

User ID: XCMROBBINS

RAW DATA REPORT

Report Request ID: 1762432

Report Code: AMP350

Jul. 16, 2019

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	42	019	0020		2						

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
ALL		089	

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
2013 01 01	2016 12 31

APPLICABLE STANDARDS

Standard Description
CO 1-hour 1971
Lead 3-Month 2009
Lead 3-Month PM10 Surrogate 2009
Lead Quarterly 1978
NO2 Annual 1971
Ozone 1-hour 1979
PM10 24-hour 2006
PM25 24-hour 2012
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 16, 2019

(12103) Arsenic (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-38-2  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.003	.001		
2								.001				
3		.002				.001	AF					
4	AF			.006 5	AF							
5			.001									
6											.000 ND	.000 ND
7									.000 ND	.000 ND		
8								AF				
9		AF				.001	.001					
10	.001			AF	AF							
11			.000 ND								.000 ND	.002
12												
13									.000 ND	.001		
14								.000 ND				
15		.001				.001	.001					
16	.002			.000 ND	.001							
17			.001									
18											.000 ND	.001
19									.002	.002		
20								.002				
21		.000 ND				.002	.002					
22	AF			.000 ND	.001							
23			AF									
24											AF	.001
25									.000 ND	AF		
26								.001				
27		.000 ND				.001	.003 5					
28	.000 ND			.002	.002							
29			.001									
30											AF	.000 ND
31										.001		
NO.:	3	4	4	4	3	5	4	4	5	5	3	5
MAX:	.002	.002	.001	.006	.002	.002	.003	.002	.003	.002	0.000	.002
MEAN:	.0010	.0008	.0008	.0020	.0013	.0012	.0018	.0010	.0010	.0010	0.0000	.0008
ANNUAL OBSERVATIONS:		49		ANNUAL MEAN:	.0011	ANNUAL MAX:	.006					

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 AIR QUALITY SYSTEM  
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 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-38-2  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.000 ND	.000 ND
2									.001	.002		
3								.002				
4		.001				.001	AF					
5	AF			.000 ND	.000 ND							
6			.000 ND									
7											.000 ND	.001
8									.001	AF		
9								AF				
10		.000 ND				AF	AF					
11	AF			.001	.002							
12			.001									
13											.000 ND	AF
14									.000 ND	AF		
15								.002				
16		.001				.002	.001					
17	.001			.001	.001							
18			.000 ND									
19											.000 ND	AF
20									.000 ND	AF		
21								.001				
22		.000 ND				.002	.001					
23	.001			.000 ND	AF							
24			.000 ND									
25											.000 ND	.001
26									.000 ND	.000 ND		
27								.001				
28		.001				AF	.002					
29	.000 ND			.001	.001							
30			.000 ND									
31												AF
NO.:	3	5	5	5	4	3	3	4	5	2	5	3
MAX:	.001	.001	.001	.001	.002	.002	.002	.002	.001	.002	0.000	.001
MEAN:	.0007	.0006	.0002	.0006	.0010	.0017	.0013	.0015	.0004	.0010	0.0000	.0007
ANNUAL OBSERVATIONS:	47		ANNUAL MEAN:		.0007		ANNUAL MAX:		.002			

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 MONITOR COMMENTS:

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 AQCR: (197) SOUTHWEST PENNSYLVANIA  
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 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-38-2  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			AF									
2											AF	.000 ND
3									.001	.000 ND		
4								.001				
5		.000 ND				.001	AF					
6	.001			.000 ND	.001							
7			AF									
8											.000 ND	AF
9									.001	.001		
10								.002				
11		.001				.000 ND	.001					
12	AF			.001	AF							
13			AF									
14									.002	AF	.000 ND	AF
15								.001				
16												
17		AF				.003 5	AF					
18	AF			AF	AF							
19			.000 ND									
20											.000 ND	.001
21									AF	AF		
22								.000 ND				
23		AF				AF	AF					
24	AF			AF	AF							
25			.000 ND									
26											AM	.000 ND
27									AF	AF		
28								.001				
29						AF	.001					
30	AF			AF	.001							
31			.000 ND									
NO.:	1	2	3	2	2	3	2	5	3	2	3	3
MAX:	.001	.001	0.000	.001	.001	.003	.001	.002	.002	.001	0.000	.001
MEAN:	.0010	.0005	0.0000	.0005	.0010	.0013	.0010	.0010	.0013	.0005	0.0000	.0003
ANNUAL OBSERVATIONS:	31		ANNUAL MEAN:	.0007		ANNUAL MAX:	.003					

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(12103) Arsenic (TSP) STP

SITE ID: 42-019-0020 POC: 2  
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 CITY: (71184) Slippery Rock  
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 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-38-2  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2016

