UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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 Region

42 019 0020 2

PROTOCOL SELECTIONS

Parameter

Classification Parameter Method Duration

ALL 089

| | SELECTED OPTIONS | | | SORT ORDER |
|---|------------------|----------------|------|----------------|
| | Option Type | Option Value | Orde | r Column |
| _ | RAW DATA EVENTS | INCLUDE EVENTS | 1 | STATE_CODE |
| | DAILY STATISTICS | MAXIMUM | 2 | COUNTY_CODE |
| | AGENCY ROLE | PQAO | 3 | SITE ID |
| | UNITS | STANDARD | 4 | _ |
| | INCLUDE NULLS | YES | 4 | PARAMETER_CODE |
| | MERGE PDF FILES | YES | 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

RAW DATA REPORT Jul. 16, 2019

> CAS NUMBER: LATITUDE: 41.0632 LONGITUDE: -80.0309

ELEVATION-MSL: 400

PROBE HEIGHT: 3

UTM ZONE:

UNITS: Micrograms/cubic meter (25 C)

UTM NORTHING:

UTM EASTING:

7440-38-2

SITE ID: 42-019-0020 POC: 2

COUNTY: (019) Butler CITY: (71184) Slippery Rock

(12103) Arsenic (TSP) STP

SITE ADDRESS: Storm Harbor Equestrian Building

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

STATE: (42) Pennsylvania

LAND USE: AGRICULTURAL

LOCATION SETTING:

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

MIN DETECTABLE:

| - | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|-------------|---------|-------------|-------|--------|----------|-----------|---------|----------|----------|
| Day | 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 | 0.04 | AF | | | | .001 | .001 | | | | | |
| 10 | .001 | | .000 ND | AF | AF | | | | | | | |
| 11 12 | | | .000 ND | | | | | | | | .000 ND | .002 |
| 13 | | | | | | | | | .000 ND | .001 | .000 ND | .002 |
| 14 | | | | | | | | .000 ND | .000 ND | .001 | | |
| 15 | | .001 | | | | .001 | .001 | .000 112 | | | | |
| 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 29 | .000 ND | | .001 | .002 | .002 | | | | | | | |
| 30 | | | .001 | | | | | | | | AF | .000 ND |
| 31 | | | | | | | | | | .001 | Ar | .000 ND |
| 31 | | | | | | | | | | | | |
| 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 |
| ANNUAI | L OBSERVATIONS: | : 49 | ANNUAL MEAN | .0011 | ANNUAL MAX: | .006 | | | | | | |

Jul. 16, 2019

LATITUDE: 41.0632 LONGITUDE: -80.0309

ELEVATION-MSL: 400

PROBE HEIGHT: 3

7440-38-2

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania COUNTY: (019) Butler

CITY: (71184) Slippery Rock

(12103) Arsenic (TSP) STP

SITE ADDRESS: Storm Harbor Equestrian Building

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2014 REPORT FOR:

SUBURBAN

(197) SOUTHWEST PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: AGRICULTURAL

LOCATION SETTING:

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE:

| PQAO. | (UOSI) Pellis | yivania bepai | culenc or Envi | TOTHUEITCAL PIOCE | CCIOII | | | | | | MIN DEIE | CIMBLE. |
|----------|---------------|---------------|----------------|-------------------|-------------|-------|-------|--------|-----------|---------|----------|----------|
| | MONTH | | | | | | | | | | | |
| Day | 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 7 | | | .000 ND | | | | | | | | .000 ND | .001 |
| 8 | | | | | | | | | .001 | AF | .000 ND | .001 |
| 9 | | | | | | | | AF | .001 | Ar | | |
| 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 21 | | | | | | | | .001 | .000 ND | AF | | |
| 22 | | .000 ND | | | | .002 | .001 | .001 | | | | |
| 23 | .001 | .000 ND | | .000 ND | AF | .002 | .001 | | | | | |
| 24 | .001 | | .000 ND | .000 ND | m | | | | | | | |
| 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 |
| ANNUAI | OBSERVATIONS: | 47 | ANNUAL MEAN: | .0007 | ANNUAL MAX: | .002 | | | | | | |
| | | | | | | | | | | | | |

RAW DATA REPORT Jul. 16, 2019

> LATITUDE: 41.0632 LONGITUDE: -80.0309

7440-38-2

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania

COUNTY: (019) Butler CITY: (71184) Slippery Rock

(12103) Arsenic (TSP) STP

SITE ADDRESS: Storm Harbor Equestrian Building

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER REPORT FOR:

DURATION: 24 HOUR 2015

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: AGRICULTURAL

LOCATION SETTING:

UNITS: Micrograms/cubic meter (25 C)

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|---------|-------------|---------|-------|---------|-----------|---------|----------|----------|
| 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 6 | .001 | .000 ND | | .000 ND | .001 | .001 | AF | | | | | |
| 7 | .001 | | AF | .000 ND | .001 | | | | | | | |
| 8 | | | AL | | | | | | | | .000 ND | AF |
| 9 | | | | | | | | | .001 | .001 | | |
| 10 | | | | | | | | .002 | | | | |
| 11 | | .001 | | | | .000 ND | .001 | | | | | |
| 12 | AF | | | .001 | AF | | | | | | | |
| 13 | | | AF | | | | | | | | | |
| 14 | | | | | | | | | | | .000 ND | AF |
| 15 | | | | | | | | | .002 | AF | | |
| 16 | | | | | | | | .001 | | | | |
| 17 18 | 3.0 | AF | | 3.0 | AF | .003 5 | AF | | | | | |
| 19 | AF | | .000 ND | AF | AF | | | | | | | |
| 20 | | | .000 ND | | | | | | | | .000 ND | .001 |
| 21 | | | | | | | | | AF | AF | .000 112 | .001 |
| 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 31 | AF | | .000 ND | AF | .001 | | | | | | | |
| 31 | | | | | | | | | | | | |
| 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 |
| ANNUA | L OBSERVATIONS | 3: 31 | ANNUAL MEAN: | .0007 | ANNUAL MAX: | .003 | | | | | | |

