

User ID: GYE

DATA COMPLETENESS REPORT

Report Request ID: 1313206

Report Code: AMP430

Mar. 30, 2015

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	39	081	0020								
	39	081	0018								
	54	009	6000								

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
CRITERIA	42401		

SELECTED OPTIONS

Option Type	Option Value
OZONE EVALUATION	SEASONAL-HOURLY
MERGE PDF FILES	YES
AGENCY ROLE	REPORTING

SORT ORDER

Order	Column
1	EPA_REGION
2	STATE_CODE
3	MONITOR_TYPE
4	COUNTY_CODE
5	SITE_ID
6	PARAMETER_CODE
7	POC

DATE CRITERIA

Start Date	End Date
2011 01	2011 12

APPLICABLE STANDARDS

Standard Description
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
DATA COMPLETENESS REPORT

Mar. 30, 2015

MONITORS NOT REPORTING

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 DATA COMPLETENESS REPORT

Mar. 30, 2015

MONITORS REPORTING

DATE RANGE: JAN. 01, 2011 THRU DEC. 31, 2011
 REGION: (03) PHILADELPHIA
 STATE: West Virginia

REP ORG: Shell Engineering & Assoc., MO
 MONITOR TYPE: INDUSTRIAL

SITE ID CITY ADDRESS	PARAMETER	POC	DURATION METHOD	OBSERVATIONS -----												YEAR
				NUMBER / PERCENT												
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
54-009-6000 Beech Bottom STATE TOUTE 2, BOX27A, BEECH BOTTOM, WVA	42401 Sulfur dioxide	1	1 060	712	640	711	688	712	689	711	712	684	712	688	710	8369
				96%	95%	96%	96%	96%	96%	96%	96%	95%	96%	96%	95%	96%

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 DATA COMPLETENESS REPORT

Mar. 30, 2015

MONITORS REPORTING

DATE RANGE: JAN. 01, 2011 THRU DEC. 31, 2011
 REGION: (05) CHICAGO
 STATE: Ohio

REP ORG: Ohio EPA, Southeast District Office
 MONITOR TYPE: INDUSTRIAL

SITE ID CITY ADDRESS	PARAMETER	POC	DURATION METHOD	OBSERVATIONS -----												YEAR
				NUMBER / PERCENT												
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
39-081-0018	42401 Sulfur dioxide	1	1 060	712	640	707	686	712	689	711	708	685	712	688	706	8356
3487 COUNTY RD. 19				96%	95%	95%	95%	96%	96%	96%	95%	95%	96%	96%	95%	95%
39-081-0020	42401 Sulfur dioxide	1	1 060	712	631	710	688	700	666	711	712	688	711	688	707	8324
1469 3rd ST.				96%	94%	95%	96%	94%	93%	96%	96%	96%	96%	96%	95%	95%

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
DATA COMPLETENESS REPORT

Mar. 30, 2015

REPORT SUMMARY

DATE RANGE: JAN. 01, 2011 THRU DEC. 31, 2011
REGION: (03) PHILADELPHIA
STATE: West Virginia
REP ORG: Shell Engineering & Assoc., MO
MONITOR TYPE: INDUSTRIAL

PARAMETER	ACTIVE MONITORS	# NOT REPORTING	# MONITORS > 75%	MONITORS AVG COMPLETENESS
42401 Sulfur dioxide	1	0	1	96.0%
MT SUMMARY: INDUSTRIAL	1	0	1	96.0%
RO SUMMARY: Shell Engineering & Assoc., MO	1	0	1	96.0%
STATE SUMMARY: West Virginia	1	0	1	96.0%
REGION SUMMARY: (03) PHILADELPHIA	1	0	1	96.0%

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
DATA COMPLETENESS REPORT

Mar. 30, 2015

REPORT SUMMARY

DATE RANGE: JAN. 01, 2011 THRU DEC. 31, 2011
REGION: (05) CHICAGO
STATE: Ohio
REP ORG: Ohio EPA, Southeast District Office
MONITOR TYPE: INDUSTRIAL