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.000 ND									
2												
3												
4												
5						.001	.002					
6		FI		.000 ND	.000 ND							
7	AF		AM									
8												
9												
10												
11						.001	.001					
12		FI		.000 ND	.001							
13	AF		AF									
14												
15												
16												
17						.000 ND	.000 ND					
18		AM		.001	.000 ND							
19	.000 ND		AM									
20												
21												
22												
23						.001	.001					
24		AM		.001	.001							
25	.000 ND		.000 ND									
26												
27												
28												
29						.000 ND	.001					
30				.000 ND	.002 5							
31	.000 ND		.000 ND									
NO.:	4	0	3	5	5	5	5	0	0	0	0	0
MAX:	0.000		0.000	.001	.002	.001	.002					
MEAN:	0.0000		0.0000	.0004	.0008	.0006	.0010					
ANNUAL OBSERVATIONS:	27		ANNUAL MEAN:	.0005		ANNUAL MAX:	.002					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 16, 2019

(12105) Beryllium (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-41-7  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Nanograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.000 ND	.000 ND		
2								.000 ND				
3		.000 ND				.000 ND	AF					
4	AF			.000 ND	AF							
5			.000 ND									
6											.000 ND	.000 ND
7									.000 ND	.000 ND		
8								AF				
9		AF				.000 ND	.000 ND					
10	.000 ND			AF	AF							
11			.000 ND								.000 ND	.000 ND
12												
13									.000 ND	.000 ND		
14								.000 ND				
15		.000 ND				.000 ND	.000 ND					
16	.000 ND			.000 ND	.000 ND							
17			.000 ND									
18											.000 ND	.000 ND
19									.000 ND	.000 ND		
20								.000 ND				
21		.000 ND				.000 ND	.000 ND					
22	AF			.000 ND	.000 ND							
23			AF									
24											AF	.000 ND
25									.000 ND	AF		
26								.000 ND				
27		.000 ND				.000 ND	.000 ND					
28	.000 ND			.000 ND	.000 ND							
29			.000 ND									
30											AF	.000 ND
31										.000 ND		
NO.:	3	4	4	4	3	5	4	4	5	5	3	5
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	49		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

Note: Qualifier codes with regional concurrence are shown in upper case, and those without 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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 SITE COMMENTS:  
 MONITOR COMMENTS:

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 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-41-7  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Nanograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.000 ND	.000 ND
2									.000 ND	.000 ND		
3								.000 ND				
4		.000 ND				.000 ND	AF					
5	AF			.000 ND	.000 ND							
6			.000 ND									
7											.000 ND	.000 ND
8									.000 ND	AF		
9								AF				
10		.000 ND				AF	AF					
11	AF			.000 ND	.000 ND						.000 ND	AF
12			.000 ND									
13									.000 ND	AF		
14												
15								.000 ND				
16		.000 ND				.000 ND	.000 ND					
17	.000 ND			.000 ND	.000 ND							
18			.000 ND									
19											.000 ND	AF
20									.000 ND	AF		
21								.000 ND				
22		.000 ND				.000 ND	.000 ND					
23	.000 ND			.000 ND	AF							
24			.000 ND									
25											.000 ND	.000 ND
26									.000 ND	.000 ND		
27								.000 ND				
28		.000 ND				AF	.000 ND					
29	.000 ND			.000 ND	.000 ND							
30			.000 ND									
31												AF
NO.:	3	5	5	5	4	3	3	4	5	2	5	3
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	47		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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(12105) Beryllium (TSP) STP

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 MONITOR COMMENTS:

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 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
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 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			AF									
2											AF	.000 ND
3									.000 ND	.000 ND		
4								.000 ND				
5		.000 ND				.000 ND	AF					
6	.000 ND			.000 ND	.000 ND							
7			AF									
8											.000 ND	AF
9									.000 ND	.000 ND		
10								.000 ND				
11		.000 ND				.000 ND	.000 ND					
12	AF			.000 ND	AF							
13			AF									
14									.000 ND		.000 ND	AF
15										AF		
16								.000 ND				
17		AF				.000 ND	AF					
18	AF			AF	AF							
19			.000 ND									
20											.000 ND	.000 ND
21									AF	AF		
22								.000 ND				
23		AF				AF	AF					
24	AF			AF	AF							
25			.000 ND									
26											AM	.000 ND
27									AF	AF		
28								.000 ND				
29						AF	.000 ND					
30	AF			AF	.000 ND							
31			.000 ND									
NO.:	1	2	3	2	2	3	2	5	3	2	3	3
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	31		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2016

DURATION: 24 HOUR  
 UNITS: Nanograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.000 ND									
2												
3												
4												
5						.000 ND	.000 ND					
6		FI		.000 ND	.000 ND							
7	AF		AM									
8												
9												
10												
11						.000 ND	.000 ND					
12		FI		.000 ND	.000 ND							
13	AF		AF									
14												
15												
16												
17						.000 ND	.000 ND					
18		AM		.000 ND	.000 ND							
19	.000 ND		AM									
20												
21												
22												
23						.000 ND	.000 ND					
24		AM		.000 ND	.000 ND							
25	.000 ND		.000 ND									
26												
27												
28												
29						.000 ND	.000 ND					
30				.000 ND	.000 ND							
31	.000 ND		.000 ND									
NO.:	4	0	3	5	5	5	5	0	0	0	0	0
MAX:	0.000		0.000	0.000	0.000	0.000	0.000	0.000				
MEAN:	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000				
ANNUAL OBSERVATIONS:	27		ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000						