RAW DATA REPORT Jul. 16, 2019

> CAS NUMBER: 7440-38-2 LATITUDE: 41.0632

> > LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

UTM ZONE:

-80.0309

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania COUNTY: (019) Butler

(12103) Arsenic (TSP) STP

AQCR: (197) SOUTHWEST PENNSYLVANIA CITY: (71184) Slippery Rock URBANIZED AREA: (0000) NOT IN AN URBAN AREA SITE ADDRESS: Storm Harbor Equestrian Building

LAND USE: AGRICULTURAL SITE COMMENTS: LOCATION SETTING: SUBURBAN MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR MONITOR TYPE: OTHER 2016

REPORT FOR:

UNITS: Micrograms/cubic meter (25 C) COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|---------------|------------------|----------------|-----------------|----------------|---------|--------|-----------|---------|----------|----------|
| Day | 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 | .001 | .001 | | | | | |
| 25 | .000 ND | 7117 | .000 ND | .001 | .001 | | | | | | | |
| 26 | 1000 112 | | 1000 112 | | | | | | | | | |
| 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 | | | | | |
| ANNUA | L OBSERVATIONS | : 27 | ANNUAL MEAN: | .0005 | ANNUAL MAX: | .002 | | | | | | |
| Note: | Oualifier cod | des with regi | onal concurrence | e are shown in | upper case, and | d those withou | ıt | | | | | |

(197) SOUTHWEST PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

7440-41-7

RAW DATA REPORT Jul. 16, 2019

LATITUDE: 41.0632 SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania LONGITUDE: -80.0309 COUNTY: (019) Butler

CITY: (71184) Slippery Rock SITE ADDRESS: Storm Harbor Equestrian Building

(12105) Beryllium (TSP) STP

LAND USE: AGRICULTURAL UTM EASTING: SITE COMMENTS: LOCATION SETTING: SUBURBAN ELEVATION-MSL: 400 MONITOR COMMENTS: PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR MONITOR TYPE: OTHER 2013 REPORT FOR:

UNITS: Nanograms/cubic meter (25 C) COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|---------|-------------|---------|---------|---------|-----------|---------|----------|----------|
| Day | 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 | | 3.53 | | | | 000 MD | 000 ND | AF | | | | |
| 9 10 | .000 ND | AF | | AF | AF | .000 ND | .000 ND | | | | | |
| 11 | .000 | | .000 ND | Ar | W. | | | | | | | |
| 12 | | | .000 MD | | | | | | | | .000 ND | .000 ND |
| 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 | | | | | | | | 3.57 | 000 MD |
| 24 25 | | | | | | | | | .000 ND | AF | AF | .000 ND |
| 25 26 | | | | | | | | .000 ND | .000 ND | AF | | |
| 27 | | .000 ND | | | | .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 |
| ANNUAI | L OBSERVATIONS | : 49 | ANNUAL MEAN: | 0.0000 | ANNUAL MAX: | 0.000 | | | | | | |

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: AGRICULTURAL

LOCATION SETTING:

Jul. 16, 2019

LATITUDE: 41.0632 SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania LONGITUDE: -80.0309 COUNTY: (019) Butler

CITY: (71184) Slippery Rock

(12105) Beryllium (TSP) STP

SITE ADDRESS: Storm Harbor Equestrian Building SITE COMMENTS:

MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: OTHER 2014 REPORT FOR:

UNITS: Nanograms/cubic meter (25 C) COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

7440-41-7

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|---------|-------------|---------|---------|---------|-----------|----------|----------|----------|
| 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 11 | 3.0 | .000 ND | | .000 ND | .000 ND | AF | AF | | | | | |
| 12 | AF | | .000 ND | .000 ND | .000 ND | | | | | | | |
| 13 | | | .000 ND | | | | | | | | .000 ND | AF |
| 14 | | | | | | | | | .000 ND | AF | .000 112 | |
| 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 | | 000 177 | .000 ND | AF | | | | | | | |
| 24 25 | | | .000 ND | | | | | | | | .000 ND | .000 ND |
| 26 | | | | | | | | | .000 ND | .000 ND | .000 MD | .000 ND |
| 27 | | | | | | | | .000 ND | .000 ND | .000 142 | | |
| 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 |
| | L OBSERVATIONS | | ANNUAL MEAN: | 0.0000 | ANNUAL MAX: | 0.000 | | | | | | |

RAW DATA REPORT Jul. 16, 2019

LATITUDE: 41.0632 SITE ID: 42-019-0020 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -80.0309 COUNTY: (019) Butler

CITY: (71184) Slippery Rock SITE ADDRESS: Storm Harbor Equestrian Building

(12105) Beryllium (TSP) STP

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

(0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

DURATION: 24 HOUR MONITOR TYPE: OTHER REPORT FOR: 2015 UNITS: Nanograms/cubic meter (25 C)

MIN DETECTABLE:

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: AGRICULTURAL

LOCATION SETTING:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

7440-41-7

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|---------|-------------|---------|---------|---------|-----------|---------|----------|----------|
| 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 8 | | | AF | | | | | | | | .000 ND | AF |
| 9 | | | | | | | | | .000 ND | .000 ND | .000 ND | Ar |
| 10 | | | | | | | | .000 ND | .000 ND | .000 ND | | |
| 11 | | .000 ND | | | | .000 ND | .000 ND | | | | | |
| 12 | AF | | | .000 ND | AF | | | | | | | |
| 13 | | | AF | | | | | | | | | |
| 14 | | | | | | | | | | | .000 ND | AF |
| 15 | | | | | | | | | .000 ND | AF | | |
| 16 | | | | | | | | .000 ND | | | | |
| 17 | | AF | | | | .000 ND | AF | | | | | |
| 18 | AF | | | AF | AF | | | | | | | |
| 19 | | | .000 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .000 ND | .000 ND |
| 21 22 | | | | | | | | .000 ND | AF | AF | | |
| 23 | | AF | | | | AF | AF | .000 ND | | | | |
| 24 | AF | Ar | | AF | AF | Ar | Ar | | | | | |
| 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 |
| ANNUA | L OBSERVATIONS | : 31 | ANNUAL MEAN: | 0.0000 | ANNUAL MAX: | 0.000 | | | | | | |