PARAMETER	ACTIVE MONITORS	# NOT REPORTING	# MONITORS > 75%	MONITORS AVG COMPLETENESS
42401 Sulfur dioxide	2	0	2	95.0%
MT SUMMARY: INDUSTRIAL	2	0	2	95.0%
RO SUMMARY: Ohio EPA, Southeast District Office	2	0	2	95.0%
STATE SUMMARY: Ohio	2	0	2	95.0%
REGION SUMMARY: (05) CHICAGO	2	0	2	95.0%
REPORT SUMMARY:	3	0	3	95.3%

User ID: GYE

DATA COMPLETENESS REPORT

Report Request ID: 1313207

Report Code: AMP430

Mar. 30, 2015

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	39	081	0020								
	39	081	0018								
	54	009	6000								

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
CRITERIA	42401		

SELECTED OPTIONS

Option Type	Option Value
OZONE EVALUATION	SEASONAL-HOURLY
MERGE PDF FILES	YES
AGENCY ROLE	REPORTING

SORT ORDER

Order	Column
1	EPA_REGION
2	STATE_CODE
3	MONITOR_TYPE
4	COUNTY_CODE
5	SITE_ID
6	PARAMETER_CODE
7	POC

DATE CRITERIA

Start Date	End Date
2012 01	2012 12

APPLICABLE STANDARDS

Standard Description
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
DATA COMPLETENESS REPORT

Mar. 30, 2015

MONITORS NOT REPORTING

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 DATA COMPLETENESS REPORT

Mar. 30, 2015

MONITORS REPORTING

DATE RANGE: JAN. 01, 2012 THRU DEC. 31, 2012
 REGION: (03) PHILADELPHIA
 STATE: West Virginia

REP ORG: Shell Engineering & Assoc., MO
 MONITOR TYPE: INDUSTRIAL

SITE ID CITY ADDRESS	PARAMETER	POC	DURATION METHOD	OBSERVATIONS -----												YEAR
				NUMBER / PERCENT												
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
54-009-6000 Beech Bottom STATE TOUTE 2, BOX27A, BEECH BOTTOM, WVA	42401 Sulfur dioxide	1	1 060	710 95%	666 96%	711 96%	689 96%	712 96%	686 95%	710 95%	705 95%	683 95%	711 96%	689 96%	712 96%	8384 95%

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 DATA COMPLETENESS REPORT

Mar. 30, 2015

MONITORS REPORTING

DATE RANGE: JAN. 01, 2012 THRU DEC. 31, 2012
 REGION: (05) CHICAGO
 STATE: Ohio

REP ORG: Ohio EPA, Southeast District Office
 MONITOR TYPE: INDUSTRIAL

SITE ID CITY ADDRESS	PARAMETER	POC	DURATION METHOD	OBSERVATIONS												YEAR
				NUMBER / PERCENT												
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
39-081-0018 3487 COUNTY RD. 19	42401 Sulfur dioxide	1	1	710	666	710	688	711	687	712	709	688	710	689	710	8390
			060	95%	96%	95%	96%	96%	95%	96%	95%	96%	95%	96%	95%	96%
39-081-0020 1469 3rd ST.	42401 Sulfur dioxide	1	1	710	665	584	688	712	682	669	705	686	710	688	711	8210
			060	95%	96%	78%	96%	96%	95%	90%	95%	95%	95%	96%	96%	96%

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 DATA COMPLETENESS REPORT

Mar. 30, 2015

REPORT SUMMARY

DATE RANGE: JAN. 01, 2012 THRU DEC. 31, 2012
 REGION: (03) PHILADELPHIA
 STATE: West Virginia
 REP ORG: Shell Engineering & Assoc., MO
 MONITOR TYPE: INDUSTRIAL

PARAMETER	ACTIVE MONITORS	# NOT REPORTING	# MONITORS > 75%	MONITORS AVG COMPLETENESS
42401 Sulfur dioxide	1	0	1	95.0%
MT SUMMARY: INDUSTRIAL	1	0	1	95.0%
RO SUMMARY: Shell Engineering & Assoc., MO	1	0	1	95.0%
STATE SUMMARY: West Virginia	1	0	1	95.0%
REGION SUMMARY: (03) PHILADELPHIA	1	0	1	95.0%

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 DATA COMPLETENESS REPORT

Mar. 30, 2015

REPORT SUMMARY

DATE RANGE: JAN. 01, 2012 THRU DEC. 31, 2012
 REGION: (05) CHICAGO
 STATE: Ohio
 REP ORG: Ohio EPA, Southeast District Office
 MONITOR TYPE: INDUSTRIAL

PARAMETER	ACTIVE MONITORS	# NOT REPORTING	# MONITORS > 75%	MONITORS AVG COMPLETENESS
42401 Sulfur dioxide	2	0	2	94.5%
MT SUMMARY: INDUSTRIAL	2	0	2	94.5%
RO SUMMARY: Ohio EPA, Southeast District Office	2	0	2	94.5%
STATE SUMMARY: Ohio	2	0	2	94.5%
REGION SUMMARY: (05) CHICAGO	2	0	2	94.5%
REPORT SUMMARY:	3	0	3	94.7%

User ID: GYE

DATA COMPLETENESS REPORT

Report Request ID: 1313208

Report Code: AMP430

Mar. 30, 2015

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	39	081	0020								
	39	081	0018								
	54	009	6000								

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
CRITERIA	42401		

SELECTED OPTIONS

Option Type	Option Value
OZONE EVALUATION	SEASONAL-HOURLY
MERGE PDF FILES	YES
AGENCY ROLE	REPORTING

SORT ORDER

Order	Column
1	EPA_REGION
2	STATE_CODE
3	MONITOR_TYPE
4	COUNTY_CODE
5	SITE_ID
6	PARAMETER_CODE
7	POC

DATE CRITERIA

Start Date	End Date
2013 01	2013 12

APPLICABLE STANDARDS

Standard Description
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
DATA COMPLETENESS REPORT

Mar. 30, 2015

MONITORS NOT REPORTING

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 DATA COMPLETENESS REPORT

Mar. 30, 2015

MONITORS REPORTING

DATE RANGE: JAN. 01, 2013 THRU DEC. 31, 2013
 REGION: (03) PHILADELPHIA
 STATE: West Virginia

REP ORG: Shell Engineering & Assoc., MO
 MONITOR TYPE: INDUSTRIAL

SITE ID CITY ADDRESS	PARAMETER	POC	DURATION METHOD	OBSERVATIONS												YEAR
				NUMBER / PERCENT												
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
54-009-6000 Beech Bottom STATE TOUTE 2, BOX27A, BEECH BOTTOM, WVA	42401 Sulfur dioxide	1	1 060	712	640	707	684	710	689	712	705	671	712	687	706	8335
				96%	95%	95%	95%	95%	96%	96%	95%	93%	96%	95%	95%	95%

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 DATA COMPLETENESS REPORT

Mar. 30, 2015

MONITORS REPORTING

DATE RANGE: JAN. 01, 2013 THRU DEC. 31, 2013
 REGION: (05) CHICAGO
 STATE: Ohio

REP ORG: Ohio EPA, Southeast District Office
 MONITOR TYPE: INDUSTRIAL

SITE ID CITY ADDRESS	PARAMETER	POC	DURATION METHOD	OBSERVATIONS												YEAR
				NUMBER / PERCENT												
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
39-081-0018 3487 COUNTY RD. 19	42401 Sulfur dioxide	1	1	710	642	709	688	711	684	698	689	685	712	687	710	8325
			060	95%	96%	95%	96%	96%	95%	94%	93%	95%	96%	95%	95%	95%
39-081-0020 1469 3rd ST.	42401 Sulfur dioxide	1	1	712	641	706	689	710	680	711	710	685	712	686	712	8354
			060	96%	95%	95%	96%	95%	94%	96%	95%	95%	96%	95%	96%	95%

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 DATA COMPLETENESS REPORT

Mar. 30, 2015

REPORT SUMMARY

DATE RANGE: JAN. 01, 2013 THRU DEC. 31, 2013
 REGION: (03) PHILADELPHIA
 STATE: West Virginia
 REP ORG: Shell Engineering & Assoc., MO
 MONITOR TYPE: INDUSTRIAL

PARAMETER	ACTIVE MONITORS	# NOT REPORTING	# MONITORS > 75%	MONITORS AVG COMPLETENESS
42401 Sulfur dioxide	1	0	1	95.0%
MT SUMMARY: INDUSTRIAL	1	0	1	95.0%
RO SUMMARY: Shell Engineering & Assoc., MO	1	0	1	95.0%
STATE SUMMARY: West Virginia	1	0	1	95.0%
REGION SUMMARY: (03) PHILADELPHIA	1	0	1	95.0%

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 DATA COMPLETENESS REPORT

Mar. 30, 2015

REPORT SUMMARY

DATE RANGE: JAN. 01, 2013 THRU DEC. 31, 2013
 REGION: (05) CHICAGO
 STATE: Ohio
 REP ORG: Ohio EPA, Southeast District Office
 MONITOR TYPE: INDUSTRIAL

PARAMETER	ACTIVE MONITORS	# NOT REPORTING	# MONITORS > 75%	MONITORS AVG COMPLETENESS
42401 Sulfur dioxide	2	0	2	95.0%
MT SUMMARY: INDUSTRIAL	2	0	2	95.0%
RO SUMMARY: Ohio EPA, Southeast District Office	2	0	2	95.0%
STATE SUMMARY: Ohio	2	0	2	95.0%
REGION SUMMARY: (05) CHICAGO	2	0	2	95.0%
REPORT SUMMARY:	3	0	3	95.0%

User ID: GYE

DATA COMPLETENESS REPORT

Report Request ID: 1313209

Report Code: AMP430

Mar. 30, 2015

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	39	081	0020								
	39	081	0018								
	54	009	6000								

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
CRITERIA	42401		

SELECTED OPTIONS

Option Type	Option Value
OZONE EVALUATION	SEASONAL-HOURLY
MERGE PDF FILES	YES
AGENCY ROLE	REPORTING

SORT ORDER

Order	Column
1	EPA_REGION
2	STATE_CODE
3	MONITOR_TYPE
4	COUNTY_CODE
5	SITE_ID
6	PARAMETER_CODE
7	POC

DATE CRITERIA

Start Date	End Date
2014 01	2014 12

APPLICABLE STANDARDS

Standard Description
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
DATA COMPLETENESS REPORT

Mar. 30, 2015

MONITORS NOT REPORTING

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 DATA COMPLETENESS REPORT

Mar. 30, 2015

MONITORS REPORTING

DATE RANGE: JAN. 01, 2014 THRU DEC. 31, 2014
 REGION: (03) PHILADELPHIA
 STATE: West Virginia

REP ORG: Shell Engineering & Assoc., MO
 MONITOR TYPE: INDUSTRIAL

SITE ID CITY ADDRESS	PARAMETER	POC	DURATION METHOD	OBSERVATIONS												YEAR
				NUMBER / PERCENT												
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
54-009-6000 Beech Bottom STATE TOUTE 2, BOX27A, BEECH BOTTOM, WVA	42401 Sulfur dioxide	1	1 060	711 96%	606 90%	709 95%	685 95%	711 96%	689 96%	710 95%	711 96%	683 95%	712 96%	688 96%	711 96%	8326 95%

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 DATA COMPLETENESS REPORT

Mar. 30, 2015

MONITORS REPORTING

DATE RANGE: JAN. 01, 2014 THRU DEC. 31, 2014
 REGION: (05) CHICAGO
 STATE: Ohio

REP ORG: Ohio EPA, Southeast District Office
 MONITOR TYPE: INDUSTRIAL

SITE ID CITY ADDRESS	PARAMETER	POC	DURATION METHOD	OBSERVATIONS												YEAR
				NUMBER / PERCENT												
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
39-081-0018 3487 COUNTY RD. 19	42401 Sulfur dioxide	1	1	711	643	708	689	711	689	710	711	681	709	687	712	8361
			060	96%	96%	95%	96%	96%	96%	95%	96%	95%	95%	95%	96%	95%
39-081-0020 1469 3rd ST.	42401 Sulfur dioxide	1	1	710	642	681	689	710	689	711	711	681	711	686	712	8333
			060	95%	96%	92%	96%	95%	96%	96%	96%	95%	96%	95%	96%	95%

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
DATA COMPLETENESS REPORT

Mar. 30, 2015

REPORT SUMMARY

DATE RANGE: JAN. 01, 2014 THRU DEC. 31, 2014
REGION: (03) PHILADELPHIA
STATE: West Virginia
REP ORG: Shell Engineering & Assoc., MO
MONITOR TYPE: INDUSTRIAL

PARAMETER	ACTIVE MONITORS	# NOT REPORTING	# MONITORS > 75%	MONITORS AVG COMPLETENESS
42401 Sulfur dioxide	1	0	1	95.0%
MT SUMMARY: INDUSTRIAL	1	0	1	95.0%
RO SUMMARY: Shell Engineering & Assoc., MO	1	0	1	95.0%
STATE SUMMARY: West Virginia	1	0	1	95.0%
REGION SUMMARY: (03) PHILADELPHIA	1	0	1	95.0%

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 DATA COMPLETENESS REPORT

Mar. 30, 2015

REPORT SUMMARY

DATE RANGE: JAN. 01, 2014 THRU DEC. 31, 2014
 REGION: (05) CHICAGO
 STATE: Ohio
 REP ORG: Ohio EPA, Southeast District Office
 MONITOR TYPE: INDUSTRIAL

PARAMETER	ACTIVE MONITORS	# NOT REPORTING	# MONITORS > 75%	MONITORS AVG COMPLETENESS
42401 Sulfur dioxide	2	0	2	95.0%
MT SUMMARY: INDUSTRIAL	2	0	2	95.0%
RO SUMMARY: Ohio EPA, Southeast District Office	2	0	2	95.0%
STATE SUMMARY: Ohio	2	0	2	95.0%
REGION SUMMARY: (05) CHICAGO	2	0	2	95.0%
REPORT SUMMARY:	3	0	3	95.0%

User ID: GYE

DESIGN VALUE REPORT

Report Request ID: 1313202

Report Code: AMP480

Mar. 30, 2015

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	39	081	0020								
	39	081	0018								
	54	009	6000								

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
DESIGN VALUE	42401		

SELECTED OPTIONS

Option Type	Option Value
SINGLE EVENT PROCESSING	EXCLUDE REGIONALLY CONCURRED EVENTS
WORKFILE DELIMITER	,
USER SITE METADATA	STREET ADDRESS
MERGE PDF FILES	YES
QUARTERLY DATA IN WORKFILE	NO
AGENCY ROLE	PQAO

DATE CRITERIA

Start Date	End Date
2013	2014

APPLICABLE STANDARDS

Standard Description
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
PRELIMINARY DESIGN VALUE REPORT

Report Date: Mar. 30, 2015

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Mar. 30, 2015

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2013

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75 **State Name:** Ohio

<u>Site ID</u>	<u>STREET ADDRESS</u>	2013			2012			2011			3-Year	
		<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Design</u> <u>Value</u>	<u>Valid</u> <u>Ind.</u>
39-081-0018	3487 COUNTY RD. 19	4	52		4	37		4	55		48	Y
39-081-0020	1469 3rd ST.	4	33		4	28		4	43		35	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Mar. 30, 2015

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2013

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75

State Name: West Virginia

<u>Site ID</u>	<u>STREET ADDRESS</u>	2013			2012			2011			3-Year	
		<u>Comp. Qtrrs</u>	<u>99th Percentile</u>	<u>Cert& Eval</u>	<u>Comp. Qtrrs</u>	<u>99th Percentile</u>	<u>Cert& Eval</u>	<u>Comp. Qtrrs</u>	<u>99th Percentile</u>	<u>Cert& Eval</u>	<u>Design Value</u>	<u>Valid Ind.</u>
54-009-6000	STATE TOUTE 2, BOX27A, BEEC	4	21		4	28	N	4	46		32	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Mar. 30, 2015

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2014

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75 **State Name:** Ohio

Site ID	STREET ADDRESS	2014			2013			2012			3-Year	
		Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Comp. Qtrrs	99th Percentile	Cert& Eval	Design Value	Valid Ind.
39-081-0018	3487 COUNTY RD. 19	4	38		4	52		4	37		42	Y
39-081-0020	1469 3rd ST.	4	24		4	33		4	28		28	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Mar. 30, 2015

Pollutant: Sulfur dioxide(42401)
Standard Units: Parts per billion(008)
NAAQS Standard: SO2 1-hour 2010
Statistic: Annual 99th Percentile

Design Value Year: 2014

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75

State Name: West Virginia

<u>Site ID</u>	<u>STREET ADDRESS</u>	2014			2013			2012			3-Year	
		<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Design</u> <u>Value</u>	<u>Valid</u> <u>Ind.</u>
54-009-6000	STATE TOUTE 2, BOX27A, BEEC	4	20		4	21		4	28	N	23	Y

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
PRELIMINARY DESIGN VALUE REPORT

Report Date: Mar. 30, 2015

CERTIFICATION EVALUATION AND CONCURRENCE FLAG MEANINGS

FLAG	MEANING
M	The monitoring organization has revised data from this monitor since the most recent certification letter received from the state.
N	The certifying agency has submitted the certification letter and required summary reports, but the certifying agency and/or EPA has determined that issues regarding the quality of the ambient concentration data cannot be resolved due to data completeness, the lack of performed quality assurance checks or the results of uncertainty statistics shown in the AMP255 report or the certification and quality assurance report.
S	The certifying agency has submitted the certification letter and required summary reports. A value of "S" conveys no Regional assessment regarding data quality per se. This flag will remain until the Region provides an "N" or "Y" concurrence flag.
U	Uncertified. The certifying agency did not submit a required certification letter and summary reports for this monitor even though the due date has passed, or the state's certification letter specifically did not apply the certification to this monitor.
X	Certification is not required by 40 CFR 58.15 and no conditions apply to be the basis for assigning another flag value
Y	The certifying agency has submitted a certification letter, and EPA has no unresolved reservations about data quality (after reviewing the letter, the attached summary reports, the amount of quality assurance data submitted to AQS, the quality statistics, and the highest reported concentrations).

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

User ID: GYE

QUICKLOOK CRITERIA PARAMETERS

Report Request ID: 1313203

Report Code: AMP450

Mar. 30, 2015

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	39	081	0020								
	39	081	0018								
	54	009	6000								

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
QUICK LOOK	42401		

SELECTED OPTIONS

Option Type	Option Value
WORKFILE DELIMITER	,
MERGE PDF FILES	YES
EVENTS PROCESSING	EXCLUDE REGIONALLY CONCURRED EVENTS
AGENCY ROLE	PQAO

SORT ORDER

Order	Column
1	PARAMETER_CODE
2	STATE_CODE
3	COUNTY_CODE
4	SITE_ID
5	POC
6	DATES
7	EDT_ID

DATE CRITERIA

Start Date	End Date
2011	2014

APPLICABLE STANDARDS

Standard Description
SO2 1-hour 2010
SO2 24-hour 1971
SO2 3-hour 1971
SO2 Annual 1971

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
QUICK LOOK REPORT (AMP450)

Mar. 30, 2015

EXCEPTIONAL DATA TYPES

EDT	DESCRIPTION
0	NO EVENTS
1	EVENTS EXCLUDED
2	EVENTS INCLUDED
5	EVENTS WITH CONCURRENCE EXCLUDED

Note: The * indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 QUICK LOOK REPORT (AMP450)

Mar. 30, 2015

Sulfur dioxide (42401)

Ohio

Parts per billion (008)

SITE ID	P O C	PQAO	CITY	COUNTY	ADDRESS	YEAR	METH	OBS	COMP QTRS	1ST	2ND	99TH	1ST	2ND	Days	ARITH	CERT
										MAX 1-HR	MAX 1-HR	PCTL 1-HR	MAX 24-HR	MAX 24-HR	>24HR STD	MEAN AN-STD	and EVAL EDT
39-081-0018	1	1373	Not in a city	Jefferson	3487 COUNTY RD. 19	2011	060	8356	4	73.0	67.0	55.0	12.5	11.9	0	3.77	0
39-081-0018	1	1373	Not in a city	Jefferson	3487 COUNTY RD. 19	2012	060	8390	4	84.0	44.0	37.0	16.0	12.2	0	4.10	0
39-081-0018	1	1373	Not in a city	Jefferson	3487 COUNTY RD. 19	2013	060	8325	4	71.0	68.0	52.0	16.8	11.7	0	3.83	0
39-081-0018	1	1373	Not in a city	Jefferson	3487 COUNTY RD. 19	2014	060	8361	4	57.0	50.0	38.0	11.1	10.5	0	4.11	0
39-081-0020	1	1373	Not in a city	Jefferson	1469 3rd ST.	2011	060	8324	4	62.0	53.0	43.0	9.9	9.5	0	3.62	0
39-081-0020	1	1373	Not in a city	Jefferson	1469 3rd ST.	2012	060	8210	4	44.0	38.0	28.0	7.8	7.7	0	2.87	0
39-081-0020	1	1373	Not in a city	Jefferson	1469 3rd ST.	2013	060	8354	4	41.0	34.0	33.0	9.5	7.4	0	3.24	0
39-081-0020	1	1373	Not in a city	Jefferson	1469 3rd ST.	2014	060	8333	4	30.0	27.0	24.0	8.1	7.9	0	2.30	0

Note: The * indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 QUICK LOOK REPORT (AMP450)

Mar. 30, 2015

Sulfur dioxide (42401)

West Virginia

Parts per billion (008)

SITE ID	P O C	PQAO	CITY	COUNTY	ADDRESS	YEAR	METH	OBS	COMP QTRS	1ST	2ND	99TH	1ST	2ND	Days	ARITH	CERT
										MAX 1-HR	MAX 1-HR	PCTL 1-HR	MAX 24-HR	MAX 24-HR	>24HR STD	MEAN AN-STD	and EVAL EDT
54-009-6000	1	1373	Beech Bottom	Brooke	STATE TOUTE 2, BOX27A, BEECH BOTTOM, WVA	2011	060	8369	4	80.0	79.0	46.0	13.3	12.1	0	3.80	0
54-009-6000	1	1373	Beech Bottom	Brooke	STATE TOUTE 2, BOX27A, BEECH BOTTOM, WVA	2012	060	8384	4	45.0	37.0	28.0	7.2	6.6	0	2.39	N 0
54-009-6000	1	1373	Beech Bottom	Brooke	STATE TOUTE 2, BOX27A, BEECH BOTTOM, WVA	2013	060	8335	4	37.0	32.0	21.0	5.7	5.0	0	1.82	0
54-009-6000	1	1373	Beech Bottom	Brooke	STATE TOUTE 2, BOX27A, BEECH BOTTOM, WVA	2014	060	8326	4	47.0	46.0	20.0	7.1	7.1	0	1.72	0

Note: The * indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
QUICK LOOK REPORT (AMP450)
Lead (TSP) LC

Mar. 30, 2015

Note: These reported values do not reflect the combination of 14129 and 85129 and validation substitution tests utilized for Design Value Calculations

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
QUICK LOOK REPORT (AMP450 END)

Mar. 30, 2015

METHODS USED IN THIS REPORT

PARAMETER	METHOD CODE	COLLECTION METHOD	ANALYSIS METHOD
42401	060	INSTRUMENTAL	PULSED FLUORESCENT

Note: The * indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
QUICK LOOK REPORT (AMP450 END)

Mar. 30, 2015

PQAOS USED IN THIS REPORT

PQAO	AGENCY DESCRIPTION
1373	Shell Engineering & Assoc., MO

Note: The * indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
QUICK LOOK REPORT (AMP450 END)

Mar. 30, 2015

CERTIFICATION EVALUATION AND CONCURRENCE FLAG MEANINGS

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Y	The certifying agency has submitted a certification letter, and EPA has no unresolved reservations about data quality (after reviewing the letter, the attached summary reports, the amount of quality assurance data submitted to AQS, the quality statistics, and the highest reported concentrations).

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