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

Jul. 16, 2019

(12110) Cadmium (TSP) STP  
 SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-43-9  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.000	.001		
2								.000				
3		.001				.000 ND	AF					
4	AF			.000 ND	AF							
5			.000 ND									
6											.000	.000 ND
7									.000	.000 ND		
8								AF				
9		AF				.000 ND	.000					
10	.000			AF	AF							
11			.000 ND								.000 ND	.000
12												
13									.000 ND	.000 ND		
14								.000 ND				
15		.000 ND				.000 ND	.000 ND					
16	.001 5			.000	.000 ND							
17			.000									
18											.000 ND	.001
19									.001	.001 5		
20								.001				
21		.000 ND				.001	.000 ND					
22	AF			.000	.003 5							
23			AF									
24											AF	.000 ND
25									.000 ND	AF		
26								.000				
27		.000 ND				.000 ND	.001					
28	.001			.001 5	.000							
29			.000 ND									
30											AF	.000 ND
31										.000		
NO.:	3	4	4	4	3	5	4	4	5	5	3	5
MAX:	.001	.001	0.000	.001	.003	.001	.001	.001	.001	.001	0.000	.001
MEAN:	.0007	.0003	0.0000	.0003	.0010	.0002	.0003	.0003	.0002	.0004	0.0000	.0002
ANNUAL OBSERVATIONS:		49		ANNUAL MEAN:	.0003	ANNUAL MAX:	.003					

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

Jul. 16, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-43-9  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.000 ND	.000
2									.001 5	.000 ND		
3								.000				
4		.000 ND				.000 ND	AF					
5	AF			.000 ND	.000 ND							
6			.000 ND									
7											.000 ND	.000
8									.000 ND	AF		
9								AF				
10		.000				AF	AF					
11	AF			.000	.000							
12			.000 ND								.000 ND	AF
13									.000 ND	AF		
14												
15								.000 ND				
16		.001 5				.000	.000 ND					
17	.000			.000 ND	.000 ND							
18			.000 ND									
19											.000	AF
20									.000 ND	AF		
21								.000				
22		.000				.000 ND	.000 ND					
23	.001			.000 ND	AF							
24			.000 ND									
25											.000 ND	.000 ND
26									.000 ND	.000 ND		
27								.000 ND				
28		.000 ND				AF	.000 ND					
29	.000			.000 ND	.000 ND							
30			.000 ND									
31												AF
NO.:	3	5	5	5	4	3	3	4	5	2	5	3
MAX:	.001	.001	0.000	0.000	0.000	0.000	0.000	0.000	.001	0.000	0.000	0.000
MEAN:	.0003	.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.0002	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	47		ANNUAL MEAN:		.0001		ANNUAL MAX:		.001			

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

Jul. 16, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-43-9  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			AF									
2											AF	.000 ND
3									.000 ND	.000 ND		
4								.000				
5		.000 ND				.000 ND	AF					
6	.000			.000	.000 ND							
7			AF									
8											.000 ND	AF
9									.000 ND	.001		
10								.000				
11		.000				.000	.000 ND					
12	AF			.000 ND	AF							
13			AF									
14											.000 ND	AF
15									.001	AF		
16								.000 ND				
17		AF				.000 ND	AF					
18	AF			AF	AF							
19			.000 ND									
20											.000 ND	.000
21										AF	AF	
22								.000 ND				
23		AF				AF	AF					
24	AF			AF	AF							
25			.000 ND									
26											AM	.000 ND
27										AF	AF	
28								.000 ND				
29						AF	.000					
30	AF			AF	.000 ND							
31			.000 ND									
NO.:	1	2	3	2	2	3	2	5	3	2	3	3
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	.001	.001	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.0003	.0005	0.0000	0.0000
ANNUAL OBSERVATIONS:	31		ANNUAL MEAN:		.0001		ANNUAL MAX:		.001			

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

Jul. 16, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-43-9  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2016

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.000 ND									
2												
3												
4												
5						.000	.000 ND					
6		FI		.000 ND	.000 ND							
7	AF		AM									
8												
9												
10												
11						.003 5	.000 ND					
12		FI		.000 ND	.000 ND							
13	AF		AF									
14												
15												
16												
17						.000 ND	.002 5					
18		AM		.000 ND	.000 ND							
19	.000		AM									
20												
21												
22												
23						.000	.000 ND					
24		AM		.000 ND	.000 ND							
25	.000 ND		.000 ND									
26												
27												
28												
29						.000 ND	.001					
30				.000 ND	.001							
31	.000 ND		.000 ND									
NO.:	4	0	3	5	5	5	5	0	0	0	0	0
MAX:	0.000		0.000	0.000	.001	.003	.002					
MEAN:	0.0000		0.0000	0.0000	.0002	.0006	.0006					
ANNUAL OBSERVATIONS:	27		ANNUAL MEAN:	.0003		ANNUAL MAX:	.003					

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

Jul. 16, 2019

(12112) Chromium (TSP) STP  
 SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-47-3  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.000 ND	.000 ND		
2								.000 ND				
3		.000 ND				.000 ND	AF					
4	AF			.000 ND	AF							
5			.000 ND									
6											.000 ND	.000 ND
7									.000 ND	.000 ND		
8								AF				
9		AF				.000 ND	.000 ND					
10	.000 ND			AF	AF							
11			.000 ND								.000 ND	.000 ND
12												
13									.000 ND	.000 ND		
14								.000 ND				
15		.000 ND				.000 ND	.000 ND					
16	.011			.000 ND	.000 ND							
17			.000 ND									
18											.000 ND	.000 ND
19									.000 ND	.000 ND		
20								.000 ND				
21		.000 ND				.000 ND	.000 ND					
22	AF			.000 ND	.000 ND							
23			AF									
24											AF	.000 ND
25									.000 ND	AF		
26								.000 ND				
27		.000 ND				.000 ND	.000 ND					
28	.000 ND			.000 ND	.000 ND							
29			.000 ND									
30											AF	.000 ND
31										.000 ND		
NO.:	3	4	4	4	3	5	4	4	5	5	3	5
MAX:	.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	.0037	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	49		ANNUAL MEAN:		.0002		ANNUAL MAX:		.011			

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 16, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-47-3  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.000 ND	.000 ND
2									.000 ND	.000 ND		
3								.000 ND				
4		.000 ND				.000 ND	AF					
5	AF			.000 ND	.000 ND							
6			.000 ND									
7											.000 ND	.000 ND
8									.000 ND	AF		
9								AF				
10		.000 ND				AF	AF					
11	AF			.000 ND	.000 ND						.000 ND	AF
12			.000 ND									
13											.000 ND	AF
14									.000 ND	AF		
15								.005				
16		.000 ND				.000 ND	.000 ND					
17	.000 ND			.000 ND	.000 ND							
18			.000 ND									
19											.000 ND	AF
20									.000 ND	AF		
21								.000 ND				
22		.000 ND				.000 ND	.000 ND					
23	.000 ND			.000 ND	AF							
24			.000 ND									
25											.000 ND	.000 ND
26									.000 ND	.000 ND		
27								.000 ND				
28		.000 ND				AF	.000 ND					
29	.000 ND			.000 ND	.000 ND							
30			.000 ND									
31												AF
NO.:	3	5	5	5	4	3	3	4	5	2	5	3
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	.005	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.0013	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	47		ANNUAL MEAN:		.0001		ANNUAL MAX:		.005			

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

Jul. 16, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-47-3  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			AF									
2											AF	.000 ND
3									.000 ND	.000 ND		
4								.000 ND				
5		.000 ND				.000 ND	AF					
6	.000 ND			.000 ND	.000 ND							
7			AF									
8											.000 ND	AF
9									.000 ND	.000 ND		
10								.000 ND				
11		.000 ND				.006	.000 ND					
12	AF			.000 ND	AF							
13			AF									
14									.000 ND	AF	.000 ND	AF
15								.000 ND				
16												
17		AF				.000 ND	AF					
18	AF			AF	AF							
19			.000 ND									
20											.000 ND	.000 ND
21									AF	AF		
22								.000 ND				
23		AF				AF	AF					
24	AF			AF	AF							
25			.000 ND									
26											AM	.000 ND
27									AF	AF		
28								.000 ND				
29						AF	.000 ND					
30	AF			AF	.000 ND							
31			.000 ND									
NO.:	1	2	3	2	2	3	2	5	3	2	3	3
MAX:	0.000	0.000	0.000	0.000	0.000	.006	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	.0020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	31		ANNUAL MEAN:	.0002	ANNUAL MAX:	.006						

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

Jul. 16, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-47-3  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2016

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.000 ND									
2												
3												
4												
5						.000 ND	.000 ND					
6		FI		.000 ND	.000 ND							
7	AF		AM									
8												
9												
10												
11						.000 ND	.000 ND					
12		FI		.000 ND	.000 ND							
13	AF		AF									
14												
15												
16												
17						.000 ND	.000 ND					
18		AM		.000 ND	.000 ND							
19	.000 ND		AM									
20												
21												
22												
23						.000 ND	.000 ND					
24		AM		.000 ND	.000 ND							
25	.000 ND		.000 ND									
26												
27												
28												
29						.000 ND	.000 ND					
30				.000 ND	.000 ND							
31	.000 ND		.000 ND									
NO.:	4	0	3	5	5	5	5	0	0	0	0	0
MAX:	0.000		0.000	0.000	0.000	0.000	0.000	0.000				
MEAN:	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000				
ANNUAL OBSERVATIONS:		27		ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000					

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

Jul. 16, 2019

(12128) Lead (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-92-1  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.0056	.0059		
2								.0000 ND				
3		.0131				.0000 ND	AF					
4	AF			.0000 ND	AF							
5			.0000 ND									
6											.0000 ND	.0000 ND
7									.0105	.0000 ND		
8								AF				
9		AF				.0074	.0000 ND					
10	.0000 ND			AF	AF							
11			.0000 ND								.0000 ND	.0000 ND
12												
13									.0000 ND	.0000 ND		
14								.0000 ND				
15		.0000 ND				.0000 ND	.0136					
16	.0097			.0000 ND	.0000 ND							
17			.0076									
18											.0000 ND	.0053
19									.0104	.0081		
20								.0078				
21		.0000 ND				.0084	.0000 ND					
22	AF			.0000 ND	.0152							
23			AF									
24											AF	.0000 ND
25									.0000 ND	AF		
26								.0155				
27		.0000 ND				.0000 ND	.0101					
28	.0000 ND			.0000 ND	.0051							
29			.0056									
30											AF	.0000 ND
31										.0000 ND		
NO.:	3	4	4	4	3	5	4	4	5	5	3	5
MAX:	.0097	.0131	.0076	0.0000	.0152	.0084	.0136	.0155	.0105	.0081	0.0000	.0053
MEAN:	.00323	.00328	.00330	0.00000	.00677	.00316	.00593	.00583	.00530	.00280	0.00000	.00106
ANNUAL OBSERVATIONS:	49		ANNUAL MEAN:		.00337		ANNUAL MAX:		.0155			

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

Jul. 16, 2019

(12128) Lead (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-92-1  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.0000 ND	.0000 ND
2									.0000 ND	.0056		
3								.0000 ND				
4		.0335 5				.0000 ND	AF					
5	AF			.0000 ND	.0000 ND							
6			.0000 ND									
7											.0000 ND	.0000 ND
8									.0000 ND	AF		
9								AF				
10		.0000 ND				AF	AF					
11	AF			.0000 ND	.0064							
12			.0727 5									
13											.0000 ND	AF
14									.0000 ND	AF		
15								.0000 ND				
16		.0063				.0179	.0000 ND					
17	.0000 ND			.0000 ND	.0000 ND							
18			.0000 ND									
19											.0000 ND	AF
20									.0000 ND	AF		
21								.0000 ND				
22		.0000 ND				.0053	.0000 ND					
23	.0000 ND			.0000 ND	AF							
24			.0000 ND									
25											.0000 ND	.0000 ND
26								.0000 ND		.0000 ND		
27												
28		.0055				AF	.0000 ND					
29	.0000 ND			.0000 ND	.0000 ND							
30			.0000 ND									
31												AF
NO.:	3	5	5	5	4	3	3	4	5	2	5	3
MAX:	0.0000	.0335	.0727	0.0000	.0064	.0179	0.0000	0.0000	0.0000	.0056	0.0000	0.0000
MEAN:	0.00000	.00906	.01454	0.00000	.00160	.00773	0.00000	0.00000	0.00000	.00280	0.00000	0.00000
ANNUAL OBSERVATIONS:		47		ANNUAL MEAN:	.00326	ANNUAL MAX:	.0727					

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

Jul. 16, 2019

(12128) Lead (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-92-1  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			AF									
2											AF	.0000 ND
3									.0000 ND	.0000 ND		
4								.0000 ND				
5		.0000 ND				.0000 ND	AF					
6	.0102			.0000 ND	.0000 ND							
7			AF									
8											.0000 ND	AF
9									.0000 ND	.0000 ND		
10								.0084				
11		.0000 ND				.0000 ND	.0000 ND					
12	AF			.0000 ND	AF							
13			AF									
14									.0000 ND	AF	.0000 ND	AF
15									.0000 ND			
16								.0000 ND				
17		AF				.0070	AF					
18	AF			AF	AF							
19			.0000 ND									
20											.0053	.0000 ND
21									AF	AF		
22								.0000 ND				
23		AF				AF	AF					
24	AF			AF	AF							
25			.0000 ND									
26											AM	.0000 ND
27									AF	AF		
28								.0000 ND				
29						AF	.0000 ND					
30	AF			AF	.0000 ND							
31			.0000 ND									
NO.:	1	2	3	2	2	3	2	5	3	2	3	3
MAX:	.0102	0.0000	0.0000	0.0000	0.0000	.0070	0.0000	.0084	0.0000	0.0000	.0053	0.0000
MEAN:	.01020	0.00000	0.00000	0.00000	0.00000	.00233	0.00000	.00168	0.00000	0.00000	.00177	0.00000
ANNUAL OBSERVATIONS:	31		ANNUAL MEAN:		.00100		ANNUAL MAX:		.0102			

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

Jul. 16, 2019

(12128) Lead (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-92-1  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2016