LOCATION SETTING:

SUBURBAN

RAW DATA REPORT Jul. 16, 2019

> CAS NUMBER: 7440-41-7 LATITUDE: 41.0632

> > ELEVATION-MSL: 400

PROBE HEIGHT: 3

-80.0309

LONGITUDE:

UTM NORTHING:

UTM EASTING:

UTM ZONE:

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania COUNTY: (019) Butler

(197) SOUTHWEST PENNSYLVANIA

CITY: (71184) Slippery Rock URBANIZED AREA: (0000) NOT IN AN URBAN AREA SITE ADDRESS: Storm Harbor Equestrian Building LAND USE: AGRICULTURAL

SITE COMMENTS: MONITOR COMMENTS:

(12105) Beryllium (TSP) STP

MONTELL

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR MONITOR TYPE: OTHER 2016

REPORT FOR: UNITS: Nanograms/cubic meter (25 C) COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| Day 1 | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|----------|----------------|----------|--------------|---------|-------------|---------|---------|--------|-----------|---------|--------------|----------|
| | .000 ND | | | | | | | | | | 110 12112211 | DECEMBER |
| | | | .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 14 | AF | | AF | | | | | | | | | |
| 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 | 200 177 | | 000 170 | .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 | | | | | |
| MEAN: | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | | | |
| | L OBSERVATIONS | | ANNUAL MEAN: | 0.0000 | ANNUAL MAX: | 0.000 | | | | | | |

Jul. 16, 2019

LATITUDE: 41.0632 LONGITUDE: -80.0309

ELEVATION-MSL: 400

PROBE HEIGHT: 3

7440-43-9

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania

COUNTY: (019) Butler CITY: (71184) Slippery Rock

(12110) Cadmium (TSP) STP

SITE ADDRESS: Storm Harbor Equestrian Building

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

2013

LAND USE: AGRICULTURAL

LOCATION SETTING:

REPORT FOR:

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE:

| 1 2110 | (0001) 10111 | D/IVallia Depa. | remene or bilvi | I OIIIII I I I O C C | | | | | | | 5515 | |
|----------|----------------|-----------------|-----------------|----------------------|-------------|---------|---------|---------|-----------|---------|----------|----------|
| | MONTH | | | | | | | | | | | |
| 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 | | | | | | | | | |
| 12 | | | | | | | | | | | .000 ND | .000 |
| 13 | | | | | | | | 000 200 | .000 ND | .000 ND | | |
| 14 15 | | .000 ND | | | | .000 ND | .000 ND | .000 ND | | | | |
| 16 | .001 5 | .000 ND | | .000 | .000 ND | .000 ND | .000 ND | | | | | |
| 17 | .001 5 | | .000 | .000 | .000 ND | | | | | | | |
| 18 | | | .000 | | | | | | | | .000 ND | .001 |
| 19 | | | | | | | | | .001 | .001 5 | .000 112 | .001 |
| 20 | | | | | | | | .001 | | | | |
| 21 | | .000 ND | | | | .001 | .000 ND | | | | | |
| 2.2 | 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 |
| ANNUA | L OBSERVATIONS | : 49 | ANNUAL MEAN | .0003 | ANNUAL MAX: | .003 | | | | | | |
| | | | | | | | | | | | | |

LAND USE: AGRICULTURAL

LOCATION SETTING:

REPORT FOR:

Jul. 16, 2019

LATITUDE: 41.0632 LONGITUDE: -80.0309

ELEVATION-MSL: 400

PROBE HEIGHT: 3

7440-43-9

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania COUNTY: (019) Butler

CITY: (71184) Slippery Rock

(12110) Cadmium (TSP) STP

SITE ADDRESS: Storm Harbor Equestrian Building

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

2014

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE:

| _ | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|---------|-------------|---------|---------|---------|-----------|---------|----------|----------|
| Day | | 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 | | 000 | | | | | | AF | | | | |
| 10 11 | AF | .000 | | .000 | .000 | AF | AF | | | | | |
| 12 | Ar | | .000 ND | .000 | .000 | | | | | | | |
| 13 | | | .000 ND | | | | | | | | .000 ND | AF |
| 14 | | | | | | | | | .000 ND | AF | 1000 112 | |
| 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 | | | | | | | | 000 177 | .000 ND | .000 ND | | |
| 27 28 | | .000 ND | | | | AF | .000 ND | .000 ND | | | | |
| 28 29 | .000 | .000 ND | | .000 ND | .000 ND | AF | .UUU ND | | | | | |
| 30 | .000 | | .000 ND | .000 ND | .000 ND | | | | | | | |
| 31 | | | .000 ND | | | | | | | | | 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 |
| ANNUAI | L OBSERVATIONS: | 47 | ANNUAL MEAN: | .0001 | ANNUAL MAX: | .001 | | | | | | |

LOCATION SETTING:

SUBURBAN

RAW DATA REPORT Jul. 16, 2019

> CAS NUMBER: 7440-43-9 LATITUDE: 41.0632 LONGITUDE:

-80.0309

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania

COUNTY: (019) Butler (197) SOUTHWEST PENNSYLVANIA CITY: (71184) Slippery Rock

URBANIZED AREA: (0000) NOT IN AN URBAN AREA SITE ADDRESS: Storm Harbor Equestrian Building LAND USE: AGRICULTURAL

SITE COMMENTS: MONITOR COMMENTS:

(12110) Cadmium (TSP) STP

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR 2015 MONITOR TYPE: OTHER REPORT FOR:

UNITS: Micrograms/cubic meter (25 C) COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|----------|-------------|---------|---------|---------|-----------|---------|----------|----------|
| 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 | | | | |
| 5 | | .000 ND | | | | .000 ND | AF | | | | | |
| 6 | .000 | | | .000 | .000 ND | | | | | | | |
| 7 | | | AF | | | | | | | | | |
| 8 | | | | | | | | | 000 277 | 0.01 | .000 ND | AF |
| 9 10 | | | | | | | | .000 | .000 ND | .001 | | |
| 11 | | .000 | | | | .000 | .000 ND | .000 | | | | |
| 12 | AF | .000 | | .000 ND | AF | .000 | .000 ND | | | | | |
| 13 | | | AF | .000 112 | | | | | | | | |
| 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 | .000 ND | | | | |
| 29 30 | AF | | | AF | .000 ND | AF | .000 | | | | | |
| 31 | AF | | .000 ND | Ar | .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 |
| ANNUAI | OBSERVATIONS | 31 | ANNUAL MEAN: | .0001 | ANNUAL MAX: | .001 | | | | | | |

(197) SOUTHWEST PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

7440-43-9

RAW DATA REPORT Jul. 16, 2019

LATITUDE: 41.0632 SITE ID: 42-019-0020 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -80.0309 COUNTY: (019) Butler

CITY: (71184) Slippery Rock

(12110) Cadmium (TSP) STP

SITE ADDRESS: Storm Harbor Equestrian Building LAND USE: AGRICULTURAL SUBURBAN

SITE COMMENTS: LOCATION SETTING: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR MONITOR TYPE: OTHER 2016 REPORT FOR:

UNITS: Micrograms/cubic meter (25 C) COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| Design Marker February Marker Marker Marker June June June June Marker | | MONTH | | | | | | | | | | | |
|--|--------|--------------|----------|--------------|---------|-------------|---------|---------|--------|-----------|---------|----------|----------|
| 2 | Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| .000 ND REPLACE OF THE COLOR O | 1 | .000 ND | | .000 ND | | | | | | | | | |
| .000 ND .000 N | 2 | | | | | | | | | | | | |
| .000 ND 6 FI .000 ND .000 ND 7 AF AM 8 9 10 11 .000 FI .000 ND .000 ND 11 | 3 | | | | | | | | | | | | |
| 6 FI .000 ND . | 4 | | | | | | | | | | | | |
| AF AM B | 5 | | | | | | .000 | .000 ND | | | | | |
| 8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10 | 6 | | FI | | .000 ND | .000 ND | | | | | | | |
| 9 10 | | AF | | AM | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 FI .000 ND | | | | | | | 002 5 | 000 177 | | | | | |
| 13 AF AF 14 15 16 17 | | | TP T | | 000 MD | 0.00 MD | .003 5 | .000 ND | | | | | |
| 14 15 16 17 | | ΔΕ | r I | ΔΕ | .000 ND | .000 ND | | | | | | | |
| 15 | | m | | PIL . | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| 18 AM .000 ND | | | | | | | | | | | | | |
| 19 .000 AM 20 .21 .22 .23 .000 ND .000 ND .000 ND 24 AM .000 ND .000 ND 25 .000 ND .000 ND 26 .26 .27 .28 .29 .20 .20 .000 ND .000 ND 28 .29 .000 ND .000 | 17 | | | | | | .000 ND | .002 5 | | | | | |
| 20 | 18 | | AM | | .000 ND | .000 ND | | | | | | | |
| 21 22 23 | | .000 | | AM | | | | | | | | | |
| 22 23 .000 .000 ND 24 AM .000 ND .000 ND 25 .000 ND .000 ND 26 .27 28 .29 .000 ND .001 | | | | | | | | | | | | | |
| 23 .000 ND .001 .000 ND .001 | | | | | | | | | | | | | |
| 24 AM .000 ND .000 ND .000 ND .000 ND .25 .000 ND .000 ND .000 ND .000 ND .000 ND .001 .001 .001 .001 | | | | | | | 000 | 000 177 | | | | | |
| 25 .000 ND .000 ND 26 27 28 29 .000 ND .001 30 .000 ND .001 | | | 7 M | | 000 MD | 000 ND | .000 | .000 ND | | | | | |
| 26 27 28 29 .000 ND .001 30 .000 ND .001 | | 000 ND | All | 000 NID | .000 ND | .000 ND | | | | | | | |
| 27 28 29 .000 ND .001 30 .000 ND .001 | | .000 112 | | .000 112 | | | | | | | | | |
| 29 .000 ND .001 30 .000 ND .001 | | | | | | | | | | | | | |
| 30 .000 ND .001 | 28 | | | | | | | | | | | | |
| | 29 | | | | | | .000 ND | .001 | | | | | |
| 31 .000 ND .000 ND | 30 | | | | .000 ND | .001 | | | | | | | |
| | 31 | .000 ND | | .000 ND | | | | | | | | | |
| NO.: 4 0 3 5 5 5 5 0 0 0 0 0 | NO.: | | 0 | | | | | | 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 | MEAN: | 0.0000 | | 0.0000 | 0.0000 | .0002 | .0006 | .0006 | | | | | |
| ANNUAL OBSERVATIONS: 27 ANNUAL MEAN: .0003 ANNUAL MAX: .003 | ANNUAI | OBSERVATIONS | : 27 | ANNUAL MEAN: | .0003 | ANNUAL MAX: | .003 | | | | | | |

LOCATION SETTING:

SUBURBAN

RAW DATA REPORT Jul. 16, 2019

> LATITUDE: 41.0632 LONGITUDE: -80.0309

ELEVATION-MSL: 400

PROBE HEIGHT: 3

7440-47-3

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania

COUNTY: (019) Butler (197) SOUTHWEST PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA SITE ADDRESS: Storm Harbor Equestrian Building LAND USE: AGRICULTURAL

SITE COMMENTS: MONITOR COMMENTS:

(12112) Chromium (TSP) STP

CITY: (71184) Slippery Rock

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection 2013

MONITOR TYPE: OTHER REPORT FOR: COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

(0851) Pennsylvania Department Of Environmental Protection

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE:

DURATION: 24 HOUR

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|---------|-------------|---------|---------|---------|-----------|---------|----------|----------|
| Day | 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 | | | | | | | | | |
| 12 | | | | | | | | | | | .000 ND | .000 ND |
| 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 | | 000 170 | | | | 000 170 | 000 277 | .000 ND | | | | |
| 21 22 | 3.0 | .000 ND | | .000 ND | .000 ND | .000 ND | .000 ND | | | | | |
| 23 | AF | | AF | .000 ND | .000 ND | | | | | | | |
| 24 | | | Ar | | | | | | | | AF | .000 ND |
| 25 | | | | | | | | | .000 ND | AF | ni. | .000 ND |
| 26 | | | | | | | | .000 ND | .000 112 | *** | | |
| 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.: | 2 | 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 | 0.000 | 0.0000 | 0.0000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.0000 | 0.000 |
| | | | | | | | 3.0000 | 0.0000 | 3.0000 | 3.0000 | 0.0000 | 3.0000 |
| ANNUAI | L OBSERVATIONS | : 49 | ANNUAL MEAN: | .0002 | ANNUAL MAX: | .011 | | | | | | |

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: AGRICULTURAL

LOCATION SETTING:

Jul. 16, 2019

LATITUDE: 41.0632 LONGITUDE: -80.0309

ELEVATION-MSL: 400

PROBE HEIGHT: 3

7440-47-3

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania

COUNTY: (019) Butler AQCR: (197) SOUTHWEST PENNSYLVANIA

CITY: (71184) Slippery Rock

(12112) Chromium (TSP) STP

SITE ADDRESS: Storm Harbor Equestrian Building

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

DURATION: 24 HOUR REPORT FOR: 2014 UNITS: Micrograms/cubic meter (25 C)

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE: MONTH

| 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 | | 000 175 | .000 ND | .000 ND | | | | | | | |
| 12 13 | | | .000 ND | | | | | | | | .000 ND | AF |
| 14 | | | | | | | | | .000 ND | AF | .000 ND | AF |
| 15 | | | | | | | | .005 | .000 ND | Mr. | | |
| 16 | | .000 ND | | | | .000 ND | .000 ND | .005 | | | | |
| 17 | .000 ND | .000 112 | | .000 ND | .000 ND | .000 112 | .000 115 | | | | | |
| 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 |
| ANNUAI | L OBSERVATIONS | : 47 | ANNUAL MEAN: | .0001 | ANNUAL MAX: | .005 | | | | | | |

RAW DATA REPORT Jul. 16, 2019

> LATITUDE: 41.0632 LONGITUDE: -80.0309

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

7440-47-3

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania COUNTY: (019) Butler

(12112) Chromium (TSP) STP

(197) SOUTHWEST PENNSYLVANIA CITY: (71184) Slippery Rock URBANIZED AREA: (0000) NOT IN AN URBAN AREA SITE ADDRESS: Storm Harbor Equestrian Building

LAND USE: AGRICULTURAL SITE COMMENTS: LOCATION SETTING: SUBURBAN MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR

MONITOR TYPE: OTHER REPORT FOR: 2015 UNITS: Micrograms/cubic meter (25 C) COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|---------|-------------|---------|---------|---------|-----------|---------|----------|----------|
| Dave | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| Day | JANUARI | FEBRUARI | | APRIL | MAI | JUNE | OULI | AUGUS1 | SEPIEMBER | OCIOBER | NOVEMBER | DECEMBER |
| 1 | | | AF | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .000 ND |
| 3 | | | | | | | | | .000 ND | .000 ND | | |
| 4 | | | | | | | | .000 ND | | | | |
| 5 6 | .000 ND | .000 ND | | .000 ND | .000 ND | .000 ND | AF | | | | | |
| 7 | .000 ND | | AF | .000 ND | .000 ND | | | | | | | |
| 8 | | | Ar | | | | | | | | .000 ND | AF |
| 9 | | | | | | | | | .000 ND | .000 ND | .000 ND | PIT . |
| 10 | | | | | | | | .000 ND | | | | |
| 11 | | .000 ND | | | | .006 | .000 ND | | | | | |
| 12 | AF | | | .000 ND | AF | | | | | | | |
| 13 | | | AF | | | | | | | | | |
| 14 | | | | | | | | | | | .000 ND | AF |
| 15 | | | | | | | | | .000 ND | 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 | AF | AF | AF | | | | | |
| 24 25 | Ar | | .000 ND | AF | Ar | | | | | | | |
| 26 | | | .000 ND | | | | | | | | AM | .000 ND |
| 27 | | | | | | | | | AF | AF | ru-i | .000 ND |
| 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 |
| ANNUAI | OBSERVATIONS | : 31 | ANNUAL MEAN: | .0002 | ANNUAL MAX: | .006 | | | | | | |

LOCATION SETTING:

SUBURBAN

RAW DATA REPORT Jul. 16, 2019

CAS NUMBER: 7440-47-3

LATITUDE: 41.0632

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

UTM ZONE:

-80.0309

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania

COUNTY: (019) Butler

CITY: (71184) Slippery Rock

CITY: (71184) Slippery Rock

SITE ADDRESS: Storm Harbor Equestrian Building

LAND USE: AGRICULTURAL

SITE COMMENTS:
MONITOR COMMENTS:

(12112) Chromium (TSP) STP

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

DURATION: 24 HOUR

DURATION: 24 HOUR

MONITOR TYPE: OTHER

REPORT FOR: 2016

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

UNITS: Micrograms/cubic meter (25 C)

AO: (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|---------|-------------|----------|----------|--------|-----------|---------|----------|----------|
| Day | 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 12 | | FI | | .000 ND | .000 ND | .000 ND | .000 ND | | | | | |
| 13 | AF | FI | AF | .000 ND | .000 ND | | | | | | | |
| 14 | Ar | | AL | | | | | | | | | |
| 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 | .000 112 | .000 112 | | | | | |
| 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 | | | | | |
| MEAN: | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | | | |
| ANNUA | L OBSERVATIONS | : 27 | ANNUAL MEAN: | 0.0000 | ANNUAL MAX: | 0.000 | | | | | | |

AIR QUALITY SYSTEM
RAW DATA REPORT

SUBURBAN

(12128) Lead (TSP) STP CAS NUMBER: 7439-92-1

| LATITUDE: 41.0632 | STATE: (42) Pennsylvania | LONGITUDE: -80.0309

Jul. 16, 2019

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

COUNTY: (019) Butler

COURTY: (71184) Slippery Rock

SITE ADDRESS: Storm Harbor Equestrian Building

AQCR: (197) SOUTHWEST PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SITE COMMENTS:

LAND USE: AGRICULTURAL

MONITOR COMMENTS:

LOCATION SETTING: SU

SITE ID: 42-019-0020

POC: 2

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER REPORT FOR: 2013

DURATION: 24 HOUR

MONITOR TYPE: OTHER

REPORT FOR: 2013

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

UNITS: Micrograms/cubic meter (25 C)

O: (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|--------------|-----------------|----------|--------------|----------|-------------|----------|----------|----------|-----------|------------|----------|-----------------|
| Day | 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 170 | 0000 277 |
| 12 13 | | | | | | | | | .0000 ND | .0000 ND | .0000 ND | .0000 ND |
| 14 | | | | | | | | .0000 ND | .0000 ND | .0000 ND | | |
| 15 | | .0000 ND | | | | .0000 ND | .0136 | .0000 ND | | | | |
| 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 | | 0000 177 | | | | 0000 170 | 01.01 | .0155 | | | | |
| 27 28 | .0000 ND | .0000 ND | | .0000 ND | .0051 | .0000 ND | .0101 | | | | | |
| 29 | .0000 ND | | .0056 | .0000 ND | .0051 | | | | | | | |
| 30 | | | .0050 | | | | | | | | AF | .0000 ND |
| 31 | | | | | | | | | | .0000 ND | | |
| | | | | | | - | | | - | | - | _ |
| NO.: MAX: | .0097 | .0131 | .0076 | 0.0000 | .0152 | .0084 | .0136 | .0155 | .0105 | 5 .0081 | 0.0000 | 5 |
| | .0097 | .0131 | .0076 | 0.0000 | .0152 | .0084 | .0136 | .0155 | .0105 | .0081 | 0.0000 | .0053 .00106 |
| MEAN: | | | | | | | .00333 | .00505 | .00550 | .00200 | 3.00000 | .00100 |
| ANNUAI | L OBSERVATIONS: | : 49 | ANNUAL MEAN: | .00337 | ANNUAL MAX: | .0155 | | | | | | |

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

7439-92-1

AIR QUALITY SYSTEM

RAW DATA REPORT Jul. 16, 2019

(12128) Lead (TSP) STP LATITUDE: 41.0632 SITE ID: 42-019-0020 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -80.0309

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: AGRICULTURAL

LOCATION SETTING:

COUNTY: (019) Butler

CITY: (71184) Slippery Rock

SITE ADDRESS: Storm Harbor Equestrian Building

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

DURATION: 24 HOUR MONITOR TYPE: OTHER 2014 REPORT FOR:

UNITS: Micrograms/cubic meter (25 C) (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|----------|-------------|----------|----------|----------|-----------|----------|----------|----------|
| Day | 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 277 | .0000 ND | AF | | |
| 15 16 | | .0063 | | | | .0179 | .0000 ND | .0000 ND | | | | |
| 17 | .0000 ND | .0063 | | .0000 ND | .0000 ND | .01/9 | .0000 ND | | | | | |
| 18 | .0000 ND | | .0000 ND | .0000 ND | .0000 ND | | | | | | | |
| 19 | | | 10000 112 | | | | | | | | .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 | | | | | | | | .0000 ND | | | | |
| 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 |
| ANNUA | L OBSERVATIONS: | 47 | ANNUAL MEAN: | .00326 | ANNUAL MAX: | .0727 | | | | | | |

Jul. 16, 2019

CAS NUMBER: 7439-92-1 LATITUDE: 41.0632 LONGITUDE: -80.0309

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania

COUNTY: (019) Butler CITY: (71184) Slippery Rock

SITE ADDRESS: Storm Harbor Equestrian Building

(12128) Lead (TSP) STP

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2015 REPORT FOR:

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: AGRICULTURAL

LOCATION SETTING:

UNITS: Micrograms/cubic meter (25 C)

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|-----------|--------------|----------|-------------|-----------|----------|----------|-----------|----------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | AF | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .0000 ND |
| 3 4 | | | | | | | | .0000 ND | .0000 ND | .0000 ND | | |
| 5 | | .0000 ND | | | | .0000 ND | AF | .0000 ND | | | | |
| 6 | .0102 | .0000 112 | | .0000 ND | .0000 ND | .0000 112 | | | | | | |
| 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 15 | | | | | | | | | .0000 ND | AF | .0000 ND | AF |
| 16 | | | | | | | | .0000 ND | .0000 ND | AF | | |
| 17 | | AF | | | | .0070 | AF | .0000 ND | | | | |
| 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 | | | | | | | | | 0000 |
| 26 27 | | | | | | | | | AF | AF | AM | .0000 ND |
| 28 | | | | | | | | .0000 ND | Ar | Ar | | |
| 29 | | | | | | AF | .0000 ND | .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 |
| | OBSERVATIONS | | ANNUAL MEAN: | | ANNUAL MAX: | .0102 | | | | | | |

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

2016

LAND USE: AGRICULTURAL

LOCATION SETTING:

REPORT FOR:

AIR QUALITY SYSTEM

RAW DATA REPORT Jul. 16, 2019

> LATITUDE: 41.0632 LONGITUDE: -80.0309

7439-92-1

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania

COUNTY: (019) Butler CITY: (71184) Slippery Rock

(12128) Lead (TSP) STP

SITE ADDRESS: Storm Harbor Equestrian Building

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR

UNITS: Micrograms/cubic meter (25 C)

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | | |
|----------|----------------|----------|-------------|-----------|-------------|----------|----------|--------|-----------|---------|----------|----------|--|
| Day | 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 | .0000 ND | .0000 ND | | | | | | |
| 13 | AF | | AF | 10000 112 | .0000 112 | | | | | | | | |
| 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 | .0000 ND | .0000 ND | | | | | | |
| 25 | .0000 ND | Fire | .0000 ND | .0000 ND | .0000 ND | | | | | | | | |
| 26 | .0000 112 | | .0000 112 | | | | | | | | | | |
| 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 | | | | | | |
| MEAN: | 0.00000 | | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | | | | | | |
| ANNUA | L OBSERVATIONS | S: 27 | ANNUAL MEAN | : 0.00000 | ANNUAL MAX: | 0.0000 | | | | | | | |
| | | = : | | | | | | | | | | | |

Jul. 16, 2019

LATITUDE: 41.0632 LONGITUDE: -80.0309

ELEVATION-MSL: 400

PROBE HEIGHT: 3

7439-96-5

CAS NUMBER:

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania

COUNTY: (019) Butler (197) SOUTHWEST PENNSYLVANIA CITY: (71184) Slippery Rock

UTM ZONE: URBANIZED AREA: (0000) NOT IN AN URBAN AREA UTM NORTHING: SITE ADDRESS: Storm Harbor Equestrian Building LAND USE: AGRICULTURAL UTM EASTING:

LOCATION SETTING:

SUBURBAN

SITE COMMENTS: MONITOR COMMENTS:

(12132) Manganese (TSP) STP

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR MONITOR TYPE: OTHER 2013

REPORT FOR: UNITS: Micrograms/cubic meter (25 C) COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|-------------|--------|-------------|-------|-------|--------|-----------|---------|----------|----------|
| 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 9 | | AF | | | | .006 | .007 | AF | | | | |
| 10 | .006 | Ar | | AF | AF | .006 | .007 | | | | | |
| 11 | .000 | | .007 | | | | | | | | | |
| 12 | | | | | | | | | | | .002 | .006 |
| 13 | | | | | | | | | .002 | .002 | | |
| 14 | | | | | | | | .004 | | | | |
| 15 | | .006 | | | | .005 | .006 | | | | | |
| 16 | .027 5 | | | .012 | .024 5 | | | | | | | |
| 17 | | | .008 | | | | | | | | | |
| 18 | | | | | | | | | 24.5 | 0.05 | .009 | .006 |
| 19 | | | | | | | | .014 | .016 | .007 | | |
| 20 21 | | .003 | | | | .016 | .004 | .014 | | | | |
| 22 | AF | .003 | | .008 | .023 5 | .010 | .004 | | | | | |
| 23 | | | AF | .000 | .023 3 | | | | | | | |
| 24 | | | | | | | | | | | AF | .004 |
| 25 | | | | | | | | | .004 | AF | | |
| 26 | | | | | | | | .013 | | | | |
| 27 | | .002 | | | | .005 | .009 | | | | | |
| 28 | .006 | | | .021 5 | .012 | | | | | | | |
| 29 | | | .013 | | | | | | | | | |
| 30 | | | | | | | | | | 0.05 | AF | .002 |
| 31 | | | | | | | | | | .007 | | |
| NO.: | 3 | 4 | 4 | 4 | 3 | 5 | 4 | 4 | 5 | 5 | 3 | 5 |
| :XAM | .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 |
| ANNUA | L OBSERVATIONS | 5: 49 | ANNUAL MEAN | .0089 | ANNUAL MAX: | .027 | | | | | | |

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: AGRICULTURAL

LOCATION SETTING:

Jul. 16, 2019

LATITUDE: 41.0632 LONGITUDE: -80.0309

ELEVATION-MSL: 400

PROBE HEIGHT: 3

7439-96-5

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania

COUNTY: (019) Butler CITY: (71184) Slippery Rock

SITE ADDRESS: Storm Harbor Equestrian Building

(12132) Manganese (TSP) STP

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: OTHER 2014 REPORT FOR:

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|-------|-------------|-------|-------|--------|-----------|---------|----------|----------|
| Day | 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 | | | | | | | | | 0.05 | | .006 | .005 |
| 8 9 | | | | | | | | AF | .006 | AF | | |
| 10 | | .006 | | | | AF | AF | AF | | | | |
| 11 | AF | .000 | | .006 | .013 | Mr. | Ar | | | | | |
| 12 | | | .006 | | .010 | | | | | | | |
| 13 | | | | | | | | | | | .007 | AF |
| 14 | | | | | | | | | .003 | AF | | |
| 15 | | | | | | | | .010 | | | | |
| 16 | | .008 | | | | .010 | .005 | | | | | |
| 17 | .007 | | | .011 | .004 | | | | | | | |
| 18 | | | .013 | | | | | | | | | |
| 19 | | | | | | | | | | | .012 | AF |
| 20 | | | | | | | | | .008 | AF | | |
| 21 | | .009 | | | | .005 | .008 | .007 | | | | |
| 22 23 | .007 | .009 | | .003 | AF | .005 | .008 | | | | | |
| 24 | .007 | | .013 | .003 | AL. | | | | | | | |
| 25 | | | .010 | | | | | | | | .006 | .001 |
| 26 | | | | | | | | | .006 | .010 | | |
| 27 | | | | | | | | .010 | | | | |
| 28 | | .011 | | | | AF | .006 | | | | | |
| 29 | .009 | | | .002 | .012 | | | | | | | |
| 30 | | | .004 | | | | | | | | | |
| 31 | | | | | | | | | | | | AF |
| 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 | | | | | | |
| | | | | | | | | | | | | |

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: AGRICULTURAL

LOCATION SETTING:

RAW DATA REPORT

Jul. 16, 2019

LATITUDE: 41.0632 LONGITUDE: -80.0309

7439-96-5

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania

COUNTY: (019) Butler

(12132) Manganese (TSP) STP

CITY: (71184) Slippery Rock

SITE ADDRESS: Storm Harbor Equestrian Building

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: OTHER 2015 REPORT FOR:

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|-------|-------------|-------|-------|--------|-----------|---------|----------|----------|
| 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 | 011 | .005 | | 012 | 222 | .008 | AF | | | | | |
| 6 7 | .011 | | AF | .013 | .009 | | | | | | | |
| 8 | | | AF | | | | | | | | .003 | AF |
| 9 | | | | | | | | | .010 | .009 | .005 | PIL . |
| 10 | | | | | | | | .010 | | | | |
| 11 | | .019 | | | | .014 | .003 | | | | | |
| 12 | AF | | | .009 | AF | | | | | | | |
| 13 | | | AF | | | | | | | | | |
| 14 | | | | | | | | | | | .004 | AF |
| 15 | | | | | | | | | .010 | AF | | |
| 16 | | | | | | | | .010 | | | | |
| 17 | | AF | | | | .006 | AF | | | | | |
| 18 | AF | | | AF | AF | | | | | | | |
| 19 | | | .009 | | | | | | | | | 205 |
| 20 21 | | | | | | | | | AF | AF | .009 | .006 |
| 22 | | | | | | | | .003 | AF | Ar | | |
| 23 | | AF | | | | AF | AF | .003 | | | | |
| 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 | | | | | | |

STATE: (42) Pennsylvania

LAND USE: AGRICULTURAL

LOCATION SETTING:

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

RAW DATA REPORT Jul. 16, 2019

> CAS NUMBER: 7439-96-5 LATITUDE: 41.0632 LONGITUDE: -80.0309

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

SITE ID: 42-019-0020 POC: 2

COUNTY: (019) Butler CITY: (71184) Slippery Rock

SITE ADDRESS: Storm Harbor Equestrian Building

(12132) Manganese (TSP) STP

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: OTHER 2016 REPORT FOR:

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|-------|-------------|-------|-------|--------|-----------|---------|----------|----------|
| 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 8 | AF | | AM | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | .015 | .008 | | | | | |
| 12 | | FI | | .004 | .006 | | | | | | | |
| 13 | AF | | AF | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | .002 | .010 | | | | | |
| 18 | 0.05 | AM | | .013 | .005 | | | | | | | |
| 19 20 | .007 | | AM | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | |
| 23 | | | | | | .007 | .004 | | | | | |
| 24 | | AM | | .007 | .014 | | | | | | | |
| 25 | .005 | | .004 | | | | | | | | | |
| 26 | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | | | 000 | 000 | .006 | .002 | | | | | |
| 30 31 | .004 | | .006 | .002 | .008 | | | | | | | |
| | | | | | | | | | | | | |
| 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 | | | | | |
| ANNUA | L OBSERVATION | IS: 27 | ANNUAL MEAN: | .0063 | ANNUAL MAX: | .015 | | | | | | |

Jul. 16, 2019

LATITUDE: 41.0632

7440-02-0

-80.0309

CAS NUMBER:

LONGITUDE:

UTM ZONE:

UNITS: Micrograms/cubic meter (25 C)

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL:

PROBE HEIGHT:

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania COUNTY: (019) Butler

CITY: (71184) Slippery Rock

(12136) Nickel (TSP) STP

SITE ADDRESS: Storm Harbor Equestrian Building

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

ANNUAL OBSERVATIONS:

49

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

DURATION: 24 HOUR 2013 REPORT FOR:

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: AGRICULTURAL

LOCATION SETTING:

MIN DETECTABLE: (0851) Pennsylvania Department Of Environmental Protection MONTH Day JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER .000 ND .000 ND 2 .000 ND 3 .000 ND .000 ND AF .000 ND 4 AF AF 5 .000 ND 6 .000 ND .000 ND 7 .000 ND .000 ND 8 AF 9 .000 ND .000 ND AF 10 .000 ND AF AF 11 .000 ND .000 ND 12 .000 ND .000 ND 13 .000 ND 14 .000 ND .000 ND 15 .000 ND .000 ND .008 .000 ND .000 ND 16 17 .000 ND 18 .000 ND .000 ND 19 .000 ND .000 ND 20 .000 ND 21 .000 ND .000 ND .000 ND 22 .000 ND .000 ND AF 23 AF 24 .000 ND AF 25 .000 ND AF .000 ND 26 27 .000 ND .000 ND .000 ND 28 .000 ND .000 ND .000 ND 29 .000 ND 30 AF .000 ND 31 .000 ND 5 NO.: 3 4 3 5 4 5 3 5 .008 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 MAX: .0027 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 MEAN:

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.

.0002

ANNUAL MAX:

ANNUAL MEAN:

Jul. 16, 2019

LATITUDE: 41.0632 LONGITUDE: -80.0309

7440-02-0

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania

COUNTY: (019) Butler (197) SOUTHWEST PENNSYLVANIA CITY: (71184) Slippery Rock

SITE ADDRESS: Storm Harbor Equestrian Building SITE COMMENTS:

MONITOR COMMENTS:

(12136) Nickel (TSP) STP

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

2014

SUBURBAN

LAND USE: AGRICULTURAL

LOCATION SETTING:

REPORT FOR:

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE:

| 1 2110 | (0051) 101111 | Jivania Depai | 0110110 01 211111 | ommerred riocce | | | | | | | TILLY DELEC | |
|----------|-----------------|---------------|-------------------|-----------------|-------------|---------|---------|---------|-----------|---------|-------------|----------|
| | MONTH | | | | | | | | | | | |
| 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 | | | | | | | |
| 12 | | | .000 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .000 ND | AF |
| 14 | | | | | | | | | .000 ND | AF | | |
| 15 | | 000 277 | | | | 000 375 | 000 177 | .000 ND | | | | |
| 16 17 | .000 ND | .000 ND | | .000 ND | .000 ND | .000 ND | .000 ND | | | | | |
| 18 | .000 ND | | .000 ND | .000 ND | .000 ND | | | | | | | |
| 19 | | | .000 ND | | | | | | | | .000 ND | AF |
| 20 | | | | | | | | | .000 ND | AF | .000 112 | *** |
| 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 |
| ANNUA | L OBSERVATIONS: | 47 | ANNUAL MEAN: | 0.0000 | ANNUAL MAX: | 0.000 | | | | | | |
| - | | ± , | | 0.0000 | - | | | | | | | |

Jul. 16, 2019

LATITUDE: 41.0632 LONGITUDE: -80.0309

ELEVATION-MSL: 400

PROBE HEIGHT: 3

7440-02-0

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania

COUNTY: (019) