	1.1	1.5	1.0	1.6	1.8	4.5	13.1	44.9	5.1	7.1	16.5	26.6	37.3	58.2	21.2	8.8	1.9	16.3	17.9	2.7	2.2		
AVG:	.57	.49	.45	.43	.43	.47	.62	.68	.85	1.27	2.23	1.02	1.28	1.64	1.71	2.16	2.83	1.69	.91	.60	1.23	1.49	.68	.59		

MONTHLY OBSERVATIONS: 744 MONTHLY MEAN: 1.10 MONTHLY MAX: 58.2

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: JUNE 2018

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	.3	.3	.3	.2	.3	.5	.6	.6	.6	.6	.6	.9	.8	1.1	.9	.9	.7	.5	.5	.5	.4	.4	24	1.1
2	.5	.4	.5	.6	.6	.6	.5	.5	.5	.5	.6	.6	.5	.5	.6	.5	.4	.7	.6	.5	.1	.0	.2	.4	24	.7
3	.2	.3	.4	.5	.3	.1	.2	.6	.6	.6	.6	.5	.5	.5	.5	.4	.2	.1	.2	.3	.5	.5	.4	.4	24	.6
4	.4	.1	.3	.1	.0	.1	.1	.1	.4	.3	.2	.3	.2	.3	.6	.6	.6	.5	.7	.5	.5	.4	.3	.1	24	.7
5	.2	.2	.4	.4	.5	.4	.4	.5	.5	.5	.5	1.0	1.1	.9	.8	.9	.8	.8	.5	.6	.5	.5	.5	.5	24	1.1
6	.5	.6	.6	.7	.7	.7	1.0	7.8	37.3	1.2	5.9	3.4	4.4	34.8	2.1	2.1	9.4	1.0	.9	.9	.8	.8	.7	.4	24	37.3
7	.4	.4	.4	.3	.4	.4	.3	.4	1.7	3.6	2.0	.2	.3	.4	.0	.1	.2	.0	.0	.0	.0	.0	.0	.5	24	3.6
8	.5	.6	.5	.6	.5	.4	.6	.6	.7	.6	.6	.7	.6	.9	1.0	1.6	1.0	1.0	1.1	1.7	1.3	.8	.8	.7	24	1.7
9	.5	.5	.5	.5	.4	.5	.7	.9	1.0	1.1	1.0	.9	.8	.7	.6	.3	.4	.4	.4	.4	.5	.5	.5	.5	24	1.1
10	.5	.5	.5	.6	.6	.6	.6	.7	.7	.8	.8	.7	.7	.7	.7	.7	.6	.6	.5	.6	.6	.5	.5	.5	24	.8
11	.5	.5	.6	.6	.6	.6	.6	.7	1.0	.9	.8	.8	.8	.7	.8	.7	.7	.6	.6	.7	.7	.7	.7	.7	24	1.0
12	.9	1.1	1.0	3.0	1.4	.9	.8	.9	1.8	21.2	22.2	41.0	2.1	13.6	1.1	.8	14.7	1.6	1.0	.8	.9	.9	.9	.9	24	41.0
13	.6	.6	.5	.6	.3	.3	.3	.4	.4	.5	.4	.6	.5	.6	.6	.7	.6	.6	.6	.6	.6	.6	.6	.7	24	.7
14	.7	.7	.6	.7	.7	.7	1.0	1.0	.9	1.7	11.6	2.0	.7	.7	10.0	14.6	2.1	2.6	2.4	2.3	3.7	2.1	1.1	.9	24	14.6
15	.8	.8	.8	.9	1.6	1.3	1.4	2.8	.7	1.2	1.2	1.0	.6	.4	.7	23.9	25.1	56.8	28.4	1.9	.7	.5	.6	.6	24	56.8
16	.5	.4	.3	.4	.3	.4	1.6	1.6	1.3	1.3	1.0	.8	.7	.5	.7	2.3	1.7	.9	.8	.9	.7	.6	.7	.8	24	2.3
17	1.0	1.2	1.3	.8	.6	.6	.6	.5	.6	.6	.7	1.1	1.3	1.9	2.6	1.2	.6	.5	.6	.6	.6	.5	.4	.3	24	2.6
18	.5	.4	.4	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.4	.5	.4	.5	.5	.3	.3	.4	.4	24	.5
19	.5	.3	.3	.5	.4	.4	.5	.5	.5	.5	.5	.5	.6	1.2	.8	.6	.5	.5	.4	.4	.4	.4	.5	.4	24	1.2
20	.4	.4	.5	.5	.4	.4	.5	.6	.6	.6	.7	.7	.5	.6	.5	.5	.6	.6	.6	.6	.6	.5	.5	.4	24	.7
21	.4	.5	.5	.5	.5	.5	.6	.7	.7	.7	.8	.8	.9	.9	.9	.9	.8	1.0	.8	.8	.7	.6	.6	.7	24	1.0
22	.8	.6	.6	.5	.6	.6	.8	1.0	1.7	1.3	.8	.8	.8	.7	.7	.7	.6	.6	.8	.8	.6	.6	.5	.6	24	1.7
23	.5	.5	.5	.4	.4	.5	.5	.6	1.0	1.5	.7	.5	.6	.6	.5	.8	.8	1.1	.7	.6	1.3	.8	.6	1.8	24	1.8
24	1.1	.9	.6	.5	.5	.5	.8	.8	.9	.7	.7	.6	.6	.7	.8	.7	.8	.7	.7	.7	.6	.5	.5	.6	24	1.1
25	.6	.6	.5	.4	.3	.5	.5	.6	.6	.7	.6	.7	.7	.8	.7	.6	.7	.7	.6	.5	.6	.5	.5	.6	24	.8
26	.6	.7	.6	.6	.6	.7	1.5	1.4	1.3	1.5	1.4	1.3	1.6	1.5	1.8	1.3	.8	.7	.7	.4	.6	.6	.5	.5	24	1.8
27	.5	.4	.5	.3	.5	.6	.6	1.2	1.5	.7	.6	.4	.2	.4	.4	.2	.4	.3	.4	.6	.6	.5	.5	.7	24	1.5
28	.5	.4	.4	.3	.2	.3	.5	.4	.4	15.3	14.3	1.6	.8	.7	25.3	1.9	15.6	1.0	1.4	1.1	.7	2.4	1.9	.6	24	25.3
29	.7	.7	.4	.2	.4	.6	2.6	19.3	21.8	45.5	4.6	1.8	1.8	6.1	15.1	13.7	3.8	1.0	.7	.6	.6	.4	.3	.7	24	45.5
30	.2	.2	.1	.3	.3	.2	.3	.4	.2	.3	.3	.3	.7	16.4	17.7	3.2	1.0	.6	.4	.4	.2	1.0	.6	.1	24	17.7
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.1	1.2	1.3	3.0	1.6	1.3	2.6	19.3	37.3	45.5	22.2	41.0	4.4	34.8	25.3	23.9	25.1	56.8	28.4	2.3	3.7	2.4	1.9	1.8		
AVG:	.54	.53	.51	.56	.51	.50	.70	1.61	2.74	3.56	2.57	2.22	.89	3.00	3.00	2.60	2.90	2.63	1.62	.73	.70	.65	.57	.58		

MONTHLY OBSERVATIONS: 720 MONTHLY MEAN: 1.52 MONTHLY MAX: 56.8

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: JULY 2018

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	.3	.9	.6	.4	1.6	2.2	2.7	1.1	1.0	31.8	69.8	12.0	1.6	1.5	1.6	.9	.3	.2	.2	.2	.0	.0	.1	24	69.8
2	.1	.1	.0	.1	.1	.0	.1	.5	.2	.1	8.5	.3	2.8	1.3	8.4	1.2	1.9	.5	.3	.2	.1	.4	.3	.5	24	8.5
3	.6	.5	.4	.5	.4	.8	1.5	.9	.8	.7	.8	1.0	26.9	5.0	1.2	1.5	1.4	1.1	.7	.5	.5	.4	.2	.4	24	26.9
4	.4	.3	.2	.2	.3	.6	.6	3.0	1.1	1.7	1.4	4.3	1.7	1.5	2.1	15.7	5.4	1.1	.9	.8	.5	3.3	2.9	2.1	24	15.7
5	1.1	.9	.6	.6	.5	.7	1.2	1.0	1.0	.9	.9	.7	.6	.7	.7	.6	.7	.6	.7	.7	.6	.6	.6	.6	24	1.2
6	.6	.6	.6	.5	.6	.6	BF	BF	BF	.0	.0	.0	.1	.0	.0	.0	1.3	.0	.0	.2	.1	.1	.1	.0	21	1.3
7	13.6	1.4	1.1	.2	.2	.4	.8	25.8	15.8	.1	.0	13.7	6.5	2.5	2.2	1.2	.6	.3	.0	.0	.3	11.0	19.1	8.2	24	25.8
8	3.7	1.3	.5	.1	.1	.3	.4	.5	.4	.1	.1	.5	4.2	4.9	15.3	2.4	14.4	2.8	2.1	.3	.0	.0	.1	.0	24	15.3
9	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	24	.1
10	.1	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.4	4.7	6.2	1.1	.3	24	6.2
11	.0	.0	.0	-.2	-.1	-.1	.0	.0	.5	.0	.0	8.5	.0	.2	.3	1.1	.2	.3	.3	.4	.9	.4	.0	.3	24	8.5
12	2.2	25.5	23.1	16.6	2.8	12.4	3.1	25.0	32.1	10.8	1.5	.9	13.8	P135.	P99.9	P96.0	14.2	4.8	14.0	4.7	1.8	.4	.2	.1	24	135.9
13	.1	.0	.6	.3	.0	.1	.1	2.6	2.4	.3	.0	4.4	41.1	2.6	.5	.5	.2	.1	.0	.0	1.5	6.0	.5	.0	24	41.1
14	.0	-.1	-.1	-.1	-.1	-.2	-.1	.3	.2	.1	.0	.0	.2	.0	3.5	.4	.1	.0	.0	.0	.0	.7	.4	.0	24	3.5
15	-.1	-.1	-.1	-.1	-.1	-.1	.1	4.3	1.1	6.3	5.0	.7	28.2	59.8	3.5	31.7	70.5	10.3	2.0	.6	.6	4.1	.7	.2	24	70.5
16	.0	-.1	.1	.0	.0	.0	-.1	.0	-.3	-.2	-.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	-.2	-.1	-.1	24	.1
17	-.1	-.1	-.2	-.2	-.1	-.1	.0	-.1	.0	-.1	-.1	.0	.0	-.1	.0	-.2	-.1	-.1	-.1	.0	-.1	.0	.0	.0	24	0.0
18	.0	-.1	-.1	-.1	-.1	.0	.2	.0	6.4	40.7	32.5	22.2	14.7	12.2	15.8	2.1	.6	.7	.7	.2	.0	.0	1.7	5.0	24	40.7
19	1.4	1.2	.1	.0	.0	1.9	2.4	43.5	2.2	7.7	6.9	.5	.6	.5	.6	.6	.2	.3	.6	.9	.3	.0	-.2	-.1	24	43.5
20	.0	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.2	.0	.0	-.1	-.2	-.1	-.1	.0	.0	-.2	-.1	-.2	-.3	-.4	24	0.0
21	-.3	-.3	-.3	-.3	-.2	-.1	-.2	-.1	.0	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.1	-.2	-.2	24	0.0
22	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.5	-.4	-.3	-.4	-.4	-.3	-.1	.0	.0	.0	-.2	-.2	-.2	-.2	-.4	-.3	24	0.0
23	-.2	-.3	-.1	-.1	-.1	-.1	-.2	-.1	-.3	-.2	.0	.0	.0	.0	.6	.8	1.0	1.7	.8	.1	-.2	-.3	-.2	-.2	24	1.7
24	-.1	-.1	-.1	-.2	-.1	.0	.1	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	24	.3
25	-.1	-.1	-.2	-.3	-.2	.0	.0	.0	.6	.1	-.1	-.1	.0	.1	1.1	4.2	9.5	2.5	32.3	63.7	.9	.0	.0	-.1	24	63.7
26	.0	-.1	-.2	-.1	.0	-.1	.0	.0	-.1	.0	-.1	-.1	-.1	-.2	.0	-.1	-.2	.0	.0	-.1	-.2	-.1	-.2	-.2	24	0.0
27	-.2	-.2	-.3	-.2	-.2	-.1	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	-.1	24	0.0
28	-.1	-.1	.0	.0	.0	.0	.3	3.4	.9	.0	.0	-.1	.0	.0	.0	.0	.4	.9	.1	.0	.0	.0	.0	.0	24	3.4
29	.0	.0	.0	.0	-.1	-.1	.0	.6	.5	.3	3.0	2.4	.5	.5	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	24	3.0
30	.4	.1	.0	.0	.0	.0	.1	1.3	.2	.3	.5	5.0	.4	.1	.2	.1	.1	.3	.2	.3	.1	.0	.0	.0	24	5.0
31	.0	-.1	.0	-.1	.0	.0	.9	7.4	3.0	1.5	1.5	30.6	6.7	12.0	4.4	36.8	.3	.2	.3	.3	.2	.3	.2	.1	24	36.8
NO.:	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	13.6	25.5	23.1	16.6	2.8	12.4	3.1	43.5	32.1	40.7	32.5	69.8	41.1	135.9	99.9	96.0	70.5	10.3	32.3	63.7	4.7	11.0	19.1	8.2		
AVG:	.75	.97	.84	.56	.12	.58	.44	4.08	2.32	2.31	3.01	5.32	5.17	7.75	5.20	6.39	3.98	.93	1.82	2.39	.40	1.05	.85	.52		

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

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 2.41 MONTHLY MAX: 135.9

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: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: AUGUST 2018

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

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.1	.0	.0	.0	.0	.0	.1	.4	.4	.4	4.3	.7	.6	1.3	.3	.1	.0	.0	.2	.0	1.5	.0	.2	.0	24	4.3
2	-.1	-.2	-.3	-.2	-.1	-.1	-.3	-.2	-.2	-.1	.0	.1	.1	.0	-.1	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.2	-.1	24	.1
3	-.1	-.1	-.1	-.1	-.1	.0	.1	22.7	6.0	4.6	14.0	1.1	18.6	.8	.1	.6	2.4	.5	.2	.1	.0	.0	.0	.0	24	22.7
4	1.3	.0	.0	.0	.0	.0	6.1	2.8	.4	.0	-.1	.0	1.6	16.7	34.0	45.9	29.9	11.9	3.5	5.3	2.6	1.1	13.0	10.6	24	45.9
5	1.2	.6	.4	.2	.1	.1	.1	.1	.2	.1	.2	31.8	49.1	1.3	.2	.0	.0	.0	.0	.0	.0	-.3	.0	.0	24	49.1
6	.0	-.1	-.4	-.1	-.1	-.1	.0	-.1	.0	-.1	-.1	1.0	2.6	1.2	.0	-.1	.0	-.1	-.1	.0	.7	.2	.0	-.1	24	2.6
7	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.1	24	.2
8	.3	.3	.0	.0	-.1	-.1	.0	.3	.1	.0	-.2	-.1	.0	-.3	-.1	-.2	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
9	-.1	-.1	-.2	-.2	-.2	-.1	-.1	.0	-.1	.0	-.1	.0	.6	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	.6
10	.0	.0	.0	.0	.0	.0	.0	.1	.1	8.5	2.1	2.4	10.9	14.0	34.0	9.4	.4	.3	.0	.0	.1	.1	.1	.0	24	34.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.4	.0	-.2	-.2	.0	-.1	.0	.0	24	.4
12	.0	.1	.0	.0	.0	-.1	.0	.7	.3	.3	.2	2.5	2.2	12.5	6.8	7.9	9.7	4.7	.4	.2	.1	.1	.2	.8	24	12.5
13	.4	.5	.3	.1	.0	.1	1.3	3.9	3.7	43.5	61.7	43.5	36.9	15.1	13.8	P107. V	1.6	.8	.6	.4	5.9	5.5	1.1	.6	24	107.8
14	.4	.3	.1	.1	.0	.0	.3	.8	.3	.8	.3	.2	.7	2.7	5.1	4.1	.7	.2	.2	.1	.2	.2	.2	.2	24	5.1
15	.2	.1	.0	.0	.0	.1	.2	.4	.5	2.9	21.3	2.5	3.6	23.8	20.8	2.3	1.3	.7	.4	.4	.1	.0	.0	.0	24	23.8
16	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	.1	.1	.2	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	24	.2
17	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.1	.6	.2	.0	.0	.1	.2	.8	.4	1.4	.3	.0	.0	-.1	.0	.0	24	1.4
18	.0	-.1	-.1	-.1	.0	.0	.0	.0	.1	-.2	.0	.0	.0	.0	.0	.1	.9	.5	.1	.7	.1	.1	.0	.1	24	.9
19	.2	.2	.0	.0	.0	.0	.0	.3	.6	.1	.1	12.1	11.4	13.7	1.3	25.3	1.7	1.5	1.8	.5	.1	.1	.0	-.1	24	25.3
20	.0	.0	.0	.0	.0	.0	.0	AV	AV	.5	.3	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	-.1	22	.5
21	-.2	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	.0	24	0.0
22	-.1	-.1	-.4	-.5	-.5	-.2	-.1	.0	.0	.0	.0	-.2	.0	.0	-.2	-.2	.0	.0	.0	.1	.0	.0	.0	.0	24	.1
23	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	1.1	1.8	2.2	2.1	.1	.7	.8	.2	.0	.6	1.8	.8	.2	.2	24	2.2
24	.5	3.8	2.7	1.2	4.1	9.6	55.7	21.0	2.2	1.5	32.8	P85.6	33.8	66.9	71.4	2.3	1.5	23.6	24.4	2.9	1.3	18.2	13.8	60.3	24	85.6
25	19.8	3.2	6.9	2.8	.4	.1	.1	.1	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	24	19.8
26	-.1	-.1	.0	-.1	-.1	-.1	.0	1.3	30.7	14.4	6.9	14.5	2.6	.9	.9	.6	1.1	10.5	.5	.1	.0	.0	.0	-.2	24	30.7
27	.0	.0	-.1	-.1	-.1	.0	.0	1.6	32.6	2.4	2.2	29.6	50.9	51.3	53.4	50.4	P145.	54.6	P78.6	27.0	17.0	2.4	1.3	.4	24	145.2
28	.2	.0	.8	.1	.2	.1	.3	BF	BF	BF	.2	.3	4.6	10.9	2.2	.3	.1	.0	.0	.0	-.1	-.1	-.1	-.1	21	10.9
29	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.4	-.4	-.3	-.2	-.3	.0	-.1	.0	.0	-.2	-.3	-.3	-.4	-.3	-.3	24	0.0
30	-.4	-.3	-.4	-.3	-.3	-.2	-.2	-.1	-.1	.0	.3	.0	.2	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	.3	.9	24	.9
31	.1	.0	1.2	2.7	1.5	.6	.6	.9	34.8	7.7	36.0	4.5	8.7	26.3	12.8	1.7	1.2	.8	.4	.3	.3	.2	.1	2.2	24	36.0
NO.:	31	31	31	31	31	31	31	29	29	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	19.8	3.8	6.9	2.8	4.1	9.6	55.7	22.7	34.8	43.5	61.7	85.6	50.9	66.9	71.4	107.8	145.2	54.6	78.6	27.0	17.0	18.2	13.8	60.3		
AVG:	.76	.25	.33	.16	.13	.30	2.06	1.96	3.89	2.94	5.92	7.55	7.81	8.45	8.31	8.38	6.42	3.61	3.58	1.23	1.00	.89	.95	2.43		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 3.31 MONTHLY MAX: 145.2

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

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

(42401) Sulfur dioxide

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: SEPTEMBER 2018

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	1.6	.9	1.0	.6	.2	.0	.0	.1	.0	.7	4.6	10.0	9.0	.5	.2	.0	.0	.0	.0	.0	-.1	-.3	-.3	24	10.0
2	-.2	.0	-.1	-.1	-.1	-.1	.0	1.1	.9	.6	.4	5.8	.8	.1	.1	.0	-.1	.0	.1	.0	.0	-.2	-.1	-.2	24	5.8
3	-.1	-.3	-.4	-.2	-.2	-.1	-.2	-.3	-.3	-.2	-.2	-.1	-.1	-.2	-.1	-.2	-.3	-.3	-.4	-.2	-.2	-.1	-.4	-.5	24	-.1
4	-.3	-.3	-.3	-.3	-.4	-.4	-.3	.0	.2	.0	.0	.5	.4	.5	2.9	1.4	8.1	2.6	.9	.4	.2	.1	.0	.6	24	8.1
5	1.0	1.6	.4	.0	.1	.0	-.1	-.3	-.2	-.3	-.4	-.3	-.3	-.4	-.5	-.3	-.2	-.3	-.2	-.1	-.2	-.1	-.5	-.5	24	1.6
6	-.4	-.2	-.5	-.3	-.4	-.5	-.5	-.2	.1	.6	.0	-.2	.0	.3	.5	.2	-.3	-.2	-.3	-.3	-.3	-.5	-.5	-.4	24	.6
7	-.4	-.4	-.5	-.5	-.5	-.3	-.3	-.1	.2	-.1	-.3	-.3	.0	.2	.3	.0	.3	-.1	-.4	-.5	-.5	-.5	-.5	-.4	24	.3
8	-.4	-.3	-.4	-.5	-.4	-.3	-.5	-.5	-.3	.0	-.1	-.2	-.1	.0	-.4	-.2	.0	-.2	-.4	-.4	-.4	-.3	-.3	-.4	24	0.0
9	-.3	.0	.0	-.2	-.2	-.4	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.4	-.4	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.4	24	0.0
10	-.3	-.3	-.3	-.2	-.1	.0	.0	.1	-.1	.2	-.1	-.1	-.1	5.6	20.9	16.0	5.5	.8	.0	-.1	-.2	-.2	.0	.0	24	20.9
11	.0	-.1	-.2	-.3	-.2	-.1	-.1	-.1	.0	-.1	-.1	.0	.4	6.9	-.2	-.2	.0	.1	-.2	-.3	-.1	6.4	1.7	2.6	24	6.9
12	2.0	.1	-.3	-.4	-.6	-.4	.1	1.1	.3	.4	.5	.4	1.3	2.3	18.4	4.3	2.2	1.4	.2	-.1	-.2	1.5	2.9	.4	24	18.4
13	.0	.0	-.1	-.1	-.2	-.3	.3	3.6	7.7	1.3	.8	7.6	18.3	25.1	1.5	1.0	.3	.1	-.1	-.1	-.2	-.3	-.3	5.3	24	25.1
14	4.2	.5	.1	.0	-.3	-.1	.0	2.3	.9	.8	.6	.4	.3	50.0	54.2	3.6	.4	1.1	1.7	1.0	3.6	.6	.2	.0	24	54.2
15	.0	.0	.0	-.1	-.2	-.3	-.1	3.7	2.1	1.1	1.7	1.1	.2	.0	1.0	15.9	1.0	.3	.2	.0	.2	.5	1.4	.6	24	15.9
16	.0	-.2	-.3	-.4	-.4	-.3	-.3	.0	-.1	.6	32.8	46.8	44.2	59.0	17.7	6.3	1.7	1.4	.3	-.2	3.2	3.8	.3	-.2	24	59.0
17	-.2	-.1	-.4	-.3	-.5	-.5	-.5	-.3	-.3	-.3	-.2	-.1	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.5	-.5	-.6	-.6	-.5	24	-.1
18	-.4	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.1	.0	.5	.9	.3	.4	.8	.5	.5	.0	-.2	.0	-.2	.0	.0	.0	24	.9
19	.0	-.2	-.1	.0	-.3	-.4	-.5	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.6	-.5	-.6	-.6	-.6	-.6	-.5	-.5	24	0.0
20	-.2	-.4	-.3	-.2	-.6	-.4	-.5	-.6	-.5	-.5	-.4	-.5	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.6	-.4	13.6	8.9	1.1	24	13.6
21	.1	-.3	-.5	-.5	-.4	-.5	-.6	-.5	-.5	-.5	.0	-.1	-.1	-.3	-.6	-.5	AV	-.4	-.5	-.5	-.4	-.2	-.4	-.5	23	.1
22	-.3	-.3	-.3	-.4	-.3	-.3	-.4	.0	.6	7.2	6.0	29.6	10.7	1.5	.8	.1	2.0	10.7	.3	2.9	20.4	10.3	7.8	3.6	24	29.6
23	1.3	.5	.3	.1	.0	.1	.0	1.2	10.6	8.6	4.2	4.3	25.5	6.1	.2	.3	.2	.0	-.1	.0	.0	.0	-.2	-.6	24	25.5
24	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.3	-.1	.2	.0	.1	.1	.5	.4	.2	.2	.0	.0	.0	2.0	2.0	5.5	1.4	24	5.5
25	.4	.1	.0	-.3	-.4	-.4	-.4	.0	.2	.1	.1	2.7	2.3	1.5	.1	.0	-.1	-.2	-.1	-.1	-.2	-.2	-.1	-.2	24	2.7
26	-.4	-.1	-.2	-.4	-.4	-.4	-.4	.0	.0	-.1	-.2	-.1	.0	.0	-.2	-.2	.1	-.2	-.4	-.4	-.3	-.3	-.3	-.4	24	.1
27	-.3	-.2	-.3	-.2	.0	-.2	-.2	1.5	.1	.1	.1	1.0	26.0	22.3	1.6	-.1	.0	-.1	-.1	.0	-.1	-.1	-.3	-.1	24	26.0
28	.0	-.2	.0	.0	.0	.0	-.1	.0	.0	.0	-.2	-.3	-.3	-.4	-.4	-.2	-.3	-.2	-.2	-.2	-.1	-.1	-.2	-.1	24	0.0
29	-.2	-.2	-.3	-.2	-.3	-.3	-.2	-.1	-.2	-.2	-.3	-.1	.0	-.2	-.2	.0	.1	.0	.0	.2	.0	.0	.1	.0	24	.2
30	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.2	-.2	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.3	-.3	24	.1
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30		
MAX:	4.2	1.6	.9	1.0	.6	.2	.3	3.7	10.6	8.6	32.8	46.8	44.2	59.0	54.2	16.0	8.1	10.7	1.7	2.9	20.4	13.6	8.9	5.3		
AVG:	.16	-.02	-.17	-.20	-.25	-.25	-.23	.34	.69	.63	1.51	3.43	4.61	6.27	3.92	1.56	.67	.49	-.06	-.04	.80	1.13	.75	.30		

MONTHLY OBSERVATIONS: 719 MONTHLY MEAN: 1.09 MONTHLY MAX: 59.0

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: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: OCTOBER 2018

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	.0	-.2	-.3	-.3	-.2	-.2	.0	.0	.0	.0	.0	.1	-.1	-.1	-.1	-.3	-.2	-.3	.0	.0	.0	-.1	24	.1
2	-.1	-.2	.0	-.1	-.4	-.2	-.3	-.2	-.2	-.3	-.4	-.2	-.3	.0	.0	.0	.0	-.1	.0	-.2	-.1	-.1	-.1	-.2	24	0.0
3	-.1	.2	7.1	2.5	3.4	2.1	1.1	1.2	.7	.6 2	.7 2	1.8 2	2.1	10.6	40.0	BF	.1	2.2	.1	.0	.0	-.1	-.2	-.4	23	40.0
4	-.4	-.2	-.3	-.3 2	-.4 2	-.3 2	-.4 2	-.3 2	BF	BF	BF	BF	.0	.0	.0	.1	.2	.0	.0	-.1	.0	.0	-.1	.0	20	.2
5	-.1	-.1	-.2	-.1	-.1	.0	-.1	.0	.0	-.3	-.5	-.4	.0	.0	.0	-.1	-.1	-.4	-.6	-.4	-.2	-.3	-.3	-.2	24	0.0
6	-.1	-.1	.1	.0	-.1	-.1 2	-.1	.0 2	-.1 2	-.2	-.2	-.5	.0	-.2	-.1	-.1	-.4	-.3	-.4	-.4	-.5	-.4	-.4	-.4	24	.1
7	-.3	-.3	-.4	-.4	-.4	-.5	-.3	-.2	.0	.0	.1	.0	-.3	-.3	-.2	-.3	-.4	-.3	-.3	-.3	-.4	-.2	-.4	-.5	24	.1
8	-.3	-.4	-.4	-.4 2	-.5 2	-.4	-.4	-.4	-.1	.4	3.2	6.3	2.8	2.3	.0	4.4	.0	.6	.2	-.2	-.3	-.4	-.4	-.2	24	6.3
9	-.1	-.3	-.1	-.1	.0	-.1	-.2	-.1	-.2	.0	.1	.1	.0	.2	2.6	.7	.2	.0	-.3	-.2	-.2	-.2	-.2	-.3	24	2.6
10	-.3	-.5	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.1	.0	-.2	8.6	13.4	13.5	1.1	.0	.0	-.2	-.3	-.2	-.3	-.5	-.4	24	13.5
11	-.4	-.4	-.2	-.2	-.2	-.2	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	24	0.0
12	-.6	-.6	-.6	-.3	-.2	.0	.0	-.1	.0	-.1	-.3	-.4	-.1	-.2	-.3	.1	.1	-.1	-.3	-.3	-.4	-.4	-.4	-.4	24	.1
13	-.4	-.4	-.3	-.4	-.4	-.3	-.2	-.3	-.4	.9	.0	.0	.1	-.3	.1	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	24	.9
14	-.3	-.3	-.3	-.2	-.3	-.4	-.4	-.4	-.3	-.4	-.2	-.3	-.3	-.2	-.3	-.3	-.5	-.4	-.4	-.4	-.2	.0	.0	.0	24	0.0
15	-.2	-.4	.0	-.4	-.3	-.2	-.4	-.1	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.2	-.1	-.2	.1	24	.1
16	-.2	-.2	-.2	-.2	.0	-.2	.0	.2	.2	.1	.0	.0	-.2	-.1	-.1	.0	.0	-.2	-.2	-.2	-.2	-.2	-.1	.0	24	.2
17	.0	.1	.0	-.2	-.3	-.2	-.3	-.3	-.2	-.2	.0	-.2	-.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.2	-.2	24	.2
18	.1	.2	.1	.2	.3	.5	.4	.8	.0	.0	.2	-.1	.1	.1	.1	.0	-.2	-.3	-.2	-.3	-.1	.0	.0	.0	24	.8
19	.0	.2	.2	-.2	-.1	-.1	-.2	-.2	-.1	-.1	-.2	-.2	-.3	-.4	-.4	-.4	-.4	-.3	-.3	-.1	-.3	-.2	.3	.0	24	.3
20	.0	.2	.0	.0	-.2	-.4	-.3	-.2	-.3	-.4	-.6	-.4	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.2	-.1	-.3	-.3	-.4	24	.2
21	-.3	-.2	-.2	-.2	.2	.2	.2	.0	-.1	-.2	-.2	-.1	.0	1.8	2.2	6.0	.3	.2	.2	.2	.3	.3	.2	.3	24	6.0
22	.3	.3	.3	.2	.0	.4	.3	.3	.7	.5	.2	.1	.0	.0	.0	.0	-.1	-.3	.4	-.1	-.1	-.2 2	-.2 2	-.2	24	.7
23	-.2	-.2	-.3	-.3	-.3	-.4	-.3	-.1	-.1 2	-.1	-.1	-.2	-.2	-.3	-.2	-.3	.0	.1	.1	.1	.1	.1	.1	.1	24	.1
24	.1	.1	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	2.6	.6	.5	5.2	-.2	-.1	-.2	-.3	-.2	1.9	.9	-.3	-.2	24	5.2
25	-.2	-.3	-.2	-.2	-.2	-.2	-.1	-.3	.5	.8	.5	.2	.0	.0	.0	-.1	-.2	.0	.0	-.1	-.2	.5	1.3	3.9	24	3.9
26	.2	-.1	-.1	-.1	-.2	-.2	.0	.4	.3	-.1	-.1	.0	.0	-.2	-.3	.0	.0	.0	-.2	-.1	-.3	-.4	-.4	-.4	24	.4
27	-.3	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.1	.2	.0	-.1	-.3	-.4	-.4	-.6	-.5	-.5	-.3	-.3	-.3	-.2	24	.2
28	-.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.3	-.5	-.3	-.3	-.5	-.5	-.5	.0	-.1	-.2	-.4	-.5	-.3	.0	24	.1
29	.0	.0	.0	-.1	.0	-.1	.0	-.2	-.3	-.3	-.3	-.5	-.4	-.3	-.4	-.4	-.1	.0	-.3	-.2	-.1	-.2	-.3	-.1	24	0.0
30	.0	-.2	-.2	.0	-.3	-.4	-.2	-.2	.0	.2	.1	.7	.4	.1	.2	.2	.2	.0	-.2	-.4	-.2	-.2	-.3	-.3	24	.7
31	-.2	-.5	-.5	-.5	-.5	-.4	-.4	-.2	.0	-.1	-.1	-.2	-.1	.1	.0	.0	-.2	.1	.0	-.4	-.4	.0	-.4	-.3	24	.1
NO.:	31	31	31	31	31	31	31	31	30	30	30	30	31	31	31	30	31	31	31	31	31	31	31	31		
MAX:	.3	.3	7.1	2.5	3.4	2.1	1.1	1.2	.7	.9	3.2	6.3	8.6	13.4	40.0	6.0	.3	2.2	.4	.2	1.9	.9	1.3	3.9		
AVG:	-.15	-.16	.08	-.10	-.08	-.10	-.12	-.06	-.03	0.00	.04	.24	.37	.83	1.95	.29	-.11	-.04	-.15	-.20	-.10	-.11	-.14	-.04		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: .09 MONTHLY MAX: 40.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Feb. 10, 2021

(42401) Sulfur dioxide

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: NOVEMBER 2018

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	-.4	-.4	-.5	-.2	-.3	-.1	-.3	-.3	.0	.1	-.3	-.4	-.3	-.2	.0	-.3	-.2	-.4	-.4	-.2	-.2	-.3	-.3	24	.1
2	-.2	-.3	-.3	-.2	-.1	-.2	.0	.0	-.1	-.1	.0	.0	.3	.2	.0	.0	.0	.1	.1	.0	.0	-.1	-.1	-.1	24	.3
3	-.1	.0	-.1	-.2	-.2	-.4	-.3	-.1	.0	-.1	.0	-.2	-.3	-.3	-.3	-.4	-.5	-.4	-.4	-.3	-.3	.0	.0	.3	24	.3
4	.0	.1	.0	-.2	-.4	-.4	-.4	-.3	-.4	-.2	-.2	-.2	-.1	-.3	-.5	-.4	-.4	-.4	-.3	-.3	-.5	-.4	-.4	-.4	24	.1
5	.0	-.2	-.4	-.3	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	.0	1.8	2.8	.2	.0	.0	.0	.0	-.1	.0	-.2	24	2.8
6	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.3	-.3	-.4	-.6	-.6	-.5	-.4	-.2	-.2	.0	-.2	-.2	-.1	-.1	24	0.0
7	-.1	-.1	.0	.1	.0	.1	-.3	.0	-.1	.0	.0	-.2	-.1	-.1	.0	.0	.2	.1	.0	.1	.0	.0	.0	.0	24	.2
8	-.2	.0	.0	-.1	-.2	-.1	-.1	-.1	.0	-.2	-.2	-.2	-.1	.0	-.1	.0	.5	.1	.2	.1	-.2	-.4	.0	4.6	24	4.6
9	.3	.2	.1	.0	.1	-.2	-.1	-.1	.0	.0	.2	.2	.2	.1	.0	.2	.0	.0	.0	.2	.2	.1	.1	.2	24	.3
10	.2	.2	.2	.1	.0	.0	.0	.0	.1	.0	.1	.1	.2	.1	.0	.1	.2	.0	.0	.1	.3	1.3	.6	6.1	24	6.1
11	.4	.4	.3	.3	.3	2.9	.7	.6	.6	.5	.4	.5	.4	.4	.4	.2	.2	.2	.2	.3	.3	.3	.3	.2	24	2.9
12	.1	.1	.1	.1	.1	.1	.2	.0	-.2	-.2	-.2	-.1	.0	.0	.1	.1	.0	-.2	-.3	-.2	-.2	.0	.0	.0	24	.2
13	.0	.0	.0	-.3	-.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	24	.1
14	.1	.1	.2	.2	.2	.1	.2	.8	.7	.4	.2	.3	3.9	1.5	.3	.2	1.1	.5	.2	.1	.0	.1	4.7	14.0	24	14.0
15	1.9	.8	.4	.0	.0	-.1	.1	.1	1.9	10.9	17.6	.8	1.0	.5 2	1.1 2	5.1 2	.6 2	.2 2	.1 2	1.8 2	1.5 2	.7 2	.4 2	.4 2	24	17.6
16	.3 2	.3 2	.1 2	.1 2	.2 2	.1 2	.0 2	.3 2	.1 2	.0 2	.0 2	-.2 2	-.1 2	.2	.0	-.3	-.1	-.1	-.1	.0	.0	.1	.0	-.2	24	.3
17	-.2	-.3	-.4	-.3	-.2	.0	.1	.2	.2	.1	.0	-.1	-.2	.0	-.2	-.2	-.2	-.2	-.2	.0	-.2	-.2	-.3	-.2	24	.2
18	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.2	.1	.1	.0	.0	.0	.0	-.1	-.1	.0	.0	-.1	.0	-.1	-.1	.0	.0	24	.1
19	.2	.1	-.1	-.1	.0	.1	.2	.1	.2	.0	.2	.1	.2	.1	.1	.1	.1	.1	-.2	-.3	-.3	-.2	-.2	-.2	24	.2
20	-.1	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.2	.3	.4	.0	-.2	-.2	-.1	-.2	-.1	-.2	-.2	-.1	.1	.2	.0	-.1	24	.4
21	-.1	-.1	-.1	.0	.2	.0	-.2	-.2	-.2	.0	.0	.0	.0	.0	.3	.1	.1	.0	.0	.1	.0	.2	.1	.2	24	.3
22	.2	.1	.2	.3	.2	.1	.0	.1	.2	.3	.3	.3	.3	.3	.2	.2	-.1	-.1	.0	.0	.0	.1	-.1	.0	24	.3
23	.1	.0	.0	.0	.0	-.2	.0	.3	1.6	29.0	58.9	35.6	52.2	4.2	1.4	.7	.3	.1	.3	1.1	.6	.3	.4	41.3	24	58.9
24	35.7	.7	.0	-.3	.0	5.9	.3	-.2	-.2	.6	.2	.2	.0	-.1	.0	-.1	-.1	-.1	-.2	-.2	-.3	-.3	-.3	-.2	24	35.7
25	-.2	.0	-.3	-.3	-.3	-.3	-.1	-.3	-.4	-.3	-.2	-.3	-.4	-.4	-.4	-.3	-.4	-.3	-.2	-.2	-.4	-.4	-.2	-.1	24	0.0
26	.0	-.1	.0	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.3	-.3	-.2	-.2	-.3	-.3	-.2	-.2	-.1	.0	-.1	-.1	24	0.0
27	.0	.0	-.2	.0	.0	.0	.0	.1	.0	.1	.1	.2	.2	.0	-.1	BK	-.1	.1	.0	.0	-.1	-.4	-.3	-.2	23	.2
28	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.1	-.1	.1	BF	BF	-.2	1.2	.9	-.2	-.4	-.4	-.3	-.4	-.3	-.4	-.3	1.4	22	1.4
29	6.7	.3	.0	.0	-.1	-.2	-.4	-.3	-.3	-.3	-.1	.0	.0	.0	-.1	-.1	-.4	-.2	-.4	-.4	-.4	-.3	-.4	-.3	24	6.7
30	-.2	-.3	-.4	-.3	-.3	.0	.0	-.2	-.2	.0	.0	.1	.0	-.1	.0	.0	-.1	-.1	-.2	.0	.6	5.7	-.2	-.1	24	5.7
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	29	30	30	30	29	30	30	30	30	30	30	30	30		
MAX:	35.7	.8	.4	.3	.3	5.9	.7	.8	1.9	29.0	58.9	35.6	52.2	4.2	1.8	5.1	1.1	.5	.3	1.8	1.5	5.7	4.7	41.3		
AVG:	1.47	.03	-.07	-.10	-.07	.19	-.06	-.02	.08	1.35	2.66	1.24	1.86	.20	.13	.24	-.01	-.06	-.09	.03	0.00	.18	.11	2.20		

MONTHLY OBSERVATIONS: 717 MONTHLY MEAN: .48 MONTHLY MAX: 58.9

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: DECEMBER 2018

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	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.2	.0	.0	-.3	-.3	-.4	-.3	-.2	-.4	-.4	-.5	-.4	-.4	-.5	-.5	24	0.0
2	-.3	-.2	-.4	-.4	-.2	-.2	-.2	-.1	-.1	-.2	-.4	-.4	-.5	-.5	-.5	-.1	-.1	-.4	-.6	-.6	-.3	-.2	-.2	-.1	24	-.1
3	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	.0	-.1	-.6	-.2	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.6	-.5	-.5	-.4	24	0.0
4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.2	-.1	.0	-.3	-.2	-.2	-.2	-.2	-.3	-.4	-.2	-.3	-.4	-.6	-.5	-.5	24	0.0
5	-.5	-.6	-.5	-.5	-.5	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.3	-.1	-.3	-.3	-.5	-.3	-.5	-.4	-.5	-.3	24	-.1
6	-.3	-.3	-.4	-.4	-.5	-.5	-.5	-.5	-.2	-.4	-.4	-.3	-.3	-.2	-.1	.0	-.1	-.1	-.1	-.2	-.3	-.1	-.2	-.1	24	0.0
7	-.3	-.2	-.1	.0	.0	.2	.1	.3	.3	.3	.3	.1	-.1	-.1	.0	.0	.0	.0	.2	.0	.0	.3	.4	.1	24	.4
8	-.1	-.2	-.3	-.2	-.1	-.2	.0	.1	.0	.1	.9	.3	.0	-.2	-.3	-.3	-.3	-.3	-.2	-.4	-.3	-.3	-.4	-.4	24	.9
9	-.4	-.3	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.3	-.2	-.3	-.4	-.4	-.3	-.5	-.4	-.4	-.3	-.4	-.4	-.4	-.3	24	-.2
10	-.4	-.5	-.3	-.2	-.2	-.5	-.5	-.4	-.4	-.3	-.3	-.2	-.1	-.1	-.2	-.4	-.3	-.1	-.1	-.1	-.2	-.3	-.3	-.1	24	-.1
11	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.1	-.1	-.3	-.3	-.4	-.2	.0	-.2	-.4	-.5	-.5	-.5	-.5	-.4	-.3	-.3	24	0.0
12	-.4	-.4	-.3	-.2	-.3	-.3	-.4	-.4	-.3	-.3	-.4	-.5	-.1	-.3	-.4	-.3	-.3	-.2	-.4	-.5	-.6	-.4	-.5	-.6	24	-.1
13	-.6	-.5	-.4	-.5	-.3	-.4	-.4	-.3	-.3	-.3	-.4	.6	1.7	3.4	.8	.0	.0	-.4	-.5	-.4	-.4	-.4	-.2	-.2	24	3.4
14	.0	-.2	-.2	-.3	-.3	-.3	-.3	-.4	-.5	-.4	-.3	-.2	.0	.1	-.3	-.2	-.4	-.3	-.2	-.6	-.5	-.4	-.6	-.6	24	.1
15	-.6	-.6	-.6	-.5	-.4	-.5	-.6	-.5	-.2	.9	8.4	4.7	18.7	12.7	3.4	1.2	.6	.2	-.1	-.4	-.3	.0	-.1	-.4	24	18.7
16	-.4	-.4	-.5	-.4	-.4	-.3	-.4	-.4	-.4	-.2	-.1	-.1	-.1	.0	.0	.3	-.2	-.2	-.2	.3	.7	1.0	.9	.3	24	1.0
17	.5	.2	-.2	-.1	.0	.0	.0	.0	.1	.0	.0	-.1	-.3	-.5	-.4	-.1	.0	.0	.0	.1	.0	.0	.0	-.1	24	.5
18	.0	.1	.1	.1	.1	.0	.0	.0	-.1	.6	4.5	4.0	11.9	1.3	.5	3.5	3.1	12.4	3.9	.4	.0	-.1	-.2	.0	24	12.4
19	.2	.1	-.1	-.2	-.1	.0	.2	.1	.2	.3	1.3	.7	.6	.9	.7	.5	.1	.0	.1	.0	-.3	-.3	-.1	.8	24	1.3
20	.4	.2	.0	.0	.2	.0	.0	-.3	-.2	-.3	-.1	-.1	.0	-.2	-.3	-.2	-.3	-.5	-.4	-.4	-.4	-.4	-.4	-.4	24	.4
21	-.4	-.4	-.5	-.5	-.5	-.6	-.6	-.6	-.3	-.4	-.4	-.3	-.4	-.4	-.3	-.3	-.5	-.1	.0	-.1	-.1	-.1	-.1	-.2	24	0.0
22	-.3	-.3	-.3	-.2	-.4	-.6	-.3	-.3	-.1	.1	.6	3.1	.6	1.3	.2	.0	-.2	-.1	-.2	-.4	-.5	-.4	-.3	-.2	24	3.1
23	-.4	-.3	-.4	-.3	-.2	-.2	-.3	-.5	-.3	-.4	-.3	-.3	-.2	-.3	-.4	-.3	-.3	-.1	-.1	-.1	.0	.0	.0	.0	24	0.0
24	-.3	-.4	-.2	-.2	-.4	-.4	-.3	-.4	-.3	.0	-.2	-.5	-.3	-.1	-.1	-.2	-.2	-.4	-.3	-.4	-.2	-.3	-.3	-.3	24	0.0
25	-.3	-.3	-.3	-.3	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	.3	1.8	.7	.3	.3	.2	.0	.0	.1	.1	.1	.1	24	1.8
26	.4	.7	.8	.4	.1	.0	.1	-.3	-.2	-.2	.0	.3	.3	.0	-.1	-.1	-.4	-.3	-.3	-.4	-.5	-.5	-.4	-.3	24	.8
27	-.3	-.2	-.3	-.1	.0	.0	.1	.0	.0	.0	-.3	-.3	-.4	-.4	-.5	-.6	-.6	-.7	-.7	-.7	-.6	-.4	-.5	-.5	24	.1
28	-.5	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.6	-.6	-.6	-.6	-.5	-.6	-.4	24	-.4
29	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.3	-.2	2.6	-.1	-.2	.0	1.0	-.2	.4	.9	1.4	2.2	.2	-.2	-.2	24	2.6
30	-.2	-.1	-.2	-.3	-.3	-.3	-.4	-.4	-.3	-.2	-.1	.0	.1	.1	.0	.0	.2	-.3	-.2	.0	-.1	-.3	-.3	.7	24	.7
31	.3	.0	-.1	-.3	-.3	-.3	-.4	-.4	-.4	-.2	.0	.0	.0	-.1	.0	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.3	-.4	24	.3
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.5	.7	.8	.4	.2	.2	.2	.3	.3	.9	8.4	4.7	18.7	12.7	3.4	3.5	3.1	12.4	3.9	1.4	2.2	1.0	.9	.8		
AVG:	-.21	-.23	-.25	-.25	-.24	-.28	-.27	-.28	-.22	-.13	.31	.35	.92	.49	0.00	.04	-.10	.17	-.09	-.22	-.20	-.22	-.24	-.19		

MONTHLY OBSERVATIONS: 744 MONTHLY MEAN: -.06 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

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LONGITUDE: -88.252185501
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UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SITE ID: 55-087-0015 POC: 1
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CITY: (38800) Kaukauna
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SITE COMMENTS:
MONITOR COMMENTS:

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AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: JANUARY 2019

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	-.1	-.2	.0	-.1	-.3	-.4	-.4	-.1	-.2	-.2 3	-.2 3	-.1 3	-.2 3	-.2 3	-.2 3	-.3 3	-.1 3	-.1 3	-.2 3	-.3 3	-.1 3	-.4	-.2 3	24	0.0
2	-.2 3	-.2 3	-.3 3	-.4 3	-.2 3	-.3 3	-.4	-.1	-.1	.1	.2	.6	.1	.0	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.3	-.4	-.3	24	.6
3	-.2	-.1	-.2	-.1	-.3	-.3	-.2	-.3	-.3	-.1	.0	.0	.0	.1	.1	-.2	-.2	-.3	-.3	-.4	-.3	-.3	-.1	-.3	24	.1
4	.0	-.3	-.1	-.1	-.1	-.2	-.2	-.2	-.1	.1	.3	.3	.4	.0	-.1	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.4	-.3	24	.4
5	-.3	-.3	-.2	-.2	-.2	-.5	-.3	-.4	-.1	-.1	.2	.4	.4	.1	.3	.2	.0	.0	-.1	-.1	-.2	-.2	-.5	-.5	24	.4
6	-.4	-.5	-.4	-.3	-.5	-.2	-.1	-.2	-.3	-.3	-.2	-.2	-.2	-.2 3	-.2 3	-.3 3	-.4 3	-.4 3	-.1 3	-.1 3	.0 3	-.1 3	.0 3	-.1 3	24	0.0
7	.0 3	-.1 3	.0 3	.0 3	-.1 3	.0 3	.0 3	-.1 3	-.3 3	.0 3	-.2 3	-.2 3	4.5 3	.6 3	.3	.0	-.1	-.2	-.2	-.1	-.1	.0	.0	-.3	24	4.5
8	-.5	-.2	-.1	-.3	-.2	-.2	-.3	-.3	-.3	-.3	.0	.0	-.2	-.3	-.2	-.3	-.3	-.3	-.5	-.4	-.6	-.6	-.6	-.4	24	0.0
9	-.3	-.5	-.6	-.5	-.3	-.2	-.3	-.2	-.2	-.2	-.1	-.1	-.2	-.3	-.4	-.3	-.4	-.3	-.2	-.3	-.4	-.3	-.3	-.3	24	-.1
10	-.2	-.3	-.2	-.1	.0	-.1	-.1	-.2	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.3	-.3	-.3	-.2	-.3	-.2	24	0.0
11	-.1	-.2	-.3	-.2	-.4	-.4	-.3	-.3	.1	10.7	.8	.3	.1	.0	.0	.1	.0	.0	-.1	.0	.0	-.1	-.2	-.1	24	10.7
12	-.1	-.2	-.1	.0	.0	.0	-.1	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	24	0.0
13	-.1	.0	-.1	-.1	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	24	0.0
14	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.3	-.1	-.3	-.2	-.2	-.3	-.3	-.4	-.3	-.3	-.2	-.3	24	-.1
15	-.1	-.2	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.4	-.4	-.3	-.3	-.2	-.3	-.3	-.3	-.2	-.4	-.3	-.4	-.4	-.4	-.3	24	-.1
16	-.2	-.3	-.2	-.1	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	24	.1
17	.0	.0	-.1	.0	.0	-.1	-.2	-.3	-.2	-.1	-.2	.0	.2	.1	.0	.0	.9	-.2	-.3	-.3	-.1	.0	.0	-.1	24	.9
18	-.2	-.1	-.2	-.3	-.3	-.2	-.2	-.2	-.1	.0	.0	.0	-.2	.0	.0	-.1	.0	.0	-.3	-.4	-.1	.0	-.1	.1	24	.1
19	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.1	.2 3	.2 3	.2 3	.1 3	.1 3	.1 3	.1	.2	.1	.0	.0	.0	.0	.0	24	.2
20	.0	.2	.0	.1	.0	.1	.0	.0	.1	.1	.2 3	.2 3	.2 3	.1 3	.2 3	.2 3	.1 3	.1	.0	.0	.0	.1	.0	.0	24	.2
21	.1	.0	.0	.0	.0	.2	.2	.2	.2	1.3	.9 3	.5 3	.5 3	.4 3	.3	.2	.1	.1	.1	.1	.1	.1	.0	.1	24	1.3
22	.0	.0	.1	.0	.0	27.4	22.7	34.5	54.5	21.0	4.6	1.5	.9	.8	.7	.6	.5	.3	.4	.3	.3	.3	.3	.3	24	54.5
23	.3	.3	.2	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.1	24	.3
24	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.5	.6	.3	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	24	.6
25	.0	.0	.0 3	-.1 3	.0 3	.0 3	.0 3	.0 3	.2	.3	.3	.4	.4	.5	.4	.3	.1	.1	.4	.1	.1	.1	.0	.1	24	.5
26	.0	.0	.0	-.1	.0	.0	.0	.0	.1	.1	.4	.4	.4	.3	.3	.3	.2	.2	.2	.2	.1	.1	.1	.1	24	.4
27	.1	.2	.1	.2	.1	.1	.1	.1	.2	.3	.2	.5	.3	.4	.3	.3	.2	.1	.4	.4	.2	.2	.2	.2	24	.5
28	.2	.2	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.2	.2	.1	.1	.2	.1	.1	.1	.0	.0	.0	.0	24	.2
29	.1	.2	.1	.1	.2	.2	.2	.1	.1	.2	.3	.3	.2	.2	.1	.0	.1	.0	.1	.0	.0	.0 3	.0 3	.0 3	24	.3
30	.0 3	.1 3	.0 3	.0 3	.0 3	.0 3	.0 3	.1 3	.1 3	.3	.2	.2	.2	.5	.4	.4	.3	.3	.2	.2	.2 3	.3 3	.5 3	.5 3	24	.5
31	.4 3	.5 3	.6 3	.5 3	.3 3	.2 3	.1 3	.3 3	.3 3	.8 3	.9	.9	.8	.5	.5	.5	.4	.3	.3	.3	.4	.4	.5	.6	24	.9
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.4	.5	.6	.5	.3	27.4	22.7	34.5	54.5	21.0	4.6	1.5	4.5	.8	.7	.6	.9	.3	.4	.4	.4	.4	.5	.6		
AVG:	-.06	-.06	-.08	-.07	-.08	.81	.64	1.01	1.72	1.08	.28	.20	.28	.12	.08	.03	.02	-.03	-.04	-.07	-.08	-.06	-.08	-.06		

MONTHLY OBSERVATIONS: 744 MONTHLY MEAN: .23 MONTHLY MAX: 54.5

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: FEBRUARY 2019

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	.8	1.0	.7	.4	.4	.3	.3	.4	.4	1.1	3.0	2.1	1.4	1.1	1.0	.8	.6	.5	.6	1.3	2.6	1.4	1.4	1.3	24	3.0
2	1.3	1.2	1.0	.9	.9	1.0	1.2	1.1	1.5	1.3	1.1	1.2	1.0	.9	.6	.5	.4	.4	.2	.3	.2	.2	.3	.3	24	1.5
3	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.2	-.1	-.1	24	.3
4	-.1	-.1	-.2	-.1	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.4	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	24	-.1
5	-.2	-.2	-.2	-.1	-.2	-.1	-.2	-.1	-.2	-.1	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	24	0.0
6	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	24	.1
7	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.3	.7	.6	.5	.3	.1	.1	.0	-.1	.0	.0	.0	-.1	-.1	-.1	24	.7
8	.0	-.1	.0	.0	.0	-.1	.0	.0	.1	.0	.1	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	.2
9	.0	.0 3	.0 3	.0 3	.1 3	.2 3	.1 3	.1 3	.1 3	.3	4.1	.6	.5	.4	.4	.3	.2	.2	.2	.1	.1	.1	.1	.1	24	4.1
10	.0	.1	.1	.1	.0	.2	.6	.6	.6	.8	1.0	1.2	.6	.6	.7	.5	.3	.1	.1	.0	.1	.1	.1	.1	24	1.2
11	.1	.1	.0	.1	.1	.0	.1	.0	.1	.2	.4	.5	.4	.2	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	24	.5
12	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.1	.2	.1	.0	-.1	-.1	.0	-.2	-.1	-.2	-.2	-.1	-.1	24	.2
13	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.2	.0	.0	.0	.1	.0	.0	.3	.2	.0	.0	.1	.0	.0	-.1	-.1	.1	24	.3
14	.5	.0	.0	.0	.0	-.1	.0	-.1	.0	.1	1.4	2.2	1.9	1.8	.7	.4	.3	.2	.0	.0	.0	.0	.0	.0	24	2.2
15	-.1	-.2	-.2	-.1	-.1	-.2	-.1	-.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	24	.1
16	.0	-.1	-.2	-.2	-.2	-.2	-.2	.0	.1	.0	.2	.6	.3	3.6	.1	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	24	3.6
17	.2	.2	.1	.1	.1	.2	.3	.2	.5	.8	.6	.5	.5	.3	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	24	.8
18	.1	.0	.0	.0	.0	.0	.0	.0	BF	BF	BF	BF	BF	BF	BF	BF	BF	BF	BF	-.1	-.2	-.1	-.2	-.3	13	.1
19	-.2	-.2	-.2	-.2	-.2	-.3	-.4	-.5	-.2	.1	.1	.1	.0	.8	.0	.3	.0	-.1	-.2	.0	-.2	-.3	-.2	-.2	24	.8
20	-.3	-.1	-.2	-.2	-.3	-.3	-.3	-.1	-.2	-.1	-.1	.0	.0	.0	.0	-.1	-.1	-.2	-.2	-.5	-.4	-.4	-.5	-.5	24	0.0
21	-.3	-.3	-.3	-.3	-.4	-.4	-.5	-.6	-.1	-.1	-.2	.1	.2	.0	.1	.0	-.2	.0	.0	.1	.3	-.2	-.1	-.1	24	.3
22	-.2	-.4	-.4	-.2	-.2	-.2	-.3	-.3	.9	6.7	11.7	1.1	.8	.5	.6	.2	.0	.0	.0	-.1	-.2	-.2	-.2	-.1	24	11.7
23	-.1	-.2	-.1	-.2	-.3	-.3	-.4	-.5	-.2	.0	-.1	.0	.1	.3 3	.1 3	.0 3	.0 3	.0	-.1	-.2	-.3	-.3	-.3	-.3	24	.3
24	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.3	-.3	-.2	-.3	-.3	24	-.2
25	-.3	-.3	-.2	-.3	-.3	-.2	-.2	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	0.0
26	-.1	-.1	-.1	.0	.0	.0	.0	.0	.1	.2	.3	.5	.2	.9	1.1	.2	.1	.2	.2	.0	.0	.2	.2	.4	24	1.1
27	1.4	.3	.1	.1	.5	.1	.0	.1	.2	2.0	1.6	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	24	2.0
28	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.3	.5	.6	.7	.7	.6	.5	.5	.4	.4	.3	.2	.1	.0	.1	.1	24	.7
29																									0	
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	27	27	27	27	27	27	27	27	27	27	27	28	28	28	28	28		
MAX:	1.4	1.2	1.0	.9	.9	1.0	1.2	1.1	1.5	6.7	11.7	2.2	1.9	3.6	1.1	.8	.6	.5	.6	1.3	2.6	1.4	1.4	1.3		
AVG:	.08	.01	-.03	-.03	-.04	-.05	-.04	-.03	.12	.50	.95	.43	.34	.44	.24	.14	.06	.04	.01	.01	.04	-.03	-.01	0.00		

MONTHLY OBSERVATIONS: 661 MONTHLY MEAN: .13 MONTHLY MAX: 11.7

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: MARCH 2019

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	.0	.0	.0	.0	.0	.0	.4	.4	.3	.2	1.4	24.1	24.0	7.1	3.2	1.2	1.2	4.0	.9	.2	.1	.0	.0	24	24.1
2	.0	.0	.0	.0	.0	-.1	.0	.0	.3	.4	.2	.1	.1	.0	.0	.0	.0	-.2	-.2	-.2	.0	-.1	-.1	-.1	24	.4
3	.0	-.1	-.3	-.2	-.2	-.2	-.3	-.2	-.1	-.1	-.2	-.2	-.1	-.2	-.3	-.3	-.3	-.5	-.4	-.3	-.4	-.2	-.1	-.2	24	0.0
4	.2	.3	.3	.4 3	.4 3	.7 3	.5 3	1.1 3	1.0	.9	.7	.6	.6	.4	.3	.2	.3	.1	.0	.0	.1	.1	.0	.0	24	1.1
5	.0	.0	-.1	-.1	.0	.0	.0	.7	.5	.6	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.3	24	.7
6	.9	.6	.4	.1	.1	.0	.0	.0	.1	.1	.3	.3	.3	.3	1.2	.5	.5	.5	.3	.2	.2	.0	.0	.0	24	1.2
7	.0	.0	.0	.0	.0	-.1	-.1	.1	.1	.1	.0	.0	.1 3	6.6	6.1	.5	.4	.3	.2	.0	.0	.0	.0	.0	24	6.6
8	.0	-.2	.0	-.3	-.3	-.1	-.1	.0	.3	.8	8.8	5.7	1.1	.7	.3	.2	.3	.2	.0	.0	.0	.0	-.1	-.1	24	8.8
9	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.3	-.1	.2	.1	.3	.2	.2	.0	.0	.3	.4	.4	.0	-.1	-.2	-.2	-.2	24	.4
10	-.2	-.1	-.3	-.3	-.2	-.3	-.3	-.3	-.3	.0	.0	.0	-.1	-.3	-.2	-.1	.0	-.1	-.2	-.1	-.1	.0	.0	-.1	24	0.0
11	.0	.0	.1	.1	.0	.0	.0	.2	.1	.0	.0	.1	.0	.1	.0	.0	-.1	-.1	.0	.5	.2	.2	.0	-.1	24	.5
12	-.1	-.2	-.4	-.1	-.3	-.4	-.2	.0	.0	.0	.1	.1	.0	.1	.2	10.0	12.0	.2	.0	-.2	-.1	-.2	-.2	-.2	24	12.0
13	-.3	-.3	-.3	.0	-.1	-.1	.0	-.2	-.1	.0	-.2	.0	.4	.2	-.1	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	24	.4
14	-.4	-.5	-.5	-.4	-.5	-.4	-.4	-.5	-.4	AZ	AZ	2.0	2.0	1.1	.3	9.2	.8	-.1	-.3	-.5	-.5	-.6	-.5	-.4	22	9.2
15	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.4	-.5	-.4	-.4	-.3	-.4	-.3	-.4	-.5	-.4	-.5	-.5	-.4	-.5	-.4	-.4	-.4	24	-.3
16	-.4	-.3	-.3	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.1	-.2	-.2	-.1	24	-.1
17	-.2	-.1	-.2	-.2	-.2	-.2	-.1	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.3	-.2	-.2	.0	-.1	-.4	-.4	-.3	24	.1
18	-.2	-.2	-.5	-.5	-.2	-.3	-.2	-.2	-.2	-.2	-.1	.4	.0	.0	-.5	-.2	-.1	-.1	-.2	.0	-.3	-.3	-.2	-.2	24	.4
19	-.2	-.3	-.3	-.3	-.4	-.4	-.3	-.1	.0	.1	.6	.3	.3	-.1	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.3	-.4	-.3	24	.6
20	-.4	-.5	-.5	-.4	-.3	-.3	-.3	-.1	-.1	.0	.0	.0	.2	2.3	.7	.2	-.1	-.3	-.3	-.2	-.3	-.4	-.3	-.3	24	2.3
21	-.4	-.3	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.4	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.3	-.4	-.3	-.3	-.3	-.4	24	-.1
22	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.4	-.3	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	24	-.2
23	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.2	-.4	-.3	-.3	-.3	-.2	24	0.0
24	-.3	-.3	-.3	-.3	-.4	-.5	-.6	-.7	-.4	-.1	.0	.1	-.1	.2	.4	.0	-.2	-.1	-.1	.1	.2	-.2	-.2	-.2	24	.4
25	-.2	-.2	-.2	-.3	-.3	-.2	.0	.4	.5	.0	.2	.0	-.2	-.3	-.3	-.3	-.2	.0	3.0	.7	.1	.0	.0	-.1	24	3.0
26	-.2	-.2	-.1	-.1	-.2	-.1	.0	1.7	3.1	1.2	.2	.4	1.1	1.0	.7	.9	1.9	2.4	12.7	1.2	.2	.1	.2	.0	24	12.7
27	.0	.2	.3	.2	.3	.5	.7	.2	.2	.9	4.1	3.8	2.3	2.5	6.6	6.5	1.7	.4	.5	.4	.3	.1	.0	.0	24	6.6
28	-.1	.0	.0	-.1	-.2	-.2	-.3	.0	.0	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.3	24	0.0
29	-.3	-.3	-.3	-.3	-.3	-.3	-.2	.1	.5	-.1	-.1	-.2	-.2	.7	.8	.2	1.8	.4	-.1	-.3	-.3	-.3	-.2	.0	24	1.8
30	.9	1.2	.2	.0	.0	-.2	-.1	.0	-.1	-.3	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.3	-.3	-.3	24	1.2
31	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.3	-.2	-.3	-.4	-.2	-.3	-.3	-.1	-.1	24	-.1
NO.:	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.9	1.2	.4	.4	.4	.7	.7	1.7	3.1	1.2	8.8	5.7	24.1	24.0	7.1	10.0	12.0	2.4	12.7	1.2	.3	.2	.2	.3		
AVG:	-.10	-.10	-.16	-.16	-.17	-.17	-.14	.02	.11	.09	.43	.44	.98	1.22	.67	.90	.57	.05	.52	-.02	-.13	-.18	-.17	-.16		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: .18 MONTHLY MAX: 24.1

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: APRIL 2019

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	-.1	-.1	-.1	.0	.6	4.1	17.1	.6	9.0	.8	.3	.2	.4	.4	.2	.0	-.1	-.1	-.2	-.2	-.1	24	17.1
2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.2	.0	-.1	-.2	.2	.0	-.2	-.3	-.2	-.3	-.2	-.2	-.2	24	.2
3	-.2	-.2	-.3	-.2	-.1	-.1	-.2	.0	.0	-.1	-.1	-.2	-.1	-.2	-.3	-.3	-.2	-.2	-.1	-.2	-.2	-.2	-.1	-.2	24	0.0
4	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	0.0
5	-.2	-.2	-.2	-.3	-.2	-.2	-.1	-.3	-.2	-.2	.0	.0	.0	.0	.0	-.1	-.2	-.4	-.3	-.3	-.3	-.6	-.5	-.3	24	0.0
6	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.1	.0	-.1	-.2	-.3	-.2	-.3	-.3	-.4	-.5	-.4	-.4	-.4	24	0.0
7	-.3	-.3	-.4	-.3	-.4	-.3	-.4	-.2	.8	1.5	.8	.1	.0	-.2	-.4	-.4	-.5	-.4	-.4	-.4	-.5	-.5	-.4	-.5	24	1.5
8	-.4	-.5	-.4	-.5	-.5	-.5	-.4	-.3	-.2	-.2	-.2	-.3	3.1	1.1	5.2	.4	.0	-.4	-.4	-.2	-.4	-.5	-.5	-.5	24	5.2
9	-.5	-.5	-.5	-.5	-.5	-.4	-.3	-.2	-.2	-.3	-.4	-.4	-.5	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.4	-.4	-.4	24	-.2
10	-.4	-.4	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.4	-.3	24	-.2
11	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.4	-.3	-.4	-.3	-.4	-.3	-.4	-.3	-.4	-.3	-.3	-.4	-.6	24	-.2
12	-.5	-.3	-.3	-.4	-.4	-.4	-.4	-.2	-.2	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	24	-.2
13	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	-.2
14	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	.1	-.1	.0	-.1	-.3	-.2	-.2	-.2	24	.1
15	-.1	-.2	-.3	-.3	-.3	-.1	.0	-.1	-.1	5.9	.8	15.8	1.4	16.2	2.6	4.4	5.5	2.8	.0	-.3	-.3	-.1	-.1	-.1	24	16.2
16	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	1.6	1.2	.2	.0	.0	.1	.4	.6	.8	.4	-.1	-.3	-.3	-.3	-.3	24	1.6
17	-.4	-.5	-.4	-.4	-.4	-.5	-.4	-.3	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.5	-.5	24	-.3
18	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.6	-.6	-.5	-.6	-.4	-.6	-.5	-.5	-.4	24	-.4
19	-.4	-.5	-.4	-.4	-.5	-.5	-.6	-.5	-.3	-.3	-.3	-.3	-.4	-.5	-.6	-.5	-.5	.2	.6	-.1	-.2	-.2	-.3	-.3	24	.6
20	-.4	-.3	-.4	-.4	-.4	-.4	-.2	-.1	.2	-.1	-.2	-.4	-.4	-.1	.0	7.8	9.1	12.0	.7	.5	.5	.6	.2	.3	24	12.0
21	.4	.1	.1	.1	.3	.0	.0	.0	.1	.0	.4	11.6	16.9	10.3	5.3	.6	3.7	.3	.1	.4	.6	.6	1.1	.4	24	16.9
22	-.1	-.3	-.1	.0	-.2	-.2	.8	2.4	.1	-.2	.1	1.6	1.1	.0	-.2	.0	-.6	-.4	-.4	-.5	-.5	-.6	-.5	-.5	24	2.4
23	-.3	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	24	-.2
24	-.4	-.3	-.5	-.4	-.5	1.6	1.9	1.5	13.8	.8	.2	5.0	.7	29.6	3.3	6.7	3.4	3.2	2.0	.2	1.2	.2	.0	-.1	24	29.6
25	-.1	-.2	-.2	-.3	-.3	-.3	.0	.0	.0	-.1	.0	.0	-.2	-.2	-.2	-.3	-.4	-.4	-.3	-.3	-.4	-.3	-.3	-.4	24	0.0
26	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.5	-.4	-.3	-.3	-.2	-.3	-.4	-.4	-.4	-.6	-.4	-.4	-.3	24	-.2
27	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.1	-.1	.0	.2	.0	-.1	-.2	.3	-.2	-.3	-.1	-.1	-.2	-.1	-.1	24	.3
28	-.2	-.1	-.1	-.2	-.2	-.2	1.6	1.2	.3	1.9	8.5	2.6	9.3	16.3	4.6	1.5	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	24	16.3
29	-.1	.8	.3	.1	.0	-.1	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1 3	.0 3	-.1 3	-.2	-.2	-.2	-.2	-.2	-.3	-.3	24	.8
30	-.2	-.3	-.3	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.3	24	-.1
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.4	.8	.3	.1	.3	1.6	1.9	2.4	13.8	17.1	8.5	15.8	16.9	29.6	5.3	7.8	9.1	12.0	2.0	.5	1.2	.6	1.1	.4		
AVG:	-.25	-.25	-.27	-.27	-.27	-.21	-.08	0.00	.49	.78	.25	1.35	.95	2.29	.51	.55	.56	.41	-.11	-.21	-.22	-.24	-.24	-.26		

MONTHLY OBSERVATIONS: 720 MONTHLY MEAN: .22 MONTHLY MAX: 29.6

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: MAY 2019

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	-.4	-.2	-.2	-.2	-.3	-.3	-.3	-.4	-.6	-.5	-.6	-.5	-.5	-.4	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	24	-.2
2	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	.1	5.8	25.4	23.3	1.6	.1	.0	1.0	.1	.0	.0	-.1	-.1	-.2	-.1	24	25.4
3	-.1	-.3	-.4	-.3	-.3	-.3	-.2	.1	.6	.4	.1	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	.6
4	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	.1	.0	.2	.0	.6	7.7	4.6	5.0	.2	.0	1.8	-.1	-.3	-.3	-.3	-.4	24	7.7
5	-.4	-.3	-.1	-.1	-.1	-.1	.1	.0	.0	.0	.0	.0	.3	1.4	6.9	5.3	3.9	-.1	.2	.3	.0	-.1	-.1	-.1	24	6.9
6	-.2	.0	.0	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.1	BF	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	11	0.0
7	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	
8	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BF	BF	BF	BF	BF	BF	BF	BF	BF	BF	.2	-.1	-.2	-.2	-.3	5	.2
9	-.3	-.2	-.1	-.2	-.3	AY	AY	AY	AY	-.1	-.2	-.1	-.1	-.2	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.1	-.1	-.2	20	-.1
10	-.1	-.2	-.2	-.3	-.2	-.1	-.3	-.2	-.2	-.2	-.2	-.1	-.3	-.4	-.4	-.2	-.2	-.2	-.3	-.2	-.3	-.2	-.3	-.1	24	-.1
11	-.2	-.1	-.2	-.3	-.5	-.4	.1	.4	.6	.0	.0	-.1	-.2	3.3	4.2	7.1	1.1	.8	-.1	-.2	-.3	-.4	.6	.0	24	7.1
12	-.2	-.2	-.3	-.3	-.3	-.3	.0	.0	-.1	.0	.1	.0	-.2	-.2	.0	-.1	-.2	-.3	-.1	-.4	-.3	-.3	-.4	-.4	24	.1
13	-.4	-.5	-.4	-.5	-.4	-.5	-.3	-.3	-.4	-.2	-.4	-.4	-.3	-.3	-.4	-.4	-.3	-.3	-.1	-.3	-.4	-.4	-.5	-.4	24	-.1
14	-.5	-.4	-.5	-.4	-.5	-.3	-.1	-.1	.0	.0	.7	1.9	2.3	5.1	.3	.0	.1	.0	-.1	-.1	.0	.6	-.1	-.1	24	5.1
15	-.1	-.4	-.2	-.2	-.1	.0	.2	.0	.0	-.1	.0	-.1	4.0	8.5	32.3	10.4	.4	.0	.0	.1	.0	-.1	-.1	.0	24	32.3
16	.0	-.1	-.2	-.3	-.3	.2	1.6	.1	-.1	.5	.0	.0	.0	-.1	-.1	-.1	.2	.2	-.1	-.1	-.2	-.2	-.3	-.3	24	1.6
17	-.3	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.2	-.2	-.2	.0	.0	.0	-.2	-.2	-.2	-.1	-.2	-.1	-.2	-.1	-.2	-.2	24	0.0
18	-.2	-.2	-.3	-.4	-.2	-.2	-.3	-.3	-.4	-.4	-.2	-.4	-.3	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	24	-.2
19	-.6	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.5	-.5	24	-.4
20	-.5	-.4	-.5	-.5	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.4	-.5	-.3	-.1	-.4	24	-.1
21	-.3	-.4	-.4	-.4	-.3	-.2	-.2	.0	.0	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.1	-.1	-.1	.0	-.1	-.2	-.3	-.1	24	0.0
22	3.8	.3	.0	-.1	2.3	.5	.1	.0	.0	.0	.2	.3	.6	.9	.5	.8	.7	6.9	.9	.0	-.1	-.1	-.1	-.1	24	6.9
23	-.1	.0	-.2	-.2	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.2	-.4	-.3	-.2	-.1	.0	.0	-.3	-.4	-.2	-.3	-.3	-.2	24	0.0
24	-.2	-.3	-.1	-.5	-.4	-.2	-.3	-.3	.0	.0	-.1	-.1	-.1	-.2	-.2	-.3	-.2	-.3	-.3	-.2	-.1	-.1	-.2	-.1	24	0.0
25	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.1	-.1	.1	.9	.4	-.1	.0	-.1	.0	.1	.1	.0	.0	-.1	-.2	-.2	24	.9
26	-.2	-.1	-.2	-.2	-.1	-.1	.0	-.2	-.3	-.2	-.1	-.1	.1	.4	.4	.0	-.1	-.1	-.2	.1	.0	-.1	.0	-.1	24	.4
27	.0	-.1	-.1	.0	-.1	-.1	-.1	-.2	-.1	-.2	-.1	.0	.0	-.1	-.1	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	24	0.0
28	-.2	-.3	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.2	-.1	-.3	-.4	-.3	-.3	-.3	-.3	-.3	24	-.1
29	-.3	-.3	-.3	-.3	-.2	-.3	-.2	.3	.0	1.4	.9	1.0	.0	.0	-.2	14.7	.1	-.1	.0	-.1	-.2	-.2	-.3	-.3	24	14.7
30	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.1	.2	.2	.0	-.1	.0	-.1	.4	.9	-.2	.0	-.3	-.4	-.3	-.3	-.3	-.3	24	.9
31	-.3	-.4	-.4	-.3	-.4	-.5	-.2	-.2	-.4	-.2	-.2	-.1	-.2	-.2	-.3	-.3	-.4	-.4	-.3	.0	.0	-.3	-.3	-.4	24	0.0
NO.:	29	29	29	29	29	28	28	28	28	29	29	28	28	28	28	28	28	28	28	29	29	29	29	29		
MAX:	3.8	.3	0.0	0.0	2.3	.5	1.6	.4	.6	1.4	5.8	25.4	23.3	8.5	32.3	14.7	3.9	6.9	1.8	.3	0.0	.6	.6	0.0		
AVG:	-.11	-.24	-.26	-.29	-.20	-.22	-.13	-.15	-.11	-.07	.14	.92	.98	.86	1.59	1.41	.11	.11	-.09	-.16	-.21	-.21	-.22	-.23		

MONTHLY OBSERVATIONS: 684 MONTHLY MEAN: .13 MONTHLY MAX: 32.3

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: JUNE 2019

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	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.1	-.2	-.3	-.2	-.1	-.1	-.3	-.3	-.2	-.1	-.1	-.1	24	-.1
2	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.1	24	-.1
3	-.1	-.1	.0	-.1	-.1	.2	7.3	.6	3.1	.4	23.6	14.5	8.8	11.6	4.3	5.9	.2	.2	.2	.0	16.2	6.1	23.5	1.8	24	23.6
4	1.2	.7	.3	.1	.1	.6	.8	.4	.2	.1	.0	.6	.0	1.0	2.0	.7	.1	.1	.0	.0	.0	.0	.1	.0	24	2.0
5	-.1	-.2	-.2	-.3	-.2	-.3	-.1	.0	-.2	.0	.0	.2	.0	.0	.2	-.1	-.2	-.1	-.3	-.4	-.4	-.3	-.3	-.3	24	.2
6	-.4	-.2	-.3	-.3	-.2	-.4	-.2	-.2	-.1	-.2	-.2	-.2	-.1	.1	.8	22.4	7.8	.9	.1	.0	.0	.0	-.1	.0	24	22.4
7	-.1	-.1	.0	.0	.0	.0	.6	2.2	.9	.6	.5	.3	.5	.0	.0	.1	.1	.2	.0	.0	-.2	-.2	.0	.0	24	2.2
8	.0	.0	-.2	-.2	-.3	-.2	.0	.5	.0	.0	.1	.1	.2	.1	.0	.1	.0	.2	.2	.0	.0	-.2	-.2	-.1	24	.5
9	.0	.1	.0	-.1	-.1	-.1	.0	.4	.6	.7	.5	.1	.0	-.1	-.1	-.1	-.2	-.1	-.2	-.4	-.3	-.3	-.2	-.3	24	.7
10	-.1	-.1	.0	-.2	-.2	-.2	-.1	-.3	-.4	-.3	-.4	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	24	0.0
11	-.2	-.2	-.3	-.3	-.2	-.3	-.2	6.4	3.2	2.1	4.8	.2	-.1	-.3	.0	-.3	-.3	-.3	-.3	1.0	2.0	.2	.8	.2	24	6.4
12	-.1	-.2	-.3	-.3	-.2	-.2	-.1	-.1	.0	.1	3.7	1.5	.8	.5	.2	.0	-.2	-.4	-.5	-.3	-.4	-.1	-.1	-.1	24	3.7
13	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	.1	.3	.9	24	.9
14	.3	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.2	.0	-.1	-.1	-.1	.0	.0	.0	24	.3
15	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	-.1	-.2	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	0.0
16	-.1	-.1	-.1	-.1	-.5	-.3	-.1	-.4	-.3	-.2	-.1	.0	-.1	-.1	-.1	.0	-.1	-.3	-.4	-.5	.0	.0	.0	.0	24	0.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	.4	6.3	.9	.1	.2	.1	.2	.3	.0	.1	.0	.0	24	6.3
18	.0	.0	-.2	-.3	-.2	.0	.0	.0	-.1	2.2	.0	.0	-.2	.0	.0	-.1	-.1	.0	-.3	-.3	-.2	-.3	-.4	-.1	24	2.2
19	-.3	-.4	-.3	-.3	-.3	-.4	-.4	.0	-.1	-.1	-.1	.0	.3	.1	.0	.0	-.1	-.2	-.3	-.5	-.4	-.3	-.4	-.5	24	.3
20	-.5	-.4	-.4	-.3	-.5	-.5	-.5	-.3	-.2	-.1	-.2	-.1	-.4	-.3	-.2	-.2	-.3	.0	.0	-.2	-.3	-.3	-.4	-.3	24	0.0
21	-.2	-.2	-.2	-.3	-.2	-.2	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.3	-.2	-.2	-.2	-.3	-.2	-.3	-.4	-.3	24	0.0
22	-.3	-.1	-.2	-.3	-.3	-.1	-.1	.1	.2	.2	.3	.2	.1	.0	.1	.0	.0	.1	.0	-.1	-.1	-.1	-.1	-.1	24	.3
23	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.3	3.9	.4	.2	-.1	-.1	-.2	.0	.0	-.1	-.2	-.1	.0	.3	-.3	24	3.9
24	.0	-.2	.0	.0	-.2	-.1	.0	.1	.0	-.2	-.2	-.4	-.4	-.4	-.4	-.3	-.4	-.5	-.5	-.6	-.5	-.5	-.5	-.5	24	.1
25	-.4	-.4	-.4	-.5	-.5	-.4	-.2	-.2	-.1	-.1	.1	.0	-.1	.0	.0	.2	-.1	-.1	-.3	.0	.6	.0	-.2	-.1	24	.6
26	-.2	-.3	-.4	-.4	-.2	-.1	-.3	-.2	.0	.0	-.2	-.2	-.1	-.2	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.3	-.2	-.1	24	0.0
27	.0	-.2	-.2	-.3	-.4	-.2	.3	4.3	8.3	8.3	.2	.0	2.0	.2	.6	1.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.1	24	8.3
28	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.2	.3	.1	.6	1.3	1.2	3.0	.4	.1	.0	.0	-.1	-.1	-.1	-.2	-.1	24	3.0
29	-.1	-.1	-.1	-.3	-.2	-.1	.0	.9	3.8	4.2	1.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.6	.3	.0	24	4.2
30	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	-.1	-.2	5.5	3.0	1.1	.4	.2	.0	.0	-.1	-.2	-.1	-.2	24	5.5
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	1.2	.7	.3	.1	.1	.6	7.3	6.4	8.3	8.3	23.6	14.5	8.8	11.6	4.3	22.4	7.8	.9	.2	1.0	16.2	6.1	23.5	1.8		
AVG:	-.08	-.12	-.15	-.19	-.20	-.14	.20	.45	.60	.59	1.24	.59	.41	.81	.43	.98	.20	-.04	-.13	-.14	.47	.09	.68	-.04		

MONTHLY OBSERVATIONS: 720 MONTHLY MEAN: .27 MONTHLY MAX: 23.6

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: JULY 2019

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	-.2	-.2	-.1	-.1	-.2	-.1	.0	.1	.0	.0	.0	.4	-.1	-.2	-.2	-.4	-.3	-.3	-.3	-.3	-.4	-.3	24	.4
2	-.1	-.3	-.3	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.1	-.2	-.2	-.2	-.4	-.3	-.3	-.3	-.3	-.2	-.1	-.3	-.1	.0	24	0.0
3	.0	-.1	-.2	-.2	.0	-.2	-.1	.0	-.1	-.1	-.1	-.1	.0	.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	24	.1
4	.0	.2	.0	.0	.0	-.1	.0	.6	1.9	3.1	3.2	.9	9.8	7.5	.6	1.4	.5	.0	.0	.0	.0	.1	.0	.0	24	9.8
5	.0	-.1	.0	-.1	-.1	-.1	-.1	.0	.0	-.2	-.2	-.1	.0	.0	.0	-.2	-.1	.0	.0	.0	-.1	-.2	-.2	-.1	24	0.0
6	-.2	-.2	.0	.0	.0	-.1	-.1	-.1	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.1	24	0.0
7	-.3	-.3	-.2	-.4	-.3	-.2	-.2	.0	.0	.0	.0	-.1	-.3	-.2	-.2	-.1	.0	.0	.0	.0	.6	.0	.0	.0	24	.6
8	.0	.0	.0	.0	.0	.0	.4	1.3	.9	.5	.3	.4	.2	.1	.2	.3	.3	.3	.3	.0	.2	.7	.2	.1	24	1.3
9	.1	.0	.0	.0	.1	.1	.8	2.7	9.9	18.1	2.9	15.0	9.6	6.5	11.2	4.5	.9	.7	.5	.3	.2	.6	1.3	14.8	24	18.1
10	21.5	1.3	.6	.3	.2	.0	.1	.2	.0	.0	.2	.0	.1	.4	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	24	21.5
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	.2	.6	.2	.1	.3	1.6	.6	.3	.7	.2	1.4	.4	2.8	1.2	.2	.3	.1	.0	.1	.1	.1	.0	.1	24	2.8
13	.0	.0	.0	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	24	.2
14	.0	.0	.0	.1	.1	.1	.5	.6	.7	4.2	17.0	4.5	12.1	27.0	30.6	11.1	.7	.4	.3	.1	.1	7.9	.9	6.2	24	30.6
15	22.8	8.3	3.0	1.0	.4	.4	.5	.3	.5	10.0	4.4	.9	.6	.6	.3	.0	.0	.0	.0	.2	.0	.0	.0	.0	24	22.8
16	.0	3.2	8.9	.8	.4	.3	.1	.1	.1	.1	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	24	8.9
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.0	.1	.0	24	.2
18	.0	.1	.0	.1	.3	.1	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	-.1	24	.3
19	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.1	.7	1.4	9.5	9.5	15.3	14.6	8.3	2.4	.3	.0	.0	.0	.3	24	15.3
20	.2	.1	.2	.7	.5	.2	.1	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	24	.7
21	.0	.0	.0	.0	.0	.0	.0	.1	.9	.6	.3	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	24	.9
22	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
23	.1	.0	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.1	11.9	1.1	24	11.9
24	.3	.2	.1	.2	.0	.2	.8	.8	.4	.3	.1	.9	.2	.1	.4	.1	.9	.2	.2	.2	.0	.1	.0	.1	24	.9
25	.0	.1	.0	.1	.1	.0	.3	.5	.7	.6	.4	.4	1.3	10.3	9.9	5.9	2.1	.1	.1	.1	.1	.6	1.1	.6	24	10.3
26	.4	.2	.1	.2	.2	.1	.2	.3	.2	.6	14.0	4.4	20.4	12.0	22.6	12.4	21.1	32.0	6.0	9.5	6.1	8.7	1.9	.8	24	32.0
27	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.0	.2	.1	.1	.0	.0	.2	.2	24	.4
28	.1	.0	.0	.0	.0	.0	.3	1.3	2.9	.7	20.3	2.3	1.2	6.2	5.1	6.7	7.4	1.2	.3	.2	.0	.4	.4	.1	24	20.3
29	.3	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.2	-.3	-.1	-.2	-.3	-.1	-.2	-.3	-.4	24	.3
30	-.3	-.3	-.3	-.4	-.3	-.3	-.1	.0	-.1	.0	-.1	-.2	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.8	24	1.8
31	.2	.0	-.1	.0	.0	.0	.0	.2	.2	.1	.1	.0	.0	.0	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	24	.2
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	22.8	8.3	8.9	1.0	.5	.4	1.6	2.7	9.9	18.1	20.3	15.0	20.4	27.0	30.6	15.3	21.1	32.0	6.0	9.5	6.1	8.7	11.9	14.8		
AVG:	1.46	.40	.39	.07	.05	.02	.15	.30	.62	1.26	2.04	1.01	1.83	2.68	2.95	1.84	1.55	1.38	.31	.34	.23	.59	.60	.82		

MONTHLY OBSERVATIONS: 744 MONTHLY MEAN: .95 MONTHLY MAX: 32.0

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: AUGUST 2019

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	.1	.2	1.9	1.9	.8	.3	.6	1.4	9.5	9.5	4.4	3.2	2.3	.3	.2	1.1	1.0	.6	24	9.5
2	.2	.1	.2	.0	.0	.1	.4	.9	.3	5.6	10.5	29.4	29.3	20.3	7.2	16.6	.7	.6	.2	2.2	2.1	.4	.2	.3	24	29.4
3	.2	.1	.1	.0	.0	.0	.0	-.3	-.2	-.2	-.2	-.2	-.2	-.2	3.4	.5	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.1	24	3.4
4	-.1	.0	-.1	.0	-.2	-.2	-.2	-.1	.0	.0	.0	3.4	1.5	.4	2.0	4.8	5.7	3.1	.2	.2	.1	.0	2.2	.3	24	5.7
5	.1	.0	-.1	-.2	-.3	-.3	.0	-.2	-.1	.0	BF	BF	BF	BF	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	20	.2
6	.1	.0	.1	.1	.1	.0	.0	BA	.1	.0	.0	.0	.0	.1	.1	.0	.2	.1	.0	.0	.1	.2	.1	.2	23	.2
7	.1	.2	.2	.1	.1	.1	.3	.2	.3	.4	.5	.4	.4	.5	.3	.2	.6	.3	.1	.2	.1	.1	.2	.1	24	.6
8	.1	.2	.1	.1	.1	.2	.2	.2	.3	.2	.1	.1	.1	.1	.2	.2	.1	.2	.1	.2	.2	.1	.1	.2	24	.3
9	.3	.2	.1	.0	.0	.1	.1	.1	.1	.1	.1	.2	.0	.1	.2	.1	.1	.2	.1	.1	.0	.1	.1	.1	24	.3
10	.1	.1	.2	.1	.1	.1	.3	1.7	1.4	1.6	.7	1.1	1.3	3.6	1.0	3.0	1.1	.4	.4	.4	.2	.2	2.0	1.6	24	3.6
11	1.5	.9	.5	.4	.6	.4	.3	.4	.9	1.0	9.0	1.5	2.8	1.0	.5	.9	1.3	1.1	.6	.5	.4	.2	.2	.2	24	9.0
12	.4	.3	.3	.2	.2	.3	.2	.3	.7	4.0	5.3	8.5	2.7	.8	.5	.6	.5	.3	.2	.2	.2	.2	.1	.2	24	8.5
13	.3	.2	.2	.2	.2	.2	.4	.4	.3 3	.3 3	.3 3	.7 3	.4	.2	.6	.9	.6	.4	.3	.4	.3	.2	.2	.2	24	.9
14	.1	.2	.1	.2	.2	.2	.2	.4	.3	.3	.2	.3	.3	.3	.5	.4	.4	.4	.3	.2	.2	.2	.2	.2	24	.5
15	.2	.2	.2	.2	.2	.3	.3	.9	.7	1.0	.7	.4	.4	6.4	3.6	6.4	.6	.6	.4	.3	.2	.2	.3	.3	24	6.4
16	.4	.3	.4	.9	2.3	1.1	.8	6.8	8.3	15.6	7.3	2.9	2.1	2.4	24.1	13.8	1.9	.8	.4	.3	.4	.3	.2	.3	24	24.1
17	.2	.2	.2	.2	.2	.2	.2	.4	.5	.4	.5	.6	19.3	20.9	11.9	.7	.7	3.5	.5	.4	.3	.2	.2	.2	24	20.9
18	.2	.3	.2	.2	.2	.3	.2	1.2	2.8	1.2	.6	.4	.5	.4	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	24	2.8
19	.4	.2	.3	.2	.2	.2	.3	.4	.6	.4	7.7	17.8	31.4	1.2	4.1	2.6	3.6	1.0	1.3	.5	.4	.3	.3	.3	24	31.4
20	.3	.2	.2	.2	.3	.2	.4	5.3	2.9	7.6	8.1	15.2	2.5	5.8	21.3	4.6	1.1	.8	.6	.5	.4	.3	.6	.6	24	21.3
21	.4	.3	.3	.2	.2	.2	.3	.4	.3	.4	.3	.2	.2	.2	.3	.2	.1	.2	.3	.2	.2	.1	.2	.2	24	.4
22	.2	.2	.1	.2	.2	.2	.2	.3	.3	.4	.3	.3	.6	.4	.3	.6	.2	.2	.2	.2	.1	.2	.2	.2	24	.6
23	.3	.2	.2	.2	.2	.2	.2	.5	.6	.7	.5	.3	.3	.4	.4	.3	.3	.2	.2	.3	.3	.3	.3	.3	24	.7
24	.2	.2	.2	.2	.3	.3	.3	.5	.4	.3	.5	.5	.4	.4	.4	.3	.2	.3	.2	.2	.2	.2	.3	.2	24	.5
25	.2	.2	.2	.2	.2	.2	.3	.7	1.0	.8	.7	.8	.9	.7	.5	.5	.6	.6	.3	.2	.3	.1	.1	.1	24	1.0
26	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	24	.3
27	.2	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.1	.2	.1	.2	.2	.2	.2	.2	.2	.1	.2	.1	.2	24	.2
28	.2	.2	.2	.1	.2	.2	.1	.2	.2	.3	.3	.3	.3	.2	.2	.3	.3	.3	.3	.2	.2	.1	.2	.2	24	.3
29	.1	.2	.2	.1	.2	.2	.2	.4	.6	1.0	1.5	2.9	1.4	.4	.3	.2	.3	.3	.2	.2	.1	.1	.2	.1	24	2.9
30	.2	.1	.1	.2	.1	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	24	.3
31	.2	.2	.2	.2	.2	.2	.2	.4	4.7	2.8	5.8	1.3	.6	.6	.5	.5	2.5	2.5	.5	.5	.4	.4	.4	.4	24	5.8
NO.:	31	31	31	31	31	31	31	30	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	1.5	.9	.5	.9	2.3	1.1	.8	6.8	8.3	15.6	10.5	29.4	31.4	20.9	24.1	16.6	5.7	3.5	2.3	2.2	2.1	1.1	2.2	1.6		
AVG:	.25	.19	.18	.16	.21	.18	.22	.78	.99	1.57	2.09	3.00	3.36	2.32	3.06	2.24	.93	.71	.35	.31	.26	.21	.34	.27		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 1.00 MONTHLY MAX: 31.4

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: SEPTEMBER 2019

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	.3	.2	.2	.2	.2	.2	.5	.9	.7	.5	.4	2.7	2.1	.5	.3	.3	.4	.3	.7	.4	.3	.3	.2	24	2.7
2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.1	.2	24	.3
3	.2	.4	.2	.1	.1	.2	.2	.2	.3	.5	.5	.4	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	24	.5
4	.1	.1	.1	.1	.1	.1	.1	.2	.2	.3	.1	.3	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	24	.3
5	.1	.2	.1	.1	.2	.2	.2	.5	1.4	1.2	.7	.3	3.3	9.6	1.3	10.0	6.3	4.7	4.7	.7	.3	.2	.2	.2	24	10.0
6	.3	.3	.2	.1	.2	.2	.3	.3	.4	.4	.3	.3	.3	.2	.1	.2	.2	.1	.1	.2	.1	.2	.1	.2	24	.4
7	.1	.1	.1	.1	.1	.1	.2	.2	.3	.3	.1	.2	.2	.2	.1	.1	.1	.1	.1	.2	.1	.2	.2	.1	24	.3
8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.4	.3	.2	.2	.1	.2	.1	.2	.2	.1	.2	.2	.2	.1	24	.4
9	.2	.1	.2	.1	.1	.1	.2	.2	.2	.4	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	24	.4
10	.2	.1	.1	11.3	4.5	.7	.4	.4	1.4	1.2	.6	.4	.4	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.3	24	11.3
11	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	24	.2
12	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	24	.2
13	.2	.1	.1	.1	.1	.1	.1	.1	.4	.3	.2	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.2	.3	24	.4
14	.3	.2	.2	.2	.2	.2	.2	.6	.5	.3	.2	.3	.2	.5	.5	.5	.3	.3	.2	.2	.2	.2	.1	.1	24	.6
15	.2	.2	.2	.1	.1	.1	.2	.1	.1	.2	.5	.4	.4	.2	.3	.2	.2	.1	.1	.1	.0	.1	.1	.1	24	.5
16	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.5	.9	.4	1.0	.6	.4	.2	.1	.2	.1	.1	.2	.2	24	1.0
17	.2	.1	.1	.1	.1	.1	.1	.2	.4	.7	.7	.5	.7	.6	.6	.3	.2	.2	.1	.1	.1	.1	.2	.2	24	.7
18	.1	.1	.1	.1	.2	.2	.2	1.0	1.3	1.1	1.2	.5	.4	.4	.3	.5	.3	.2	.3	.2	.2	.3	.2	.3	24	1.3
19	.5	1.0	.7	.7	.5	.3	.4	.4	.3	.2	.1	.1	.2	.4	.2	.1	.2	.1	.1	.1	.1	.1	.0	.1	24	1.0
20	.2	.1	.1	.1	.2	.1	.2	.2	.2	.1	.2	.3	.3	.4	.5	.2	.2	.1	.2	.1	.1	.1	.1	.2	24	.5
21	.2	.1	.1	.1	.1	.2	.2	.2	.8	.7	.7	1.0	.9	.5	.4	.3	.2	.2	.2	.1	.2	.0	.1	.1	24	1.0
22	.1	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.1	.1	24	.2
23	.1	.1	.1	.1	.2	.1	.1	.2	.3	.5	.3	.2	.3	.2	.2	.2	.2	.2	.2	.1	.1	.0	.1	.2	24	.5
24	.2	.1	.1	.1	.1	.1	.2	.4	.8	.5	.5	.4	1.1	1.1	.5	.3	.2	.2	.2	1.0	.3	.2	.2	.2	24	1.1
25	.1	.1	.1	.1	.0	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	.1	.1	24	.2
26	.1	.1	.2	.1	.1	.2	.1	.6	.6	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.1	.1	.3	.5	24	.6
27	.8	.5	.6	1.0	.3	.2	.3	.2	.9	1.5	.7	.7	.6	.6	.4	.4	.3	.2	.2	.1	.1	.1	.1	.2	24	1.5
28	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.2	.2	.3	.3	.1	.2	.1	.1	.2	.1	.1	.1	.1	24	.3
29	.1	.2	.2	.1	.2	.1	.1	.1	.2	.1	.1	.2	.2	.2	.1	.1	.2	.1	.1	.1	.2	.1	.1	.2	24	.2
30	.2	.2	.1	.2	.2	.2	.2	.1	.2	5.6	7.2	1.7	1.2	1.0	1.8	1.2	1.0	.7	.5	.4	.3	.2	.2	.1	24	7.2
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.8	1.0	.7	11.3	4.5	.7	.4	1.0	1.4	5.6	7.2	1.7	3.3	9.6	1.8	10.0	6.3	4.7	4.7	1.0	.4	.3	.3	.5		
AVG:	.20	.20	.17	.54	.30	.16	.17	.26	.44	.62	.58	.36	.54	.69	.36	.58	.42	.32	.31	.20	.15	.13	.14	.17		

MONTHLY OBSERVATIONS: 720 MONTHLY MEAN: .33 MONTHLY MAX: 11.3

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: OCTOBER 2019

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	.1	.1	.1	.2	.2	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	.1	24	.3
2	.1	.1	.0	.1	.1	.0	.1	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	24	.2
3	.1	.1	.1	.2	.1	.0	.1	.1	.2	.2	.2	.2	.1	.2	.2	.2	.1	.1	.1	.2	.1	.1	.1	.1	24	.2
4	.2	.1	.1	.1	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.1	.2	24	.2
5	.2	.2	.2	.2	.2	.2	.1	.1	.2	.1	.2	6.2	.6	.2	.2	.2	.2	.7	5.2	13.6	2.4	.8	.5	.3	24	13.6
6	.3	.2	.2	.1	.1	.1	.1	.3	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	24	.4
7	.3	.1	.3	.2	.2	.2	.2	.5	.4	.4	.3	.3	.3	.3	.2	.3	.4	.4	.3	.3	.3	.3	.2	.1	24	.5
8	.2	.2	.2	.2	.2	.3	.2	.3	1.4	1.6	.4	.5	1.7	7.1	7.1	.8	1.0	.6	.3	.3	.2	.2	.2	.2	24	7.1
9	.2	.2	.2	.2	.2	.2	.2	.4	1.4	.9	.9	.7	1.1	.6	.6	.6	.7	.6	.4	.3	.3	.3	.2	.2	24	1.4
10	.2	.2	.2	.2	.1	.1	.2	.2	.2	.3	.3	.4	.3	.3	.2	.2	.2	.1	.2	.2	.2	.1	.2	.1	24	.4
11	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.1	.1	.2	.3	24	.3
12	.2	.2	.2	.2	.3	.2	.2	.2	.3	.3	.4	.3	.5	.3	.3	.3	.3	.2	.3	.2	.2	.3	.2	.3	24	.5
13	.3	.3	.3	.2	.2	.2	.2	.3	.3	.2	.1	.2	.1	.1	.2	.1	.1	.1	.2	.1	.2	.2	.2	.2	24	.3
14	.3	.2	.2	.2	.3	.2	.2	.3	.3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	24	.4
15	.4	.3	.2	.3	.2	.2	.3	.2	.3	.3	.3	.4	1.1	.5	.4	.3	.3	.3	.1	.2	.2	.2	.1	.3	24	1.1
16	.2	.1	.2	.1	.1	.2	.2	.2	.2	.3	.2	.2	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	24	.3
17	.3	.2	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3	.2	.2	.2	.3	.2	.2	.3	.3	.2	.3	.2	.3	24	.4
18	.3	.2	.3	.3	.2	.3	.3	.3	.4	1.4	1.4	5.3	11.7	2.4	.8	.6	.5	.3	.2	.2	.2	.1	.1	.2	24	11.7
19	.2	.2	.2	.2	.2	.2	.1	.1	.7	22.1	2.2	1.1	.8	.8	7.1	1.1	.8	.5	.2	.2	.1	.1	.1	.0	24	22.1
20	.0	.0	.1	.0	.1	.1	.1	.1	.1	.0	.3	.4	.2	1.1	6.1	9.8	3.8	.4	.3	.2	.1	.2	.1	.1	24	9.8
21	.2	.1	.1	.0	.2	.2	.2	.3	.3	.3	.2	.2	.1	.2	.1	.1	.2	.1	.2	.4	.2	.2	11.5	38.9	24	38.9
22	19.2	3.1	8.8	24.4	9.8	1.8	.8	.6	.4	.3	.4	.4	.3	.3	.4	.2	.2	.2	.2	.2	.3	.2	.2	.4	24	24.4
23	.2	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.4	.3	.3	.3	.2	.2	.2	.3	.2	24	.4
24	.2	.2	.2	.3	.2	.2	.5	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.4	.3	.2	.2	.1	24	.5
25	.3	.3	.3	.3	.3	.3	.5	.6	.8	1.4	.6	.5	.8	.5	.5	2.6	.7	.5	.4	.4	.4	.4	.5	.4	24	2.6
26	.3	.4	.3	.4	.3	.4	.3	.3	.3	1.0	1.0	.8	.8	.7	.5	.5	.3	.3	.3	.3	.3	.3	.3	.3	24	1.0
27	.3	.3	.2	.2	.2	.3	.2	.3	.3	.4	.5	.6	3.9	.6	.6	.5	.5	.3	.3	.3	.3	.3	.3	.2	24	3.9
28	.3	.3	.2	.3	.3	.4	.4	.3	.4	.4	.4	.5	.4	.4	.4	.4	.5	.4	.3	.3	.3	.3	.3	.4	24	.5
29	.4	.3	.3	.4	.4	.3	.4	.4	.4	.4	.5	.4	.4	.4	.4	.4	.3	.4	.4	.3	.3	.4	.3	.4	24	.5
30	.4	.3	.4	.4	.4	.5	.5	.4	.5	.4	.4	.4	.5	.4	.5	.4	.4	.4	.4	.4	.4	.3	.3	.4	24	.5
31	.3	.4	.4	.4	.3	.3	.3	.3	.3	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	24	.4
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	19.2	3.1	8.8	24.4	9.8	1.8	.8	.6	1.4	22.1	2.2	6.2	11.7	7.1	7.1	9.8	3.8	.7	5.2	13.6	2.4	.8	11.5	38.9		
AVG:	.86	.30	.49	.99	.52	.27	.25	.28	.39	1.14	.44	.72	.91	.64	.95	.71	.45	.29	.41	.68	.30	.25	.58	1.48		

MONTHLY OBSERVATIONS: 744 MONTHLY MEAN: .60 MONTHLY MAX: 38.9

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: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: NOVEMBER 2019

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	.3	.4	.4	.4	.4	.4	.4	2.0	1.7	1.0	.9	.9	.7	.7	.6	.6	.4	.3	.4	.4	.3	.3	.4	24	2.0
2	.4	.4	.4	.3	.4	.4	.4	.4	.4	.3	.4	.3	.4	.5	.4	.2	.2	.2	.2	.3	.2	.4	.2	.3	24	.5
3	.3	.5	.4	.4	.4	.4	.4	.4	.5	1.0	.6	.6	.6	.5	.4	.4	.2	.3	.3	.2	.4	.3	.3	.2	24	1.0
4	.4	.3	.3	.3	.3	.2	.3	.3	.3	.3	.5	.3	.4	.4	.4	.4	.4	.3	.2	.3	.3	.3	.3	.3	24	.5
5	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.3	BA	.3	.3	BF	BF	BF	.5	.8	.7	1.0	1.1	.9	20	1.1
6	.8	.7	.8	.8	.8	.7	.5	.5	BF	BF	BF	BF	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	20	.8
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
8	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.1	.1	.2	.2	.2	.1	.2	.2	.2	.1	.0	.1	24	.2
9	.1	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.2	.4	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	.4
10	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	-.1	-.1	.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	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.0	.1	.0	.0	.0	.1	24	.1
13	.0	.0	.2 3	25.2 3	67.5 3	68.6 3	19.1 3	3.6 3	4.8 3	8.4 3	4.5 3	1.5 3	1.0	.9	.7	.5	.4	.2	.2	.1	.1	.1	.2	.1	24	68.6
14	.1	.1	.0	.0	.0	.0	.1	.1	.3	.4	.4	.2	.2	.1	.2	.2	.1	.1	.0	.1	.1	.0	.1	.1	24	.4
15	.2	.1	.1	.1	.1	.1	.1	.1	.4	.4	.4	.3	.2	.2	.1	.1	.2	.1	.1	.0	.1	.0	.0	.0	24	.4
16	-.1	.0	-.1	-.1	-.2	.0	.0	.0	.1	.3	.5	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.5
17	-.2	-.1	-.3	-.1	.5	.8	.1	6.2	4.0	3.5	6.8	12.2	4.9	1.8	1.0	.6	.4	.3	.1	.0	.0	.0	.0	.0	24	12.2
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	-.1	.0	.0	-.1	24	.1
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	24	.2
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	1.3	.7	.2	.0	.0	.0	-.1	.0	-.1	.0	.0	24	4.4
21	-.1	.0	-.1	-.1	-.1	-.2	.0	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	.0	-.1	.0	24	0.0
22	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	24	0.0
23	.0	-.1	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	24	.1
24	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.4	.2	.2	.1	.0	-.1	.0	.0	-.1	-.1	-.1	-.2	24	.4
25	-.1	-.1	-.2	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.2	-.3	-.3	-.2	-.1	-.2	-.2	-.1	24	0.0
26	-.1	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	24	0.0
27	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	24	-.1
28	-.2	.0	.0	.0	-.1	.0	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	24	0.0
29	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	0.0
30	-.1	.0	-.1	-.1	.0	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	-.1	-.1	-.1	-.2	-.1	-.2	-.1	24	0.0
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	29	29	29	29	30	30	29	29	29	30	30	30	30	30	30		
MAX:	.8	.7	.8	25.2	67.5	68.6	19.1	6.2	4.8	8.4	6.8	12.2	4.9	1.8	1.0	.6	.6	.4	.5	.8	.7	1.0	1.1	.9		
AVG:	.07	.07	.05	.89	2.32	2.37	.71	.41	.45	.57	.54	.59	.48	.25	.18	.11	.08	.03	.04	.05	.05	.05	.04	.05		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .44 MONTHLY MAX: 68.6

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: DECEMBER 2019

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	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1 3	-.1 3	-.1 3	-.1 3	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	0.0
2	.0	-.1	-.1	-.2	-.2	-.1	-.1	.0	-.1	.0 3	.0 3	.0 3	.0 3	.0	.0	-.3	-.4	-.4	-.4	-.3	-.4	-.2	-.1	-.1	24	0.0
3	.0	-.1	-.1	-.2	-.2	-.3	-.2	-.2	-.2	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.3	-.2	-.2	-.2	-.2	24	0.0
4	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.2	-.1	-.1	-.1	.0	.0	.0	.0	-.1	.0	-.1	-.1	.0	-.1	.0	.0	-.1	24	0.0
5	.0	.0	-.1	-.1	.0	.0	-.2	-.1	BA	BA	.2	.5	.3	BF	BF	.0	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.2	20	.5
6	-.1	-.1	-.2	-.2	-.1	-.1	-.2	-.1	AY	AY	AY	.0	-.1	-.1	-.1	-.2	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	21	0.0
7	-.1	-.1	-.1	-.1	-.1	-.1	-.2	.0	.0	.0	.1	.0	.0	.1	.1	.0	.1	.3	1.5	3.6	2.6	1.2	.7	.5	24	3.6
8	.5	.5	.6	.6	.5	.4	.3	.1	.2	.3	.5	.6	.4	.3	.2	.1	.0	.0	.0	.0	-.1	-.1	.0	-.1	24	.6
9	-.1	-.1	-.1	.0	-.1	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	24	0.0
10	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.2	-.1	24	0.0
11	-.1	-.1 3	-.2 3	-.3 3	.0 3	-.1 3	.0 3	.0 3	.1	.4	.5	.4	.4	.4	.5	.3	.3 3	.2 3	.1 3	.1 3	.1 3	.2 3	.2 3	.3	24	.5
12	.3	.6	.4	.4 3	.3 3	.3	.3	.2	.2	.3	.3 3	.3 3	.4	.2	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	24	.6
13	.0	.0	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	AY	AY	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	22	0.0
14	.0	.0	.0	-.1	-.1	.0	.0	-.1	.0	.0	.0	-.1	.0	.0	-.1	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	24	0.0
15	-.1	.0	-.1	-.1	-.1	-.1	.0	-.2	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	24	.2
16	.5	.3	.3	.2	.2	.3	.3	.2	.2	.3	.3	.4	.5	.4	.3	.3	.1	.1	.1	.1	.0	.1	.0	.0	24	.5
17	.0	.0	.0	-.1	.0	.0	-.1	-.1	.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	-.1	.0	-.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.4	1.3	2.0	10.1	24	10.1
19	8.6	1.1	.5	1.2	1.1	1.1	.8	.6	.8	1.0	1.0	.8	.6	.5	.4	.5	.3	.2	.1	.0	.0	.0	.0	.0	24	8.6
20	.0	.0	.1	.1	.0	.0	.1	.1	.0	.1	.2	.3	.3	.8	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	24	.8
21	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.1	.4	.3	.2	.2	.3	.3	.0	.0	.0	.0	-.1	-.1	-.1	-.1	24	.4
22	.0	.0	-.1	-.2	-.1	-.1	-.1	-.3	-.2	-.2	.0	.1	.0	.1	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.1	24	.1
23	-.1	-.2	-.3	-.3	-.2	-.2	-.1	-.1	-.1	.0	.1	AY	AY	.3	.0	-.1	-.1	-.1	-.2	-.3	-.1	-.2	-.4	-.4	22	.3
24	-.2	-.2	-.3	-.1	-.2	-.3	-.2	-.2	-.3	-.3	AY	-.3	-.2	-.3	-.2	-.3	-.3	-.4	-.4	-.2	-.3	-.2	-.2	-.2	23	-.1
25	-.4	-.3	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	24	-.1
26	-.3	-.2	-.3	-.3	-.3	-.2	.0	.0	.0	.0	-.2	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.2	24	0.0
27	-.2	-.3	-.3	-.4	-.3	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.1	.0	-.1	-.2	-.2	-.2	-.3	-.2	-.1	-.1	-.1	-.1	24	0.0
28	-.1	-.1	-.1	-.1	-.1	.0	.0	-.2	-.2	-.1	-.1	.0	-.1	-.2	-.1	-.2	-.1	-.2	-.1	-.3	-.3	-.1	-.2	-.2	24	0.0
29	-.2	-.1	-.2	-.2	-.3	-.1	-.2	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.3	24	-.1
30	-.4	-.5	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.4	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.2	24	-.2
31	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.4	-.4	-.3	-.4	-.3	-.2	-.1	-.3	-.3	-.3	-.2	-.2	-.2	-.1	-.1	-.1	-.1	24	-.1
NO.:	31	31	31	31	31	31	31	31	29	29	29	30	29	29	30	31	31	31	31	31	31	31	31	31		
MAX:	8.6	1.1	.6	1.2	1.1	1.1	.8	.6	.8	1.0	1.0	.8	.6	.8	.6	.5	.3	.3	1.5	3.6	2.6	1.3	2.0	10.1		
AVG:	.22	-.02	-.06	-.05	-.04	-.04	-.05	-.07	-.04	.01	.06	.05	.05	.06	.03	-.05	-.07	-.08	-.06	.02	-.02	-.02	-.02	.25		

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: 0.00 MONTHLY MAX: 10.1

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: JANUARY 2020

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

HOUR DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.2	-.1	.0	.0	-.1	.0	-.1	.0	.1	.2	.0	.0	.0	.0	.0	-.1	24	.2
2	.0	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	BF	BF	BF	.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	21	.1
3	-.1	-.2	-.1	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.1	.0	-.2	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	.0	24	0.0
4	-.1	-.2	-.1	-.2	-.1	-.3	-.2	-.2	-.3	-.2	-.2	-.1	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.1	-.1	-.2	.0	-.1	24	0.0
5	-.1	.0	.0	.0	-.1	-.1	.0	.0	.5	11.4	17.0	1.6	.6	.3	.3	.1	.1	.0	.0	.1	.0	.0	.0	.0	24	17.0
6	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.3	.4	.5	.3	.3	.3	.3	.1	.0	.0	.0	-.1	.0	.0	.0	24	.5
7	.0	-.1	.0	.0	.0	-.1	.0	.0	.0	.2	.3	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	24	.3
8	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	.0	.0	.1	.3	.1	.0	.2	.1	.1	24	.3
9	.1	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	BA	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
10	.0	-.1	-.1	.0	-.1	-.2	-.2	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	24	0.0
11	-.1	-.1	.0	-.1	-.2	-.1	-.1	-.1	.0	-.1	-.1	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.1	.0	-.1	.0	-.1	-.1	24	0.0
12	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0 3	.0	.1	24	.1
13	.0	.0 3	.0 3	.0	.0 3	.0 3	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	24	0.0
14	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	24	0.0
15	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.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	.1	.0	.0	.0	.0	.0	24	.1
17	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.3	.3	.2	.2	.1	.1	.1	.2	.0	.1	.1	.1	.1	24	.3
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	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	24	.1
20	.0	.0	.0	.0	.1	.0	.1	.1	.2	.2	.1	.2	.1	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.1	24	.2
21	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.1
22	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	.0	.0	.1	.3	.1	.2	.2	.1	.4	.3	.3	.2	.1	.2	.5	24	.5
23	.9	.1	.2	.0	.0	.0	.0	.0	.0	-.1	.1	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	-.1	.0	24	.9
24	.0	.0	.0	-.2	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.2	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.3	-.2	-.2	24	0.0
25	-.2	-.3	-.2	-.2	-.3	-.2	-.1	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.1	-.3	-.3	-.3	24	-.1
26	-.2	-.2	-.2	-.1	-.1	-.1	-.3	-.3	-.2	-.1	-.1	-.1	-.1	-.2	-.3	-.2	-.2	-.1	-.1	-.3	-.2	-.3	-.3	-.2	24	-.1
27	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.1	.0	.0	.0	-.3	-.1	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	24	0.0
28	.0	.0	.0	-.1	.0	-.1	.0	-.1	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	24	0.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	24	0.0
30	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	24	0.0
31	.0	-.1	-.1	.0	.0	-.1	-.1	-.2	-.1	.0	.1	.1	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	24	.4
NO.:	31	31	31	31	31	31	31	31	31	30	30	30	31	30	31	31	31	31	31	31	31	31	31	31		
MAX:	.9	.1	.2	.1	.1	0.0	.1	.2	.5	11.4	17.0	1.6	.6	.3	.3	.3	.1	.4	.3	.3	.2	.2	.2	.5		
AVG:	0.00	-.06	-.04	-.05	-.04	-.07	-.05	-.05	-.02	.38	.58	.10	.05	.02	.01	-.02	-.02	-.01	0.00	-.02	-.03	-.04	-.03	-.02		

MONTHLY OBSERVATIONS: 740 MONTHLY MEAN: .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: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: MULTIPLE METHODS
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: FEBRUARY 2020

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

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	-.1	.0	-.1	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.1	24	.1
2	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.2	.3	.2	.2	.1	.1	.0	.0	.0	.0	-.1	-.1	-.3	-.3	-.3	-.3	24	.3
3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.1	-.1	.3	5.3	1.9	4.7	.3	.2	.0	-.1	-.1	-.2	-.2	-.3	-.2	-.2	24	5.3
4	-.2	-.2	-.2	-.2	-.1	.0	-.1	.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	.1	5.3	24.1	2.7	4.7	4.9	1.4	.6	.1	.0	.0	.1	.1	.0	.0	24	24.1
6	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.5	1.1	.7	.3	.2	.2	.2	.0	.0	.0	.1	.0	.1	.0	24	1.1
7	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.2	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	.3
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	2.5	.5	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	24	2.5
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	.1	.1	.3	.1	.0	.2	.2	.3	.1	.0	.0	.0	.0	.0	-.2	-.1	-.1	24	.3
11	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	-.1	.0	.0	BF	BF	BF	BA	BA	BA	BA	BA	BA	BA	BA	BA	12	0.0
12	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BC	BC	BC	BC	BC	.2	.0	.0	-.1	-.1	.0	-.1	-.2	8	.2
13	-.4	-.4	-.5	-.6	-.6	-.7	-.7	-.7	-.7	AM	.1	-.5	-.5	-.5	-.6	-.6	-.6	-.5	-.3	-.3	-.5	-.6	-.7	-.8	23	.1
14	-.9	-1.0	-.7	-1.0	-1.1	-1.2	-1.3	-1.3	-1.0	-.8	-.5	-.6	-.5	-.4	.6	-.1	-.2	.2	1.3	5.1	1.5	-.4	.3	.9	24	5.1
15	.3	2.6	-.2	-.6	-.6	-.5	-.3	-.4	-.2	.0	.0	.3	.3	.5	.5	.4	.1	-.2	-.3	-.4	-.5	-.5	-.5	-.6	24	2.6
16	-.5	-.4	-.3	-.4	-.4	-.4	-.5	-.4	-.3	-.5	-.5	-.6	-.6	-.5	-.4	-.4	-.5	-.5	-.4	-.5	-.4	-.4	-.5	-.5	24	-.3
17	-.5	-.5	-.7	-.6	-.6	-.6	-.5	-.5	-.3	-.3	-.3	-.2	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.6	-.4	-.3	-.3	-.4	24	-.2
18	-.4	-.4	-.2	-.4	-.4	-.5	-.5	-.5	-.5	-.6	-.8	-.7	-.6	-.7	-.8	-.7	-.9	-.8	-.9	-.9	-.9	-1.0	-1.0	-1.0	24	-.2
19	-1.2	-1.2	-1.1	-1.2	-1.3	-1.3	-1.3	-1.3	-.9	-1.0	-1.1	-1.2	-1.1	-1.1	-1.1	-1.1	-1.2	-1.1	-1.2	-1.3	-1.3	-1.4	-1.4	-1.4	24	-.9
20	-1.6	-1.8	-1.4	-1.6	-1.5	-1.6	-1.6	-1.6	-1.3	-1.2	-1.3	-1.4	-1.3	-1.2	-1.1	-1.3	-1.3	-1.1	-1.1	-1.1	-1.3	-1.3	-1.4	-1.4	24	-1.1
21	-1.5	-1.5	-1.3	-1.4	-1.5	-1.5	-1.4	-1.5	-1.3	-1.2	-1.2	-1.0	-.9	-.8	-.8	-.9	-1.0	-1.0	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	24	-.8
22	-1.1	-1.1	-1.0	-1.1	-1.1	-1.1	-1.2	-1.2	-.9	-.8	-.9	-.8	-.8	-.7	-.8	-.7	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	24	-.7
23	-.9	-1.0	-.9	-1.0	-.9	-.9	-1.0	-1.0	-.9	-.8	-.7	-.7	-.7	-.7	-.8	-.8	-.8	-.8	-.9	-.9	-.9	-1.0	-1.0	-1.0	24	-.7
24	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	-.9	-1.0	-.8	-.9	-.7	-.7	-1.0	-1.2	-1.0	-.9	-.8	-.9	-.9	-.9	-1.0	-1.0	-1.1	-1.1	24	-.7
25	-1.1	-1.0	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	BF	-1.0	-1.0	-1.1	-1.1	-1.2	-1.1	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	-1.1	-1.2	23	-1.0
26	-1.1	-1.2	-1.1	-1.2	-1.2	-1.1	-1.1	-1.1	-1.1	-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	-1.1	24	-1.1
27	-1.3	-1.3	-1.1	-1.2	-1.2	-1.2	-1.3	-1.2	-1.1	-1.2	-1.1	-1.2	-1.3	-1.2	-1.2	-1.1	-1.1	-1.1	-1.2	-1.2	-1.2	-1.2	-1.3	-1.3	24	-1.1
28	-1.3	-1.3	-1.2	-1.3	-1.3	-1.3	-1.5	-1.3	-1.1	-1.2	-1.3	-1.3	-1.3	-1.2	-1.2	-1.2	-1.3	-1.3	-1.3	-1.2	-1.2	-1.2	-1.3	-1.3	24	-1.1
29	-1.2	-1.3	-1.2	-1.3	-1.3	-1.4	-1.4	-1.2	-1.0	-.9	-1.0	-1.0	-.9	-1.1	6.2	.1	.2	3.3	5.0	2.6	-.6	5.3	-.6	-.9	24	6.2
30																									0	
31																									0	
NO.:	28	28	28	28	28	28	28	28	28	26	28	28	27	27	27	27	28	28	28	28	28	28	28	28		
MAX:	.3	2.6	.1	.1	.1	0.0	0.0	.1	.1	.3	5.3	24.1	2.7	4.7	6.2	1.4	.6	3.3	5.0	5.1	1.5	5.3	.3	.9		
AVG:	-.58	-.52	-.55	-.63	-.63	-.64	-.65	-.63	-.52	-.45	-.24	.63	-.20	-.10	.03	-.37	-.43	-.34	-.26	-.23	-.49	-.36	-.57	-.58		

MONTHLY OBSERVATIONS: 666 MONTHLY MEAN: -.39 MONTHLY MAX: 24.1

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: MARCH 2020

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	.3	-.6	-1.0	-1.1	-1.2	-1.1	-1.0	-.7	2.9	.3	-.2	-.1	-.1	-.4	-.6	-.7	-.9	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	24	2.9
2	-1.1	-1.2	-1.0	-1.1	-1.1	-1.2	-1.0	-1.0	-1.1	-.8	-.9	-1.0	-1.0	-1.0	-1.0	-1.1	-.9	-.8	-.9	-1.0	-1.2	-1.1	-1.1	-1.2	24	-.8
3	-1.1	-1.1	-1.0	-1.0	-1.0	-1.2	-1.1	-1.0	-1.1	-1.1	-1.0	-1.1	-1.0	-1.0	-.8	-.8	-1.0	-1.1	-.9	-.9	-1.1	-1.2	-1.2	-1.2	24	-.8
4	-1.2	-1.2	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	-1.0	-1.1	-1.2	-1.2	-1.2	-1.3	-1.1	-1.2	-1.2	-1.2	-1.3	-1.3	-1.3	-1.3	-1.3	-1.3	24	-1.0
5	-1.3	-1.3	-1.3	-1.3	-1.3	4.4	2.3	5.1	1.6	35.9	6.0	-.1	-.4	-.6	-.7	-1.0	-1.0	-1.1	-1.2	-1.2	-1.2	-1.2	-1.3	-1.3	24	35.9
6	-1.3	-1.4	-1.5	-1.4	-1.4	-1.5	-1.5	-1.6	-1.5	-1.5	-1.7	-1.7	-1.6	-1.5	-1.6	-1.6	-1.6	-1.5	-1.5	-1.6	-1.6	-1.5	-1.5	-1.6	24	-1.3
7	-1.7	-1.6	-1.7	-1.6	-1.7	-1.7	-1.6	14.3	.5	-.4	-.7	-.3	-.5	.0	-.8	-.7	-.6	-.7	-1.0	-1.1	-1.2	-1.1	-1.2	-1.1	24	14.3
8	-1.1	-1.2	-1.4	-1.3	-1.2	-1.2	-1.2	-1.0	-.8	-.8	-.7	-.8	-.6	-.5	.3	-.4	.0	3.8	1.7	-.5	-.7	-.9	-.9	-1.0	24	3.8
9	-1.1	-1.1	-1.2	-1.1	-1.1	-1.1	-1.1	BF	.2	.2	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	-.1	.0	.0	23	.2
10	.0	.0	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	10.2	27.9	1.6	.2	.0	-.1	.0	-.1	-.1	.0	-.3	24	27.9
11	-.1	-.1	-.2	-.1	.0	.0	.0	.0	-.1	-.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.1	24	.1
12	.0	.1	.0	.1	.0	.0	.2	.2	.1	-.1	.0	.2	.4	23.1	2.9	1.9	.8	.4	.3	.3	.2	.3	.2	.1	24	23.1
13	.2	.2	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	-.2	-.2	-.1	-.2	-.1	-.1	-.3	-.2	-.2	-.2	-.4	-.2	24	.2
14	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	24	-.2
15	-.4	-.5	-.6	-.4	-.5	-.5	-.4	-.3	-.1	-.2	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.3	-.4	-.3	-.4	-.4	-.5	-.3	24	-.1
16	-.3	-.3	-.4	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.2	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	24	0.0
17	-.1	-.1	-.2	-.1	-.1	-.3	-.3	-.2	-.1	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.1	8.5	24	8.5
18	2.8	1.2	.2	1.5	13.2	13.7	.8	4.6	1.7	.8	.5	.4	.4	.2	.2	.1	-.1	-.2	-.1	-.2	-.2	-.1	-.2	-.2	24	13.7
19	-.2	-.2	-.4	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.0	.1	.1	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	24	.1
20	-.1	-.2	-.2	-.1	-.1	-.1	-.2	-.3	-.6	-.6	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.5	-.5	-.5	24	-.1
21	-.6	-.5	-.6	-.5	-.5	-.5	-.6	-.6	-.5	-.2	-.3	-.5	-.5	-.5	-.5	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	24	-.2
22	-.5	-.5	-.6	-.5	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.1	.0	.0	.0	-.1	-.2	-.3	-.2	-.2	-.2	-.3	-.2	24	0.0
23	-.2	-.2	-.4	-.4	-.3	-.3	-.3	-.2	-.2	BF	-.1	.1	.1	.0	.1	.0	-.2	-.2	-.1	-.3	-.2	-.3	-.3	-.2	23	.1
24	-.2	-.3	-.4	-.2	-.2	-.2	-.2	-.3	-.3	.1	.5	.4	.0	.0	.0	.1	.0	-.2	-.3	-.2	-.3	-.2	-.2	8.3	24	8.3
25	19.9	20.2	2.1	.8	.4	.2	.2	.2	.3	.5	.6	.6	.5	2.4	2.1	.3	.3	.1	.1	.0	-.1	-.1	.0	-.1	24	20.2
26	-.1	-.1	-.3	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.0	.1	.0	.0	-.1	-.1	-.4	-.2	-.3	-.2	-.2	-.3	24	.1
27	-.2	-.3	-.4	-.2	-.3	-.2	-.2	-.3	-.3	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	24	-.2
28	-.2	-.2	-.4	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.4	-.2	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	.0	-.1	24	0.0
29	.0	.0	-.1	.1	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	-.2	-.1	-.1	-.1	-.2	-.1	-.3	-.2	-.2	24	.1
30	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	24	-.2
31	-.4	-.4	-.2	-.4	-.3	-.4	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.3	24	-.2
NO.:	31	31	31	31	31	31	31	30	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	19.9	20.2	2.1	1.5	13.2	13.7	2.3	14.3	1.7	35.9	6.0	.6	.5	23.1	27.9	1.9	.8	3.8	1.7	.3	.2	.3	.2	8.5		
AVG:	.25	.24	-.47	-.41	-.05	.11	-.35	.43	-.20	1.02	-.05	-.25	-.26	.89	.79	-.20	-.28	-.21	-.33	-.41	-.45	-.45	-.45	.09		

MONTHLY OBSERVATIONS: 742 MONTHLY MEAN: -.04 MONTHLY MAX: 35.9

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

(42401) Sulfur dioxide

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: APRIL 2020

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	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.4	-.2	24	-.2
2	-.3	-.4	-.2	-.3	-.2	.1	.2	-.1	1.4	.5	.6	.6	.3	.3	6.6	.2	.0	-.1	-.2	-.3	-.3	-.3	-.3	-.3	24	6.6
3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	.0	.5	.1	.1	.1	.0	.2	.4	.2	.0	-.1	-.1	-.2	-.3	-.4	-.3	-.4	24	.5
4	-.3	-.4	-.3	-.3	-.4	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.4	-.4	-.4	-.4	24	-.3
5	-.5	-.5	-.3	-.5	-.4	-.5	-.5	-.5	-.4	-.2	.0	2.2	6.2	4.0	10.3	2.4	8.5	3.6	.0	-.3	-.4	-.3	-.4	-.3	24	10.3
6	-.4	-.5	-.4	-.4	-.4	-.4	-.4	.6	.7	3.6	-.2	.1	.1	9.4	.7	.1	.1	-.1	-.2	-.2	-.3	-.2	-.2	-.2	24	9.4
7	-.2	-.2	-.1	-.1	-.1	-.2	-.2	-.2	.3	1.8	6.4	2.0	.8	.4	.3	.1	.0	.0	-.1	-.1	-.2	-.1	-.2	-.2	24	6.4
8	-.2	-.2	-.1	-.1	-.1	-.2	-.2	BF	-.2	-.2	.5	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	.5
9	-.2	-.2	-.1	-.2	-.2	-.3	-.2	-.1	-.2	-.3	-.2	-.3	-.2	-.3	-.3	-.1	-.3	-.2	-.3	-.3	-.3	-.3	-.4	-.4	24	-.1
10	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	24	-.3
11	-.3	-.3	-.3	-.3	-.4	-.4	-.2	7.0	1.6	1.0	.2	1.6	30.5	20.8	11.1	3.3	.9	.5	4.5	.6	.3	.2	-.1	.2	24	30.5
12	.9	.2	.1	-.1	-.2	-.3	-.2	-.1	-.1	-.1	-.1	-.2	-.3	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	.9
13	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.4	-.2	-.2	-.3	-.4	-.3	-.3	-.3	-.4	-.5	-.4	-.4	-.4	24	-.2
14	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.3	-.3	-.4	-.4	-.6	-.5	-.4	-.3	-.4	-.5	-.4	-.4	-.5	-.4	-.4	24	-.3
15	-.4	-.4	-.3	-.4	-.5	-.5	-.3	-.2	-.3	-.5	-.5	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.4	24	-.2
16	-.4	-.4	-.3	-.4	-.4	-.4	.2	-.1	-.1	-.4	-.4	-.4	BF	BF	BF	AS	AS	AS	AS	AS	AS	AS	AS	AS	12	.2
17	AS	AS	AS	AS	AS	AY	.1	.1	.3	2.3	12.0	2.5	.3	.0	.0	.2	.1	.0	.1	.0	.1	.1	.1	.0	18	12.0
18	-.1	.0	-.1	.1	.1	.2	.3	.2	.3	.5	.4	.1	.3	.3	.3	.3	.3	.4	.4	.4	.3	.3	.2	.2	24	.5
19	.2	.2	.0	.2	.0	.0	.2	.2	.2	.0	-.1	-.1	-.1	.0	-.1	-.1	.0	.0	-.1	.0	-.1	.0	.1	.1	24	.2
20	.1	.1	.0	.1	.0	.1	.4	.4	.4	.4	.5	.4	.3	.4	.3	.3	.3	.3	.3	.2	.2	.2	.1	-.1	24	.5
21	.0	.1	-.1	.0	.0	.1	.1	BF	.1	.1	.1	.1	.1	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	.0	-.1	.0	23	.1
22	-.1	.0	-.1	.0	-.1	.0	-.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.1	.0	-.1	.0	.0	.0	.1	.1	24	.1
23	.0	.1	-.1	.1	.0	.0	.1	.1	.1	.0	.1	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	24	.2
24	.0	.1	-.1	.0	-.1	-.1	.0	.0	.0	.0	.1	.4	.4	.3	.2	.2	.2	.1	.0	.0	-.1	-.1	-.1	-.1	24	.4
25	-.1	-.1	-.3	-.1	-.1	-.2	.0	-.1	-.1	.1	.2	.2	.2	.2	.4	.2	.1	.4	.2	.1	-.1	.0	.0	.0	24	.4
26	.0	.0	-.2	.0	-.1	-.1	.0	.3	.1	.0	.1	.0	.0	.1	.1	.2	.2	.4	.0	.0	.0	-.1	-.1	.0	24	.4
27	-.1	-.3	-.4	-.4	-.5	-.5	-.2	-.3	-.1	.0	-.1	-.4	-.4	-.3	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.6	24	0.0
28	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	24	-.2
29	-.2	-.2	-.1	-.2	-.2	-.2	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.2	-.3	-.4	24	-.1
30	-.2	-.3	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	-.1	-.1	-.3	-.3	-.3	-.4	24	0.0
31																									0	
NO.:	29	29	29	29	29	29	30	28	30	30	30	30	29	29	29	29	29	29	29	29	29	29	29	29		
MAX:	.9	.2	.1	.2	.1	.2	.4	7.0	1.6	3.6	12.0	2.5	30.5	20.8	11.1	3.3	8.5	3.6	4.5	.6	.3	.3	.2	.2		
AVG:	-.16	-.19	-.20	-.19	-.23	-.22	-.12	.18	.08	.23	.60	.22	1.25	1.13	.94	.13	.24	.08	.03	-.12	-.17	-.17	-.19	-.19		

MONTHLY OBSERVATIONS: 700 MONTHLY MEAN: .12 MONTHLY MAX: 30.5

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: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: MAY 2020

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	-.4	-.5	-.3	-.4	-.4	-.3	-.2	-.3	18.0	15.0	3.3	.7	1.0	1.0	5.1	7.0	1.1	-.1	-.2	-.3	-.3	-.2	-.1	-.1	24	18.0
2	-.2	-.1	-.4	-.2	.1	-.2	-.1	.4	.1	.0	-.2	-.2	-.1	-.3	-.5	-.3	-.2	-.2	-.2	-.2	.3	.1	.9	.2	24	.9
3	-.2	-.3	-.5	-.4	-.2	.0	.4	.1	-.3	-.3	-.3	-.2	-.2	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.4	-.4	-.5	-.6	24	.4
4	-.6	-.7	-.7	-.6	-.6	-.6	-.6	-.5	-.6	-.6	BF	BF	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	22	-.5
5	-.4	-.5	-.6	-.3	-.4	-.5	-.5	-.4	-.3	-.2	-.5	-.5	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	24	-.2
6	-.5	-.5	-.5	-.4	-.3	.0	.0	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.3	.0	-.4	-.3	24	0.0
7	-.4	-.5	-.6	-.5	-.5	-.5	-.4	-.5	-.4	-.4	-.5	-.4	-.6	-.4	-.4	-.5	-.5	-.6	-.5	-.6	-.5	-.6	-.6	-.6	24	-.4
8	-.7	-.8	-.9	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.7	-.6	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	24	-.4
9	-.6	-.5	-.7	-.5	-.5	-.4	.0	-.3	-.7	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.5	-.4	-.6	-.5	-.4	-.5	-.6	24	0.0
10	-.5	-.5	-.6	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.6	-.5	-.6	-.5	24	-.5
11	-.5	-.6	-.7	-.6	-.6	-.6	-.4	-.5	-.5	-.5	-.4	-.5	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.6	24	-.4
12	-.5	-.5	-.7	-.5	-.2	-.1	-.3	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	2.8	-.5	-.6	-.6	-.7	-.6	-.7	-.7	-.7	24	2.8
13	-.7	-.7	-.8	-.7	-.5	-.5	-.2	.1	-.1	-.1	.0	-.1	-.1	.1	-.2	-.3	-.3	-.5	-.5	-.5	-.4	-.4	-.4	-.2	24	.1
14	.5	-.4	-.5	-.4	-.4	-.3	-.4	-.2	-.3	-.3	-.3	-.2	-.1	.1	.1	.0	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.4	24	.5
15	-.2	-.3	-.3	-.2	-.3	.0	-.1	.1	.4	.1	-.1	-.2	-.2	-.1	-.3	-.2	-.1	-.2	-.4	-.4	-.5	-.5	-.5	-.5	24	.4
16	-.5	-.6	-.7	-.6	-.7	-.6	-.6	-.5	-.5	-.4	-.4	-.3	-.2	-.3	-.2	-.2	-.4	-.4	-.4	-.5	-.5	-.5	-.4	-.4	24	-.2
17	-.4	-.4	-.6	-.5	-.4	-.4	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.5	-.6	-.5	-.3	-.4	-.6	-.5	-.5	-.4	-.5	-.3	24	-.3
18	-.2	-.3	-.4	-.2	-.3	-.2	-.4	-.2	-.2	BF	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.4	-.4	-.4	-.3	-.4	-.3	-.4	23	-.2
19	-.3	-.4	-.5	-.4	-.3	-.5	-.4	-.4	-.4	-.3	-.1	-.2	-.1	-.3	-.4	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.4	24	-.1
20	-.5	-.6	-.7	-.4	-.4	-.3	-.4	-.4	-.1	-.1	.0	.0	-.1	.0	.0	-.1	-.1	-.1	-.3	-.3	-.4	-.5	-.4	-.4	24	0.0
21	-.4	-.4	-.6	-.5	-.5	-.5	-.4	.4	6.9	.4	.0	.1	-.1	.0	-.1	-.1	.0	.0	-.1	-.3	-.3	-.3	-.2	-.3	24	6.9
22	-.4	-.4	-.2	2.6	.4	.0	-.1	.3	.6	.7	.3	.2	.1	.0	-.1	-.2	-.1	.5	.8	.0	-.2	-.2	-.3	-.3	24	2.6
23	-.3	-.3	-.4	-.3	-.3	-.4	-.3	-.3	-.4	-.2	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.3	-.4	-.3	-.2	-.3	24	-.1
24	-.2	-.2	-.4	-.2	-.2	-.2	-.3	-.1	-.2	-.2	-.4	.0	.5	1.3	21.8	6.4	.9	.9	.3	.0	-.1	-.2	-.2	-.1	24	21.8
25	-.3	-.2	-.4	-.2	-.3	-.2	.5	1.0	.4	.5	11.5	3.6	3.4	6.6	1.3	2.2	2.7	1.2	2.0	.8	.1	.0	.3	.2	24	11.5
26	.0	-.2	-.3	-.2	-.2	-.2	.3	7.6	1.8	4.0	31.4	44.5	13.4	12.3	4.8	1.2	.7	.8	.8	.5	.3	.2	.2	.2	24	44.5
27	.5	2.0	.6	.4	.7	.7	.6	.6	.3	.4	2.4	2.1	9.1	.6	.4	1.6	.9	.3	.4	.2	.2	.4	.4	.1	24	9.1
28	.0	-.1	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.3	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.3	-.3	-.2	-.2	-.3	24	0.0
29	-.2	-.3	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.3	-.2	-.3	-.2	-.2	-.4	-.6	-.4	-.3	-.3	-.3	-.4	24	-.2
30	-.4	-.4	-.3	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.3	-.5	-.4	-.4	-.5	-.5	-.6	-.5	-.6	-.6	-.5	24	-.3
31	-.3	-.4	-.4	-.4	-.4	-.4	2.7	3.0	.1	1.5	1.1	2.0	6.6	.0	8.1	4.6	.3	.7	.4	.4	-.1	3.0	4.9	.1	24	8.1
NO.:	31	31	31	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.5	2.0	.6	2.6	.7	.7	2.7	7.6	18.0	15.0	31.4	44.5	13.4	12.3	21.8	7.0	2.7	1.2	2.0	.8	.3	3.0	4.9	.2		
AVG:	-.32	-.34	-.46	-.27	-.31	-.29	-.12	.20	.67	.52	1.44	1.54	.87	.49	1.07	.60	-.03	-.15	-.16	-.27	-.32	-.22	-.12	-.32		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: .15 MONTHLY MAX: 44.5

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: JUNE 2020

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	-.2	-.3	-.2	-.3	-.2	.3	1.2	2.3	2.6	11.8	5.1	4.7	9.3	.4	1.7	.3	28.8	13.8	1.5	.6	.7	.7	.5	.3	24	28.8
2	.2	.0	.2	.0	.0	-.1	-.1	BF	.2	.2	.1	.5	.2	.5	.6	.3	.4	.3	.4	.2	.0	.0	.0	.0	23	.6
3	.0	.0	.0	.0	-.1	-.1	-.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.2	.1	.0	.0	.0	.0	-.1	24	.2
4	-.1	.0	-.1	-.1	-.2	-.1	-.1	.0	.0	.1	.0	.0	-.1	-.1	.0	.0	-.1	.1	.2	.0	-.2	.5	1.5	.3	24	1.5
5	.2	.0	.0	-.2	-.2	-.2	-.3	-.2	-.1	9.8	3.5	.6	.2	.0	.1	.0	.0	-.1	-.1	.0	-.1	-.2	-.2	-.3	24	9.8
6	-.3	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.4	-.2	.0	-.1	-.2	-.3	-.3	-.4	-.4	-.3	-.3	-.4	24	0.0
7	-.4	-.4	-.3	-.2	-.3	-.3	-.3	-.2	-.3	-.2	-.1	-.1	-.2	.0	.0	.0	.0	.0	-.1	-.2	-.2	-.3	-.4	-.3	24	0.0
8	-.2	-.3	-.1	-.2	-.3	-.3	.0	4.3	29.3	7.0	1.7	2.1	6.1	5.0	17.2	1.0	.5	.5	.5	.6	.7	4.7	12.6	52.9	24	52.9
9	23.3	1.5	.9	.7	.4	.2	.7	.7	1.1	1.2	1.2	1.3	.9	.9	.9	.6	.3	.1	.0	.0	.2	.2	.2	.2	24	23.3
10	.3	.5	.5	.3	.3	.3	.3	.4	.4	.4	5.9	13.6	.8	.4	.3	.2	.2	.1	.0	.0	-.1	-.1	-.1	-.1	24	13.6
11	-.2	-.1	.0	-.1	-.1	.0	.0	.0	.1	.0	-.1	-.1	-.1	-.1	-.4	-.2	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.4	24	.1
12	-.5	-.5	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.4	-.3	-.5	-.4	-.4	-.3	-.4	-.3	-.4	-.4	-.5	-.6	-.5	24	-.3
13	-.5	-.5	-.4	-.5	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.5	-.6	24	-.4
14	-.4	-.5	-.3	-.4	-.4	-.5	-.4	.0	-.1	-.3	-.4	-.4	-.4	-.5	-.5	-.3	-.3	-.3	-.3	-.5	-.5	-.5	-.6	-.5	24	0.0
15	-.6	-.6	-.2	-.4	-.3	-.3	.0	2.3	.2	-.1	-.1	-.2	-.1	.0	-.2	.0	.0	-.1	-.3	-.3	-.4	-.3	-.3	-.3	24	2.3
16	-.3	-.4	-.3	.1	.1	.4	1.0	2.0	BF	.2	.0	.0	-.2	2.8	AM	.5	7.7	.3	.3	.2	.1	.0	-.1	-.2	22	7.7
17	-.3	-.2	-.2	-.2	-.3	-.2	.7	.4	.1	.1	.1	.0	-.1	-.2	-.2	-.2	.3	.4	-.1	-.1	-.1	.1	.0	-.1	24	.7
18	-.1	-.2	-.1	-.1	-.2	-.2	.6	1.1	.2	.2	.1	.0	.2	10.5	6.5	14.1	15.6	.4	.2	1.2	1.0	.5	.3	.2	24	15.6
19	.0	.0	.2	.0	.0	.0	.3	.3	.1	2.5	1.0	.6	7.1	1.8	7.4	.4	2.8	.5	.0	.0	.0	.0	.0	-.1	24	7.4
20	.0	.0	.1	.0	-.1	AV	AV	AV	AV	.0	.1	.1	.1	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	20	.2
21	-.1	.1	-.2	-.1	.0	.0	.1	.1	.0	.1	.1	.1	.0	18.9	14.8	6.2	23.3	9.0	4.3	.9	.3	.2	2.9	1.3	24	23.3
22	.4	.4	.2	.4	.3	.2	.4	.4	.3	.4	.4	.5	.3	.3	.4	.1	.1	.1	.0	.0	.0	.0	.0	.2	24	.5
23	.1	.0	-.1	.0	.1	.0	.1	.0	.1	.0	.2	.6	.4	.3	.2	.2	.1	.1	.0	.0	.1	.1	.1	.2	24	.6
24	.1	.1	-.1	.1	.0	.2	.0	.1	.2	.4	.3	.1	.1	.2	6.7	.2	.0	-.1	.0	-.1	-.2	.0	.1	.0	24	6.7
25	-.1	.0	-.1	.0	-.1	.1	.1	.1	.1	.3	.2	.1	-.2	.0	.0	.0	.0	.3	.0	-.1	-.1	-.1	-.2	-.1	24	.3
26	-.1	.0	-.1	-.1	.0	.1	.0	.1	.1	.3	3.4	2.6	.6	.3	.2	.2	.1	.0	.0	.1	.1	.0	.0	.0	24	3.4
27	.0	-.1	.0	.1	.1	.1	-.1	.2	.2	.1	.2	.2	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.0	24	.2
28	.0	-.1	-.1	.0	.0	.1	.0	.0	.2	.3	.3	.3	.3	.6	.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	24	.6
29	.1	.2	-.1	.0	-.1	.1	.3	.5	.5	.9	.9	.3	BF	.3	.3	.2	1.7	1.4	.6	.2	.2	.1	.0	.0	23	1.7
30	.0	.0	.0	-.1	-.2	-.1	.1	.7	1.1	.7	.7	.5	.4	.4	.6	.5	.3	.2	.1	.2	.1	.1	.1	.1	24	1.1
31																									0	
NO.:	30	30	30	30	30	29	29	28	28	30	30	30	29	30	29	30	30	30	30	30	30	30	30	30		
MAX:	23.3	1.5	.9	.7	.4	.4	1.2	4.3	29.3	11.8	5.9	13.6	9.3	18.9	17.2	14.1	28.8	13.8	4.3	1.2	1.0	4.7	12.6	52.9		
AVG:	.68	-.05	-.05	-.06	-.10	-.05	.12	.52	1.27	1.18	.80	.89	.84	1.39	1.93	.79	2.70	.87	.21	.05	0.00	.13	.49	1.72		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .68 MONTHLY MAX: 52.9

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

(42401) Sulfur dioxide

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: JULY 2020

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	.1	.0	.2	.0	.0	-.1	-.1	2.2	1.1	.9	19.9	1.0	.4	.3	.3	.3	.3	.3	.4	.3	.2	.2	.1	.1	24	19.9
2	.1	-.1	.1	.0	-.1	.1	.3	.9	.5	.1	.5	.3	.2	.2	.2	.1	.1	.1	.0	.1	.1	.1	.0	.0	24	.9
3	.0	.0	.1	.1	.0	-.1	-.1	.0	.5	.3	.3	.3	.2	.2	.1	.0	-.1	-.1	.0	-.1	.0	.0	.1	.1	24	.5
4	.1	.1	.2	.0	.0	.0	.0	.1	.3	.2	.1	.4	.2	.3	.2	.1	.1	.1	.2	.1	.2	.2	.2	.0	24	.4
5	.0	.2	.2	.1	.0	.1	.2	.4	.2	.3	.3	.2	.3	.2	.3	.2	-.2	.0	.2	.4	.3	.2	.2	.1	24	.4
6	.1	.1	.2	.1	.1	.0	.1	.3	.6	3.3	.6	.3	.2	.3	2.4	1.5	.5	.3	.3	.2	.1	.1	.1	.0	24	3.3
7	-.1	.0	.0	.0	.1	.0	-.1	.1	.5	.5	.3	.3	.3	.2	.5	1.5	.4	.2	.5	.5	.4	-.3	.0	.1	24	1.5
8	.1	.0	.2	.0	.0	.0	.0	1.5	10.3	25.6	4.4	5.3	12.5	3.5	28.0	12.9	.8	.5	1.3	.5	.4	.2	.2	.2	24	28.0
9	.2	.1	.2	.1	.1	.1	.1	.3	2.4	1.0	.6	BF	BF	BF	.5	.2	.4	.3	.3	.2	.2	.2	.3	.1	21	2.4
10	.1	.3	.3	.2	.1	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.1	.1	.1	.2	.2	.2	.1	.1	.0	24	.3
11	.1	.1	.2	.1	.2	.1	.1	.2	.1	.1	.2	.3	.2	.2	.2	.2	.0	.1	.2	.3	.3	.2	.2	.2	24	.3
12	.1	.1	.3	.0	.0	.1	.0	.1	.1	.1	.1	.1	.2	.1	.0	.1	.1	.2	.2	.2	.2	.2	.2	.1	24	.3
13	.0	.1	.2	.0	.1	.0	.0	.1	.2	BF	3.3	15.9	14.0	6.6	1.1	.4	.3	.2	.2	.1	.1	.1	.1	.1	23	15.9
14	.6	1.7	.9	.5	.4	1.7	1.1	1.0	2.5	2.5	50.9	39.6	17.7	5.1	5.0	13.7	66.4	46.9	12.7	1.6	1.1	2.1	.8	.6	24	66.4
15	.7	.5	.4	.3	.3	.1	.1	.2	.1	.2	.1	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	24	.7
16	.0	.1	.0	-.1	.1	-.1	-.1	.1	.1	.2	.3	.2	2.4	.3	.2	.3	.2	.8	1.4	.4	.2	.1	.1	.1	24	2.4
17	.1	.1	.0	.1	-.1	.0	.1	.1	.2	.4	2.2	1.3	.7	1.2	.9	4.1	1.7	5.5	2.4	.9	.4	.3	.3	.3	24	5.5
18	.3	.5	.3	.3	.2	.3	.4	.4	.3	.2	.4	.3	.4	.3	1.2	.8	1.8	.9	.5	.3	.3	.4	.4	.4	24	1.8
19	.4	.3	.5	.4	.3	.3	.4	.3	.3	.3	.3	.3	.4	.3	.3	.2	-.4	.2	.4	.4	.5	.4	.2	.3	24	.5
20	.3	.3	.1	.2	.2	.1	.2	.3	.2	.2	.2	.3	.3	.3	.1	.2	.1	.1	.1	-.1	.1	.1	.1	.1	24	.3
21	.2	.0	-.1	.1	.1	.2	.0	.1	.2	.2	.3	.2	.3	.2	.2	.3	.2	.2	.2	.2	.2	.1	.2	.2	24	.3
22	.1	.2	.1	.2	.2	.1	.2	.3	.3	.2	.3	.2	.3	.3	.1	.1	.2	.2	.2	.2	.2	.1	.1	.1	24	.3
23	.2	.0	.1	.1	.1	.0	.1	.1	.1	.1	.0	.3	.3	.1	.2	.1	.1	.1	.2	.1	.1	.1	.0	.1	24	.3
24	.1	.1	.0	.1	.2	.1	.2	.2	2.8	8.2	12.1	24.0	14.4	6.5	11.8	4.4	12.1	.6	.4	.3	.2	.2	.3	.2	24	24.0
25	.3	.3	.3	.2	.2	.2	.1	.2	.3	.3	.5	.6	1.6	3.3	3.2	7.6	3.0	1.3	.7	.4	.3	.3	.1	.1	24	7.6
26	.1	.1	.4	.2	.2	.2	.3	.3	.3 2	.2 2	.2 2	.7 2	.7 2	.2 2	.3 2	.2 2	.3 2	.3 2	.3 2	.3 2	.2 2	.3 2	.2 2	.3 2	24	.7
27	.2 2	.2 2	.1 2	.3 2	.3 2	.3 2	.0 2	.2 2	.2 2	.4	.4	.4	.4	.5	BF	.2	.2	.2	.3	.2	.2	.2	.2	.2	23	.5
28	.2	.3	.3	.1	.3	.2	.4	.6	.7	.5	.3	.4	.4	.4	.2	.3	.2	.3	.2	.2	.2	.3	.3	.2	24	.7
29	.2	.2	.4	.2	.2	.2	.2	.2	.3	.3	.3	.3	.4	.3	.2	.1	-.1	.1	.3	.3	.2	.2	.2	.2	24	.4
30	.3	.2	.4	.1	.2	.2	.2	.2	.2	.3	.4	.4	.3	.4	.2	.1	.2	.2	.2	.2	.1	.2	.2	.3	24	.4
31	.2	.3	.2	.1	.2	.0	.2	.2	.3	.4	.3	.2	.2	.3	.3	.2	.3	.3	.1	.2	.2	.2	.2	.3	24	.4
NO.:	31	31	31	31	31	31	31	31	31	30	31	30	30	30	30	31	31	31	31	31	31	31	31	31		
MAX:	.7	1.7	.9	.5	.4	1.7	1.1	2.2	10.3	25.6	50.9	39.6	17.7	6.6	28.0	13.7	66.4	46.9	12.7	1.6	1.1	2.1	.8	.6		
AVG:	.17	.21	.22	.13	.14	.15	.15	.37	.85	1.59	3.24	3.15	2.34	1.08	1.95	1.63	2.88	1.95	.79	.29	.24	.23	.18	.16		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 1.00 MONTHLY MAX: 66.4

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: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: AUGUST 2020

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	.3	.4	.4	.2	.3	.2	.3	.1	.2	.3	.3	.3	.4	1.2	.8	.4	.2	.2	.3	.3	.3	.3	.3	.3	24	1.2
2	.2	.3	.5	.3	.3	.3	.2	.3	.3	.3	.4	.4	.3	.3	.3	.3	.2	.2	.2	.1	.1	.0	.2	.0	24	.5
3	.2	.1	.2	.0	.1	.1	.0	.1	.1	.2	.2	.2	.1	.1	.4	-.1	.1	.1	.0	.1	.1	.2	-.1	.1	24	.4
4	.1	-.1	.1	.0	.0	.0	.0	.1	.1	.2	.2	.2	.1	.2	.1	.0	.0	.0	.1	.1	.4	.1	.3	.1	24	.4
5	.1	.1	.3	.0	.0	.2	.2	.1	.2	.3	.1	16.6	20.1	2.7	6.0	.6	3.9	20.0	1.2	.3	.8	1.0	.8	.6	24	20.1
6	.2	.2	.2	.2	.2	.2	.5	3.8	1.1	5.1	4.4	12.1	6.0	10.0	7.7	9.6	5.6	.5	.4	.4	.0	.2	.2	.1	24	12.1
7	.2	.1	.2	.0	.0	.3	.2	1.6	13.7	48.5	16.5	49.3	17.2	26.5	8.8	28.6	5.9	1.0	.8	.6	.4	.4	.4	.6	24	49.3
8	.9	.7	.8	.6	.7	1.0	.9	1.5	3.4	.6	.6	1.4	1.0	1.1	.9	.8	.7	.9	.8	.6	.5	.4	.3	.4	24	3.4
9	.2	.3	.3	.2	.3	.2	.4	1.7	5.2	12.8	2.9	1.6	.9	1.4	.7	2.1	7.7	12.2	6.9	1.5	.8	.6	.5	.4	24	12.8
10	.4	.4	.5	.4	.4	.4	.3	.3	.3	BF	.9	.8	.7	.6	.4	.3	.4	.4	.3	.4	.2	.3	.3	.2	23	.9
11	.3	.1	.5	.0	.3	.2	.5	.3	.4	.4	.7	.7	.6	.8	.5	.2	.5	.3	.4	.3	.3	.3	.2	.3	24	.8
12	.2	.1	.3	.1	.3	-.1	.2	.4	4.2	4.4	4.8	20.1	20.3	16.5	.8	22.4	4.8	1.1	.7	.7	.3	.3	.3	.2	24	22.4
13	.3	.4	.4	.2	.1	.2	.2	.6	1.8	1.1	1.2	5.6	8.1	2.2	6.8	9.0	6.4	.6	.4	.5	.3	.2	.2	.2	24	9.0
14	.0	.2	.3	.2	.1	.1	.3	.3	.5	1.9	8.8	7.9	1.2	.9	1.6	.7	.5	.4	.4	.4	.4	.3	.3	.4	24	8.8
15	.3	.3	.4	.8	1.5	.7	.6	.6	.5	.5	.4	.3	.3	.3	.5	.3	.3	.3	.2	.2	.2	.2	.2	.2	24	1.5
16	.2	.3	.2	.3	.0	.2	.3	3.5	1.0	6.3	15.1	5.9	7.0	6.7	8.6	4.8	.6	.5	.4	.4	.3	.2	.2	.2	24	15.1
17	.0	.1	.3	.1	.1	.3	.1	.2	.2	.3	.4	.4	.3	.2	.3	.1	.0	.1	.2	.1	.1	.2	.1	.2	24	.4
18	.1	.1	.1	.0	.0	.3	.2	.3	.0	.1	.2	.2	.3	.2	.2	.1	.0	.2	.1	.1	.2	.1	.0	.3	24	.3
19	.0	.2	.0	.2	.0	.4	.2	1.4	2.8	3.3	3.1	4.8	8.1	9.5	6.5	21.6	10.4	4.7	2.0	2.3	1.0	.6	.6	.6	24	21.6
20	.6	.5	.2	.4	.5	.9	.4	.4	.4	.5	.6	.6	.5	.4	.5	.2	.2	.1	.2	.2	.2	.2	.4	.4	24	.9
21	.3	.2	.2	.2	.3	.8	.4	.6	.6	.6	.9	1.0	.7	12.1	23.7	7.6	5.5	3.8	.8	2.1	1.0	.5	.5	.5	24	23.7
22	.3	.3	.3	-.3	.2	.3	.4	2.9	1.4	20.6	2.0	3.9	9.7	16.1	2.3	3.3	.8	.3	.5	.7	.5	.5	.4	.4	24	20.6
23	.5	.3	.3	.3	.4	.2	.2	.5	.8	28.6	38.2	47.4	14.7	1.9	14.0	2.9	1.8	1.0	2.9	.7	.6	.7	.5	.5	24	47.4
24	.5	.3	.5	.4	.3	.4	.3	BF	BF	.8	.9	.8	.8	.7	.5	.5	.3	.4	.2	.3	.3	.2	.3	.3	22	.9
25	.2	.1	.4	.3	.3	.4	.1	.2	.2	.2	.3	.4	.6	3.6	2.4	2.4	1.1	.8	.5	.4	.3	.4	.3	.2	24	3.6
26	.2	.3	.5	.2	.3	.3	.2	.2	.6	.9	1.0	.9	.8	.8	.7	.6	.4	.4	.4	.4	.4	.3	.5	.6	24	1.0
27	.5	.5	.7	.5	.4	.4	.4	.3	.5	.5	.4	.3	3.0	29.5	3.4	2.0	1.0	.6	.5	.4	.5	.3	.4	.3	24	29.5
28	.3	.4	.5	.4	.1	.0	.2	.4	.1	.3	.3	.4	.3	2.6	1.6	.8	.8	.7	.6	.5	.5	.5	.5	.5	24	2.6
29	.4	.4	.6	.3	.3	.3	.3	.3	.4	.3	.3	.4	.4	.3	.3	.1	.2	.3	.3	.3	.3	.3	.2	.4	24	.6
30	.2	.1	.4	.3	.1	.2	.1	.2	.0	.2	.3	.2	.3	.3	2.7	2.5	.4	.2	.3	.3	.4	.3	.4	.1	24	2.7
31	.4	.0	.4	.1	.4	.2	.5	3.0	2.2	1.8	9.4	1.4	.8	9.0	15.8	2.9	1.5	1.0	.7	.7	.5	.4	.2	.4	24	15.8
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:	.9	.7	.8	.8	1.5	1.0	.9	3.8	13.7	48.5	38.2	49.3	20.3	29.5	23.7	28.6	10.4	20.0	6.9	2.3	1.0	1.0	.8	.6		
AVG:	.28	.25	.35	.22	.27	.31	.29	.87	1.44	4.73	3.74	6.02	4.05	5.12	3.86	4.12	2.01	1.72	.76	.53	.39	.34	.32	.32		

MONTHLY OBSERVATIONS: 741 MONTHLY MEAN: 1.76 MONTHLY MAX: 49.3

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.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
RAW DATA REPORT

Feb. 10, 2021

(42401) Sulfur dioxide

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: SEPTEMBER 2020

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	.3	.1	.2	.3	.2	.3	.6	1.5	1.4	1.0	.7	2.1	6.4	.8	1.5	1.2	3.9	1.1	.7	.6	.5	.5	.9	.3	24	6.4
2	.4	.8	.3	.6	.2	.6	.2	.5	.8	.7	.7	.6	.5	.5	.5	.3	.3	.6	.7	.5	.4	.4	.5	.4	24	.8
3	.3	.7	.4	.6	.6	.9	.8	.7	.8	.6	.8	.5	.5	.4	.3	.4	.3	.3	.3	.3	.6	.0	.3	.3	24	.9
4	.2	.3	.3	.2	.2	.2	.4	.5	.3	.2	.2	.4	.6	.3	.3	.2	.2	.2	.3	.3	.6	.1	.3	.2	24	.6
5	.0	.5	.1	.1	.4	.1	.3	.0	.7	.2	.4	.3	.2	.3	.1	-.2	.0	.2	.3	.3	.4	.1	.2	.0	24	.7
6	.3	.2	.3	.5	.4	.1	2.2	22.7	61.1	26.7	11.0	43.9	P79.4	20.4	3.2	34.5	4.4	2.0	1.2	1.0	.8	.8	.7	.5	24	79.4
7	.6	.7	.5	.4	.4	.5	.1	.2	.4	.5	-.2	.1	.3	.3	.4	.3	.2	.3	.2	.4	.1	.0	.2	.2	24	.7
8	.0	.3	.2	.0	.2	.1	.1	.1	.1	.2	.0	BF	BF	.2	.1	.2	.2	.1	.0	-.1	-.3	-.3	-.1	.0	22	.3
9	-.1	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.1	-.1	.3	.1	.0	.0	-.1	-.1	.0	.0	-.1	.0	-.2	24	.3
10	-.1	-.1	-.2	-.1	-.1	.0	.2	.2	.2	.1	-.1	.1	.1	.1	.1	.1	-.1	.0	.2	.0	-.1	-.1	.0	.0	24	.2
11	.0	-.1	-.3	-.2	.0	.2	.4	.6	.3	-.2	.0	.2	.1	.2	.2	.1	.1	.1	.1	.4	-.1	.2	.1	.2	24	.6
12	.0	.6	-.1	.4	.0	.5	.0	.4	.1	.1	.3	.4	.5	.2	.4	.5	.6	.6	.4	.3	.2	.3	.4	.2	24	.6
13	.3	.3	.4	.2	.4	.1	.5	.1	.4	.4	.8	-.1	.0	.2	.4	.4	.3	.3	.3	.1	.1	.5	-.2	.0	24	.8
14	-.1	.0	-.1	.1	-.1	.2	.1	.0	.2	.2	.4	-.5	.1	.2	.3	.2	.1	.1	.1	.3	.1	.0	.1	.2	24	.4
15	1.0	1.4	.5	.1	.5	.3	.1	.5	1.1	1.1	.9	.8	.9	AZ	AZ	AZ	AZ	.1	.4	.4	.4	.5	.4	.3	20	1.4
16	.3	.3	.3	.2	.3	.8	.1	.5	.5	.7	.6	.5	.6	.4	.4	.3	.3	.3	.3	.2	.2	.1	.3	.1	24	.8
17	.3	.0	.1	.1	.1	.1	.2	.8	.2	-.4	AM	AM	BA	BA	BA	1.3	1.0	.8	1.1	.8	.8	.9	.9	.8	19	1.3
18	.8	.8	1.0	.9	.8	.7	.8	1.0	BA	BA	BA	BA	BA	BA	1.2	1.0	1.3	.9	1.0	.9	.8	.8	.7	.8	18	1.3
19	.6	.9	.7	.7	.7	.8	.7	1.5	2.4	.7	1.0	5.7	15.1	4.6	5.7	3.5	4.9	2.2	1.5	.9	.9	.9	.9	.9	24	15.1
20	.8	.8	.7	.7	.8	.8	.7	1.0	1.5	12.7	39.2	20.2	16.0	1.5	2.0	14.7	1.6	1.3	1.3	.9	.9	1.6	1.3	1.0	24	39.2
21	.8	.8	.9	.8	.9	.8	.8	1.2	2.5	1.4	1.3	1.3	5.9	13.0	26.1	2.3	13.6	6.3	1.5	1.3	1.2	2.5	1.6	1.3	24	26.1
22	1.0	1.4	1.1	1.2	1.1	1.5	1.0	1.7	1.2	1.3	1.2	1.3	1.2	1.3	1.3	1.1	1.3	1.3	1.2	1.1	1.1	1.0	1.0	1.0	24	1.7
23	1.9	.5	1.0	.9	.9	.9	1.0	.9	1.4	1.6	1.5	1.6	2.8	1.2	1.3	.8	.6	.7	1.0	1.2	1.0	1.0	1.1	1.1	24	2.8
24	1.1	1.1	1.0	.9	1.2	1.0	1.3	1.1	1.4	2.9	2.3	9.4	3.8	5.7	4.5	12.3	2.6	1.4	1.3	1.2	1.0	1.1	1.1	.9	24	12.3
25	.8	1.2	1.1	.9	.9	1.3	.9	1.2	1.0	1.1	BF	BF	6.9	5.9	2.1	13.4	13.1	4.9	4.2	3.7	9.0	3.2	2.1	1.9	22	13.4
26	1.8	1.6	1.6	1.4	1.3	1.2	1.2	1.3	1.5	1.3	2.7	5.8	5.2	2.6	1.8	1.5	1.3	1.8	3.9	2.3	1.5	1.3	1.2	1.8	24	5.8
27	1.9	1.4	1.9	1.5	1.4	1.4	1.2	1.2	1.2	1.6	2.3	1.5	1.3	1.1	1.6	.8	1.3	1.3	1.1	1.1	1.2	1.2	1.2	1.0	24	2.3
28	1.1	1.3	1.4	1.0	1.0	1.1	1.2	AY	1.4	1.0	1.1	1.1	1.0	1.3	.9	1.1	1.3	1.1	1.0	1.1	1.1	1.1	1.1	1.1	23	1.4
29	1.0	1.0	1.2	1.0	1.1	1.1	1.1	1.0	1.0	1.1	.9	.9	1.1	1.2	1.2	1.2	.9	1.2	1.2	1.2	1.0	1.1	1.1	1.1	24	1.2
30	1.2	1.1	1.3	1.2	1.3	1.1	1.2	1.1	1.3	.9	1.2	1.3	1.1	1.2	1.3	1.1	1.0	1.4	1.0	1.1	1.1	1.1	1.1	.9	24	1.4
31																									0	
NO.:	30	30	30	30	30	30	30	29	29	29	27	26	27	27	28	29	29	30	30	30	30	30	30	30		
MAX:	1.9	1.6	1.9	1.5	1.4	1.5	2.2	22.7	61.1	26.7	39.2	43.9	79.4	20.4	26.1	34.5	13.6	6.3	4.2	3.7	9.0	3.2	2.1	1.9		
AVG:	.62	.66	.59	.55	.57	.62	.65	1.51	2.99	2.07	2.64	3.83	5.61	2.42	2.12	3.26	1.95	1.09	.92	.79	.88	.73	.68	.61		

MONTHLY OBSERVATIONS: 700 MONTHLY MEAN: 1.55 MONTHLY MAX: 79.4

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

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: OCTOBER 2020

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	1.1	1.0	.9	1.0	BK	BK	BK	.8	1.2	1.3	.7	.8	1.0	1.0	.9	1.1	1.1	.9	.9	.9	.8	.8	21	1.3
2	.9	.9	1.1	.8	.8	.9	1.0	1.0	1.0	1.1	1.0	.8	.9	1.2	.8	.7	.9	1.0	1.0	.9	.9	.9	1.0	.9	24	1.2
3	.8	.8	.8	.8	.8	.9	.8	.8	.8	.7	.9	.8	.9	.9	1.0	.9	1.0	.9	.9	.9	.8	.8	.7	.8	24	1.0
4	.9	.8	.8	.8	.9	.8	.9	.8	.6	1.0	1.0	.9	.9	.7	.6	.6	.6	.9	.8	1.0	.8	.8	.9	.8	24	1.0
5	.8	.9	.9	.9	.9	1.5	1.2	2.1	2.1	2.0	2.1	3.0	3.4	6.1	5.4	4.5	2.8	2.1	1.5	1.5	1.5	1.2	1.4	1.2	24	6.1
6	1.4	1.4	1.5	1.2	1.1	1.4	1.2	1.2	1.4	1.3	1.4	1.3	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.6	1.1	1.2	1.1	1.3	24	1.6
7	1.0	1.3	1.3	1.0	1.0	1.2	1.2	1.3	1.0	.8	.9	1.1	1.2	1.2	1.0	1.2	1.2	1.1	1.2	1.0	1.0	1.0	1.0	1.0	24	1.3
8	1.0	1.0	.9	.9	.9	1.1	1.3	.8	1.2	.8	.6	.9	1.2	.9	1.0	1.0	.9	.9	1.2	.9	.8	.8	1.1	1.0	24	1.3
9	.9	1.0	.9	1.0	1.1	6.2	7.5	63.0	35.9	5.9	4.7	3.7	2.8	2.4	2.1	BF	BF	2.1	2.0	1.9	1.7	1.7	1.6	1.4	22	63.0
10	1.3	1.3	1.3	1.4	1.0	1.2	1.3	.9	1.6	.8	.7	.9	1.1	1.2	1.3	1.0	1.0	1.0	1.0	.9	.9	.9	.8	.9	24	1.6
11	.9	.8	1.1	.9	1.0	.9	.9	.9	.9	.9	.9	.9	.8	.8	.9	1.0	1.2	.9	1.1	1.1	.8	1.1	1.1	1.0	24	1.2
12	1.0	1.2	1.3	1.5	1.0	1.0	1.3	1.3	1.4	1.2	.8	1.3	2.0	.7	1.4	.7	1.3	1.1	1.1	1.0	1.1	.9	1.0	.9	24	2.0
13	.9	1.1	1.0	1.0	.9	1.0	3.3	4.8	2.0	13.5	3.2	2.0	1.8	1.4	1.3	1.2	1.2	1.6	1.5	1.4	1.3	1.1	1.2	1.2	24	13.5
14	1.2	1.0	1.3	1.1	1.1	1.1	1.2	1.5	1.5	3.5	15.1	5.9	2.6	16.1	9.8	6.9	5.0	2.6	2.0	1.8	1.5	1.0	1.5	1.4	24	16.1
15	1.3	1.5	1.4	1.4	1.1	1.1	1.3	1.4	1.0	1.3	1.2	1.4	1.2	.4	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0	.9	.9	24	1.5
16	.7	.9	1.0	.9	1.0	.8	1.0	1.1	.8	1.2	.9	1.0	1.1	1.3	.9	1.0	1.1	1.1	1.0	.9	.7	.8	.9	.9	24	1.3
17	.9	.8	1.1	1.0	.8	1.0	5.9	2.7	1.3	1.3	1.0	23.0	73.5	35.6	75.4	P82.8	53.1	3.2	2.2	1.9	2.1	2.3	2.0	1.7	24	82.8
18	1.3	1.0	.9	.9	1.1	.9	1.0	.9	.9	1.0	1.1	1.1	.9	1.2	.9	.5	.7	1.0	1.0	.9	.8	.9	.7	.8	24	1.3
19	.7	.8	.7	.9	.8	.5	.9	1.0	.9	.7	.4	.7	1.1	1.0	1.1	.9	.9	.8	.9	.8	.8	.8	.8	.8	24	1.1
20	.8	.9	.6	1.0	.6	.9	1.0	.7	.8	.8	.9	.7	1.3	1.0	1.0	.9	.9	1.0	.9	1.0	1.0	.9	.9	1.0	24	1.3
21	1.0	.9	.8	1.0	1.0	.9	.9	.8	.9	.9	.8	1.0	.8	.8	.9	.9	1.0	.9	.8	.8	.8	.8	.8	.8	24	1.0
22	.8	.8	.6	.8	.9	.9	.9	.9	.9	.8	.8	1.0	1.0	.9	.9	1.0	.9	1.0	.9	1.0	1.0	1.0	1.0	1.1	24	1.1
23	.9	1.1	.9	.9	.9	1.0	1.0	1.0	1.0	.9	.9	.9	.9	1.0	.9	.9	.9	.9	.9	.9	.9	.9	1.0	1.0	24	1.1
24	.6	.7	.8	.9	.7	.8	.8	.7	.8	.7	.7	.8	.8	.5	1.0	1.1	1.0	.8	.9	.8	.9	.9	.9	.8	24	1.1
25	.8	.8	.7	.8	.9	.8	.8	.6	.8	.7	.8	.1	.7	.9	.9	.7	.9	.7	.8	.9	.8	.8	.8	.8	24	.9
26	.7	1.0	.4	.8	.8	.8	.8	.8	.8	.8	.9	.6	.5	.8	1.2	.7	1.0	.9	.9	.9	.8	.8	.7	.9	24	1.2
27	.6	1.1	.9	.9	.8	.8	.8	.9	1.2	-.1	.5	.7	.9	.9	.9	.8	.9	1.0	.8	.7	.9	.8	.9	.9	24	1.2
28	.9	1.0	.8	.9	.9	.9	.9	1.1	.9	1.2	1.4	1.3	.9	1.3	1.4	1.0	1.2	1.0	1.2	1.1	1.0	1.0	1.0	.9	24	1.4
29	1.0	1.0	.7	.9	1.0	.9	.9	.9	.9	1.0	.9	1.1	.9	.8	.9	.9	.9	1.0	.9	.8	.9	.9	.8	.7	24	1.1
30	.8	.8	.5	.8	.7	.8	.9	.7	.8	.7	.6	.7	.7	.9	.9	.7	.8	.8	.9	.8	.8	.7	.7	.7	24	.9
31	.7	.8	.6	.8	.8	1.0	.9	.9	8.8	9.0	47.5	30.7	58.9	51.7	50.7	41.4	6.1	4.9	8.4	3.9	2.6	2.2	1.6	1.5	24	58.9
NO.:	31	31	31	31	31	31	30	30	30	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31		
MAX:	1.4	1.5	1.5	1.5	1.1	6.2	7.5	63.0	35.9	13.5	47.5	30.7	73.5	51.7	75.4	82.8	53.1	4.9	8.4	3.9	2.6	2.3	2.0	1.7		
AVG:	.92	.98	.93	.96	.91	1.13	1.46	3.25	2.50	1.85	3.09	2.95	5.42	4.41	5.48	5.31	3.09	1.32	1.36	1.16	1.06	1.03	1.02	.99		

MONTHLY OBSERVATIONS: 739 MONTHLY MEAN: 2.18 MONTHLY MAX: 82.8

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: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
LATITUDE: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: NOVEMBER 2020

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	1.3	1.2	1.3	1.1	1.0	.9	1.0	1.0	.9	.9	.7	.9	.9	.8	.9	.9	.9	.8	.9	.8	.9	.8	.8	.8	24	1.3
2	.7	.8	.4	.7	.9	.8	.9	1.0	1.0	1.1	.9	1.0	1.2	1.4	1.4	1.2	.9	1.0	1.2	1.2	1.2	1.2	1.2	1.0	24	1.4
3	1.1	1.0	.9	.6	1.3	1.2	1.1	1.1	1.3	1.2	BF	1.6	1.6	1.5	1.4	1.6	38.9	2.2	1.6	1.6	1.5	1.3	1.5	1.3	23	38.9
4	1.4	1.2	1.5	1.1	1.1	1.1	1.0	1.4	1.2	1.5	1.5	1.7	1.7	1.4	1.3	1.4	1.5	1.4	1.1	1.2	1.2	1.1	1.0	1.0	24	1.7
5	1.1	1.0	.7	1.3	.8	1.3	1.0	1.0	1.3	.9	1.6	1.6	7.9	1.9	1.9	1.6	1.5	1.4	1.4	1.2	1.1	1.1	1.0	1.1	24	7.9
6	1.1	1.0	.9	1.0	.9	1.1	1.1	1.0	1.0	1.4	1.5	1.5	1.6	1.6	2.0	1.7	1.5	1.4	1.6	1.0	1.0	1.2	1.2	1.2	24	2.0
7	1.1	1.3	.9	1.1	1.0	1.1	1.0	1.0	1.2	1.3	1.7	1.4	1.6	1.6	1.3	1.5	1.5	1.2	1.6	1.8	2.1	1.5	1.4	1.1	24	2.1
8	1.2	1.2	.8	1.1	1.2	1.1	1.2	1.4	2.4	2.6	2.2	2.4	1.9	8.0	34.8	6.6	12.2	1.9	1.4	1.5	.7	1.2	1.1	2.9	24	34.8
9	2.5	1.8	1.3	1.4	1.6	4.0	8.3	19.5	14.4	8.9	5.4	10.9	46.0	9.6	9.4	5.7	6.2	11.5	27.2	30.1	16.7	4.1	2.6	2.0	24	46.0
10	2.0	2.2	1.8	1.6	1.3	1.1	1.2	1.2	1.1	1.1	1.2	1.2	1.3	1.3	1.1	1.0	1.3	1.2	1.2	1.2	1.4	1.3	1.1	1.2	24	2.2
11	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.2	1.1	1.3	1.3	1.2	.8	1.2	1.2	1.0	1.0	.9	1.0	1.0	.9	24	1.3
12	.9	1.0	.8	1.0	.9	.9	1.0	1.1	1.6	1.7	1.6	1.5	1.8	2.5	3.1	3.9	3.6	1.2	1.4	1.1	1.3	1.1	1.0	1.0	24	3.9
13	1.0	1.1	.8	.9	.9	.8	.9	.9	.9	1.0	.9	1.0	1.0	1.1	1.0	.9	1.0	1.1	1.0	1.0	.8	.8	.9	.9	24	1.1
14	1.1	1.0	1.0	.8	1.0	1.3	.6	1.1	1.7	6.4	2.5	3.2	2.2	1.8	1.3	1.2	1.1	1.2	1.1	1.2	1.3	1.3	1.3	1.4	24	6.4
15	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.3	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.1	1.1	1.0	1.1	24	1.5
16	1.0	.9	.8	.9	1.0	1.1	1.1	1.0	1.0	1.0	1.3	1.0	1.3	1.3	1.2	1.1	1.0	.9	.9	1.0	1.0	1.0	.8	.8	24	1.3
17	.9	.8	.9	.8	.6	.8	.9	.7	.9	BF	.7	.8	1.0	.9	1.0	.5	1.1	1.0	1.0	.9	.9	.8	.9	.7	23	1.1
18	.8	.8	.6	.7	.8	.8	.8	1.0	1.0	5.0	28.2	22.7	51.1	42.1	22.2	19.6	66.7	27.4	38.4	7.8	8.8	7.0	3.8	3.8	24	66.7
19	5.9	5.3	3.8	2.9	2.2	2.0	2.0	2.1	2.0	2.3	1.9	2.0	AM	1.4	1.3	1.4	1.5	1.4	1.2	1.2	1.2	1.2	1.2	1.1	23	5.9
20	1.1	1.0	1.2	1.3	1.6	1.4	.9	1.0	1.2	1.0	1.0	1.0	1.0	.4	.5	.6	.6	.8	.5	.5	.7	.7	.6	.6	24	1.6
21	.6	.7	.5	.6	.5	.6	.6	.6	.8	.5	.7	.9	.9	1.8	3.5	.6	.7	.8	.8	.8	.8	.9	.8	.7	24	3.5
22	.7	.8	.7	.4	.8	1.2	.8	1.0	1.0	1.6	15.6	9.5	1.3	1.2	3.5	.9	1.0	1.1	1.0	1.0	1.2	1.0	.8	.8	24	15.6
23	.8	.8	.7	.8	.8	.8	.8	1.1	1.1	.8	.9	1.0	1.2	.6	.5	.6	.7	.8	.8	.9	.7	.8	.7	.7	24	1.2
24	.8	.7	.5	.8	.8	.9	.8	.9	.9	.8	.9	.9	.9	1.0	1.0	.9	1.0	.9	.9	1.0	1.1	1.1	1.0	1.5	24	1.5
25	8.1	1.4	1.0	.8	1.1	1.1	1.1	1.0	1.1	1.1	1.2	1.3	1.1	1.1	1.0	1.1	1.0	1.0	1.0	1.0	.9	.9	1.0	1.0	24	8.1
26	.9	1.1	.9	1.0	1.0	.8	1.0	.9	.8	.8	.9	1.0	1.1	.7	1.0	1.1	1.0	.7	.9	1.0	1.0	1.0	1.0	.9	24	1.1
27	.9	.9	.8	.9	.9	.9	.8	1.0	.9	.8	.8	.9	.9	1.4	.5	.6	.9	.9	1.0	1.0	1.3	1.2	1.0	.7	24	1.4
28	1.0	.9	.8	1.0	1.0	.7	.7	.9	1.0	1.1	1.0	1.3	1.0	1.1	1.0	1.2	1.1	1.0	1.1	1.1	1.0	.9	1.0	.8	24	1.3
29	.9	1.0	.9	.9	1.0	.9	.8	1.0	1.2	1.1	1.3	1.4	1.2	.8	.5	1.0	1.0	.9	.9	.8	.9	.9	.8	.8	24	1.4
30	.8	.9	.7	.8	.8	.7	.8	.9	.9	BA	BA	BA	BA	BA	1.7	2.3	1.9	2.1	1.9	2.1	1.8	2.0	1.9	1.9	19	2.3
31																									0	
NO.:	30	30	30	30	30	30	30	30	30	28	28	29	28	29	30	30	30	30	30	30	30	30	30	30		
MAX:	8.1	5.3	3.8	2.9	2.2	4.0	8.3	19.5	14.4	8.9	28.2	22.7	51.1	42.1	34.8	19.6	66.7	27.4	38.4	30.1	16.7	7.0	3.8	3.8		
AVG:	1.47	1.21	1.01	1.03	1.04	1.13	1.22	1.67	1.61	1.80	2.88	2.69	4.90	3.20	3.46	2.16	5.19	2.39	3.24	2.31	1.88	1.38	1.18	1.19		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: 2.12 MONTHLY MAX: 66.7

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: 44.2892825410
LONGITUDE: -88.252185501
UTM ZONE:
UTM NORTHING:
UTM EASTING:
ELEVATION-MSL: 676
PROBE HEIGHT: 5.8

SITE ID: 55-087-0015 POC: 1
COUNTY: (087) Outagamie
CITY: (38800) Kaukauna
SITE ADDRESS: 601 Plank Rd.
SITE COMMENTS:
MONITOR COMMENTS:

STATE: (55) Wisconsin
AQCR: (237) LAKE MICHIGAN
URBANIZED AREA: (0459) APPLETON-NEENAH, WI
LAND USE: INDUSTRIAL
LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (1434) Environmental Resources Management (ERM)
MONITOR TYPE: INDUSTRIAL
COLLECTION AND ANALYSIS METHOD: (100) INSTRUMENTAL ULTRAVIOLET FLUORESCE
PQAO: (1175) Wisconsin Dept Of Natural Resources, Air Monitoring Section

REPORT FOR: DECEMBER 2020

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	2.0	1.9	1.6	1.9	2.0	2.1	2.3	AY	.1	-.1	-.3	.0	.3	.3	.0	-.3	-.2	.3	.2	.1	.1	.0	.0	.1	23	2.3
2	.1	.0	-.2	-.1	.5	-.2	.3	.3	1.0	1.0	.3	.3	.5	.4	.2	.0	.3	.1	.3	.0	.3	.3	.4	.6	24	1.0
3	.3	.4	.1	.2	.3	.2	.4	.4	.3	.3	.1	.4	.5	.3	.3	.5	.4	.3	.4	.3	.5	.5	.4	.6	24	.6
4	.4	.2	.3	.5	.6	.7	.7	.8	.9	.7	.2	-.2	.6	.4	.6	.4	.5	.5	.1	.0	.2	.2	.2	.3	24	.9
5	.4	.3	.1	.0	.1	.1	.0	.1	.2	.2	.1	.3	9.6	10.0	3.0	2.3	1.3	.9	.4	.5	.3	.4	.3	.3	24	10.0
6	.2	.3	.2	.1	.1	.4	.4	.4	.4	.4	.3	1.1	1.3	.3	.4	.3	.6	.7	.5	.5	.7	.4	.3	.4	24	1.3
7	.3	.6	.2	.5	.5	.3	.3	.5	.5	.6	.8	.9	.8	.6	.6	.6	.5	.5	.5	.4	.3	.4	.3	.5	24	.9
8	.5	.4	.2	.3	.2	.4	.5	.6	.3	.4	.5	.4	.4	.5	.7	.1	.7	.8	.6	.7	.6	.8	.9	1.0	24	1.0
9	.8	.9	.5	.8	.8	.8	.9	1.3	1.4	1.0	1.0	1.0	1.3	1.2	.0	.7	.7	1.0	1.2	1.0	.9	.8	.7	.8	24	1.4
10	.6	.7	.6	.7	1.4	.1	.6	.6	1.8	7.2	7.7	BF	BF	3.0	7.9	5.8	1.7	1.5	1.1	1.1	.9	1.0	.8	.7	22	7.9
11	.6	.6	.6	.6	.4	.6	.6	.8	.6	.5	.6	.7	.5	.8	.5	.6	.6	.6	.7	.7	.7	.9	.7	.7	24	.9
12	.8	.5	.7	.7	.6	.8	.6	.7	.7	.7	.7	.6	.6	.7	.8	.7	.6	.6	.6	.8	.6	.5	.5	.6	24	.8
13	.5	.3	1.0	.6	.5	.5	.6	.5	.5	.6	.4	.4	.8	.7	.7	.7	.6	.6	.7	.9	.7	.8	.7	.7	24	1.0
14	.6	.8	.8	.7	.9	.7	.5	.8	.9	.7	.6	.3	.4	.9	.8	.9	.9	.9	1.1	.6	.6	.9	.2	.5	24	1.1
15	.5	.4	.2	.6	.4	.6	.7	.4	1.1	1.0	.9	.9	.7	3.5	5.4	.9	.5	.6	.7	.8	.7	.7	.7	.5	24	5.4
16	.5	.7	.8	.5	.7	.9	.9	.8	BF	1.1	.9	.9	1.1	.7	.7	.7	1.1	.5	.9	.9	.7	.8	.8	1.0	23	1.1
17	.9	.9	1.0	1.1	.9	.7	.8	1.0	1.7	BA	BA	BA	1.2	1.8	1.8	1.4	1.4	1.3	1.3	1.2	1.2	1.3	1.2	1.3	21	1.8
18	1.2	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.3	6.8	3.4	19.2	21.4	33.7	29.4	12.3	2.0	1.9	1.3	1.9	25.8	13.6	14.5	12.2	24	33.7
19	5.3	2.7	1.9	2.1	1.8	1.5	1.6	1.5	1.5	1.6	1.3	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.5	1.4	1.6	1.4	1.6	1.3	24	5.3
20	1.5	1.4	1.4	1.3	1.4	1.4	1.5	1.2	1.5	1.3	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.5	1.6	1.4	1.4	1.6	1.6	24	1.6
21	1.4	1.5	2.0	6.6	2.2	1.9	1.9	5.0	6.2	2.7	2.2	2.2	1.9	2.1	1.8	1.8	1.6	1.5	1.6	1.4	1.7	1.5	1.6	1.3	24	6.6
22	1.5	1.3	1.3	1.2	1.4	1.3	1.4	1.2	1.3	1.3	1.2	1.3	1.2	2.0	29.3	40.8	2.1	5.3	1.9	1.7	1.7	1.6	1.7	2.0	24	40.8
23	8.2	P87.2	P80.6	P91.0	P84.9	P79.9	47.1	3.0	2.5	5.5	59.3	5.0	5.4	5.7	28.8	P90.7	17.4	3.8	1.9	1.8	1.8	1.7	1.7	1.7	24	91.0
24	1.7	1.9	1.5	1.9	1.6	1.7	1.8	1.5	1.7	1.4	1.5	1.3	1.4	1.5	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.4	1.3	1.3	24	1.9
25	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.0	1.2	1.4	1.1	1.3	1.5	1.6	1.5	1.6	1.4	1.7	1.7	1.4	1.7	1.4	1.5	1.5	24	1.7
26	1.5	1.6	1.5	1.4	1.6	1.6	1.9	1.5	1.8	1.5	1.5	1.5	1.5	1.4	1.3	1.2	1.3	1.5	1.5	1.5	1.8	1.1	1.4	1.4	24	1.9
27	1.4	1.4	1.3	1.2	1.4	1.4	1.3	1.4	1.5	1.5	1.4	1.7	1.5	1.7	1.6	1.6	1.6	1.5	1.4	1.6	1.5	1.4	1.4	1.4	24	1.7
28	1.4	1.4	1.3	1.3	1.2	1.2	1.4	1.3	1.4	1.3	1.6	1.2	1.3	1.5	1.5	1.4	1.4	1.5	1.3	1.3	1.2	1.2	1.3	1.3	24	1.6
29	1.0	1.2	1.1	1.1	1.3	1.4	1.4	1.3	1.3	1.4	2.0	2.8	1.9	1.7	1.5	1.5	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.3	24	2.8
30	17.1	35.8	19.3	8.8	4.1	2.4	2.1	2.1	BF	.6	.3	.1	.3	.1	.2	-.1	.3	.1	.1	.0	-.1	-.1	-.1	-.1	23	35.8
31																									0	
NO.:	30	30	30	30	30	30	30	29	28	29	29	28	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	17.1	87.2	80.6	91.0	84.9	79.9	47.1	5.0	6.2	7.2	59.3	19.2	21.4	33.7	29.4	90.7	17.4	5.3	1.9	1.9	25.8	13.6	14.5	12.2		
AVG:	1.82	4.99	4.15	4.34	3.88	3.60	2.56	1.14	1.27	1.54	3.21	1.75	2.18	2.74	4.20	5.79	1.57	1.21	.99	.96	1.76	1.32	1.33	1.29		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: 2.49 MONTHLY MAX: 91.0

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.

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
2	Operational Deviation.	QA
3	Field Issue.	QA
AE	Shelter Temperature Outside Limits.	NULL
AM	Miscellaneous Void.	NULL
AN	Machine Malfunction.	NULL
AS	Poor Quality Assurance Results.	NULL
AT	Calibration.	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
BK	Site computer/data logger down.	NULL
V	Validated Value.	QA

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