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.0000 ND		.0000 ND									
2												
3												
4												
5						.0000 ND	.0000 ND					
6		FI		.0000 ND	.0000 ND							
7	AF		AM									
8												
9												
10												
11						.0000 ND	.0000 ND					
12		FI		.0000 ND	.0000 ND							
13	AF		AF									
14												
15												
16												
17						.0000 ND	.0000 ND					
18		AM		.0000 ND	.0000 ND							
19	.0000 ND		AM									
20												
21												
22												
23						.0000 ND	.0000 ND					
24		AM		.0000 ND	.0000 ND							
25	.0000 ND		.0000 ND									
26												
27												
28												
29						.0000 ND	.0000 ND					
30				.0000 ND	.0000 ND							
31	.0000 ND		.0000 ND									
NO.:	4	0	3	5	5	5	5	0	0	0	0	0
MAX:	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000				
MEAN:	0.00000		0.00000	0.00000	0.00000	0.00000	0.00000	0.00000				
ANNUAL OBSERVATIONS:	27		ANNUAL MEAN:	0.00000	ANNUAL MAX:	0.0000						

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

Jul. 16, 2019

(12132) Manganese (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-96-5  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.007	.012		
2								.013				
3		.012				.006	AF					
4	AF			.017	AF							
5			.005									
6											.011	.002
7									.011	.006		
8								AF				
9		AF				.006	.007					
10	.006			AF	AF							
11			.007								.002	.006
12									.002	.002		
13												
14								.004				
15		.006				.005	.006					
16	.027 5			.012	.024 5							
17			.008									
18											.009	.006
19									.016	.007		
20								.014				
21		.003				.016	.004					
22	AF			.008	.023 5							
23			AF									
24									.004	AF	AF	.004
25												
26								.013				
27		.002				.005	.009					
28	.006			.021 5	.012							
29			.013									
30											AF	.002
31										.007		
NO.:	3	4	4	4	3	5	4	4	5	5	3	5
MAX:	.027	.012	.013	.021	.024	.016	.009	.014	.016	.012	.011	.006
MEAN:	.0130	.0058	.0083	.0145	.0197	.0076	.0065	.0110	.0080	.0068	.0073	.0040
ANNUAL OBSERVATIONS:		49		ANNUAL MEAN:	.0089	ANNUAL MAX:	.027					

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

Jul. 16, 2019

(12132) Manganese (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-96-5  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.002	.003
2									.010	.011		
3								.008				
4		.010				.009	AF					
5	AF			.004	.004							
6			.017									
7											.006	.005
8									.006	AF		
9								AF				
10		.006				AF	AF					
11	AF			.006	.013						.007	AF
12			.006									
13									.003	AF		
14								.010				
15		.008				.010	.005					
16	.007			.011	.004							
17			.013								.012	AF
18									.008	AF		
19								.007				
20		.009				.005	.008					
21	.007			.003	AF							
22			.013									
23									.006	.010	.006	.001
24								.010				
25		.011				AF	.006					
26	.009			.002	.012							
27			.004									
28												AF
29												
30												
31												
NO.:	3	5	5	5	4	3	3	4	5	2	5	3
MAX:	.009	.011	.017	.011	.013	.010	.008	.010	.010	.011	.012	.005
MEAN:	.0077	.0088	.0106	.0052	.0083	.0080	.0063	.0088	.0066	.0105	.0066	.0030
ANNUAL OBSERVATIONS:	47		ANNUAL MEAN:		.0075		ANNUAL MAX:		.017			

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

Jul. 16, 2019

(12132) Manganese (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-96-5  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			AF									
2											AF	.003
3									.009	.003		
4								.059 5				
5		.005				.008	AF					
6	.011			.013	.009							
7			AF									
8											.003	AF
9									.010	.009		
10								.010				
11		.019				.014	.003					
12	AF			.009	AF							
13			AF									
14									.010	AF	.004	AF
15								.010				
16												
17		AF				.006	AF					
18	AF			AF	AF							
19			.009									
20											.009	.006
21									AF	AF		
22								.003				
23		AF				AF	AF					
24	AF			AF	AF							
25			.008									
26											AM	.002
27									AF	AF		
28								.007				
29						AF	.013					
30	AF			AF	.005							
31			.005									
NO.:	1	2	3	2	2	3	2	5	3	2	3	3
MAX:	.011	.019	.009	.013	.009	.014	.013	.059	.010	.009	.009	.006
MEAN:	.0110	.0120	.0073	.0110	.0070	.0093	.0080	.0178	.0097	.0060	.0053	.0037
ANNUAL OBSERVATIONS:		31		ANNUAL MEAN:	.0095	ANNUAL MAX:	.059					

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

Jul. 16, 2019

(12132) Manganese (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-96-5  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2016

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.002		.004									
2												
3												
4												
5						.005	.005					
6		FI		.010	.005							
7	AF		AM									
8												
9												
10												
11						.015	.008					
12		FI		.004	.006							
13	AF		AF									
14												
15												
16												
17						.002	.010					
18		AM		.013	.005							
19	.007		AM									
20												
21												
22												
23						.007	.004					
24		AM		.007	.014							
25	.005		.004									
26												
27												
28												
29						.006	.002					
30				.002	.008							
31	.004		.006									
NO.:	4	0	3	5	5	5	5	0	0	0	0	0
MAX:	.007		.006	.013	.014	.015	.010					
MEAN:	.0045		.0047	.0072	.0076	.0070	.0058					
ANNUAL OBSERVATIONS:	27		ANNUAL MEAN:	.0063	ANNUAL MAX:	.015						

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

Jul. 16, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-02-0  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.000 ND	.000 ND		
2								.000 ND				
3		.000 ND				.000 ND	AF					
4	AF			.000 ND	AF							
5			.000 ND									
6											.000 ND	.000 ND
7									.000 ND	.000 ND		
8								AF				
9		AF				.000 ND	.000 ND					
10	.000 ND			AF	AF							
11			.000 ND								.000 ND	.000 ND
12												
13									.000 ND	.000 ND		
14								.000 ND				
15		.000 ND				.000 ND	.000 ND					
16	.008			.000 ND	.000 ND							
17			.000 ND									
18											.000 ND	.000 ND
19									.000 ND	.000 ND		
20								.000 ND				
21		.000 ND				.000 ND	.000 ND					
22	AF			.000 ND	.000 ND							
23			AF									
24											AF	.000 ND
25									.000 ND	AF		
26								.000 ND				
27		.000 ND				.000 ND	.000 ND					
28	.000 ND			.000 ND	.000 ND							
29			.000 ND									
30											AF	.000 ND
31										.000 ND		
NO.:	3	4	4	4	3	5	4	4	5	5	3	5
MAX:	.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	.0027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	49		ANNUAL MEAN:		.0002		ANNUAL MAX:		.008			

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

Jul. 16, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-02-0  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.000 ND	.000 ND
2									.000 ND	.000 ND		
3								.000 ND				
4		.000 ND				.000 ND	AF					
5	AF			.000 ND	.000 ND							
6			.000 ND									
7											.000 ND	.000 ND
8									.000 ND	AF		
9								AF				
10		.000 ND				AF	AF					
11	AF			.000 ND	.000 ND						.000 ND	AF
12			.000 ND									
13									.000 ND	AF		
14									.000 ND			
15								.000 ND				
16		.000 ND				.000 ND	.000 ND					
17	.000 ND			.000 ND	.000 ND							
18			.000 ND									
19											.000 ND	AF
20									.000 ND	AF		
21								.000 ND				
22		.000 ND				.000 ND	.000 ND					
23	.000 ND			.000 ND	AF							
24			.000 ND									
25											.000 ND	.000 ND
26									.000 ND	.000 ND		
27								.000 ND				
28		.000 ND				AF	.000 ND					
29	.000 ND			.000 ND	.000 ND							
30			.000 ND									
31												AF
NO.:	3	5	5	5	4	3	3	4	5	2	5	3
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	47		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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

Jul. 16, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-02-0  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			AF									
2											AF	.000 ND
3									.000 ND	.000 ND		
4								.000 ND				
5		.000 ND				.000 ND	AF					
6	.000 ND			.000 ND	.000 ND							
7			AF									
8											.000 ND	AF
9									.000 ND	.000 ND		
10								.000 ND				
11		.000 ND				.000 ND	.000 ND					
12	AF			.000 ND	AF							
13			AF									
14									.000 ND		.000 ND	AF
15										AF		
16								.000 ND				
17		AF				.000 ND	AF					
18	AF			AF	AF							
19			.000 ND									
20											.000 ND	.000 ND
21									AF	AF		
22								.000 ND				
23		AF				AF	AF					
24	AF			AF	AF							
25			.000 ND									
26											AM	.000 ND
27									AF	AF		
28								.000 ND				
29						AF	.000 ND					
30	AF			AF	.000 ND							
31			.000 ND									
NO.:	1	2	3	2	2	3	2	5	3	2	3	3
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	31		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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

Jul. 16, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-02-0  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2016

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.000 ND									
2												
3												
4												
5						.000 ND	.000 ND					
6		FI		.000 ND	.000 ND							
7	AF		AM									
8												
9												
10												
11						.000 ND	.000 ND					
12		FI		.000 ND	.000 ND							
13	AF		AF									
14												
15												
16												
17						.000 ND	.000 ND					
18		AM		.000 ND	.000 ND							
19	.000 ND		AM									
20												
21												
22												
23						.000 ND	.000 ND					
24		AM		.000 ND	.000 ND							
25	.000 ND		.000 ND									
26												
27												
28												
29						.000 ND	.000 ND					
30				.000 ND	.000 ND							
31	.000 ND		.000 ND									
NO.:	4	0	3	5	5	5	5	0	0	0	0	0
MAX:	0.000		0.000	0.000	0.000	0.000	0.000	0.000				
MEAN:	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000				
ANNUAL OBSERVATIONS:		27		ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000					

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

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-66-6  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.024	.034		
2								.022				
3		.043				.012	AF					
4	AF			.027	AF							
5			.022									
6											.041	.019
7									.023	.012		
8								AF				
9		AF				.022	.043					
10	.022			AF	AF							
11			.014								.010	.021
12												
13									.011	.009		
14								.024				
15		.017				.021	.020					
16	.219 5			.025	.032							
17			.063 5									
18											.041	.027
19									.075 5	.037		
20								.033				
21		.015				.030	.015					
22	AF			.128 5	.085 5							
23			AF									
24											AF	.017
25									.013	AF		
26								.035				
27		.032				.016	.035					
28	.034			.019	.028							
29			.050 5									
30											AF	.011
31										.025		
NO.:	3	4	4	4	3	5	4	4	5	5	3	5
MAX:	.219	.043	.063	.128	.085	.030	.043	.035	.075	.037	.041	.027
MEAN:	.0917	.0268	.0373	.0498	.0483	.0202	.0283	.0285	.0292	.0234	.0307	.0190
ANNUAL OBSERVATIONS:		49		ANNUAL MEAN:	.0337	ANNUAL MAX:	.219					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-66-6  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.011	.012
2									.018	.027		
3								.039				
4		.022				.014	AF					
5	AF			.015	.009							
6			.016									
7										.015	.012	
8									.015	AF		
9								AF				
10		.035				AF	AF					
11	AF			.023	.025							
12			.034									
13										.017	AF	
14									.013	AF		
15								.026				
16		.013				.025	.020					
17	.029			.015	.012							
18			.013									
19										.024	AF	
20									.022	AF		
21								.020				
22		.021				.032	.031					
23	.070 5			.006	AF							
24			.017									
25										.014	.009	
26								.015	.024			
27								.022				
28		.020				AF	.025					
29	.028			.010	.016							
30			.020									
31												AF
NO.:	3	5	5	5	4	3	3	4	5	2	5	3
MAX:	.070	.035	.034	.023	.025	.032	.031	.039	.022	.027	.024	.012
MEAN:	.0423	.0222	.0200	.0138	.0155	.0237	.0253	.0268	.0166	.0255	.0162	.0110
ANNUAL OBSERVATIONS:	47		ANNUAL MEAN:		.0207		ANNUAL MAX:		.070			

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-66-6  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			AF									
2											AF	.013
3									.036	.012		
4								.019				
5		.012				.020	AF					
6	.031			.014	.019							
7			AF									
8											.013	AF
9									.018	.019		
10								.020				
11		.032				.026	.019					
12	AF			.013	AF							
13			AF									
14											.012	AF
15									.022	AF		
16								.021				
17		AF				.018	AF					
18	AF			AF	AF							
19			.008									
20											.011	.023
21									AF	AF		
22								.016				
23		AF				AF	AF					
24	AF			AF	AF							
25			.021									
26											AM	.007
27									AF	AF		
28								.022				
29						AF	.021					
30	AF			AF	.014							
31			.011									
NO.:	1	2	3	2	2	3	2	5	3	2	3	3
MAX:	.031	.032	.021	.014	.019	.026	.021	.022	.036	.019	.013	.023
MEAN:	.0310	.0220	.0133	.0135	.0165	.0213	.0200	.0196	.0253	.0155	.0120	.0143
ANNUAL OBSERVATIONS:	31		ANNUAL MEAN:	.0182	ANNUAL MAX:	.036						

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

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-019-0020 POC: 2  
 COUNTY: (019) Butler  
 CITY: (71184) Slippery Rock  
 SITE ADDRESS: Storm Harbor Equestrian Building  
 SITE COMMENTS:  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA  
 LAND USE: AGRICULTURAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-66-6  
 LATITUDE: 41.0632  
 LONGITUDE: -80.0309  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 400  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: OTHER  
 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2016

DURATION: 24 HOUR  
 UNITS: Micrograms/cubic meter (25 C)  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.006		.012									
2												
3												
4												
5						.010	.018					
6		FI		.016	.008							
7	AF		AM									
8												
9												
10												
11						.021	.011					
12		FI		.020	.016							
13	AF		AF									
14												
15												
16												
17						.008	.016					
18		AM		.018	.014							
19	.015		AM									
20												
21												
22												
23						.009	.011					
24		AM		.011	.017							
25	.008		.008									
26												
27												
28												
29						.009	.017					
30				.015	.014							
31	.010		.016									
NO.:	4	0	3	5	5	5	5	0	0	0	0	0
MAX:	.015		.016	.020	.017	.021	.018					
MEAN:	.0098		.0120	.0160	.0138	.0114	.0146					
ANNUAL OBSERVATIONS:	27		ANNUAL MEAN:	.0131	ANNUAL MAX:	.021						

Note: Qualifier codes with regional concurrence are shown in upper case, and those without 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
5	Outlier.	QA
AF	Scheduled but not Collected.	NULL
AM	Miscellaneous Void.	NULL
FI	Filter Inspection Flag.	NULL
ND	No Value Detected, Zero Reported.	QA

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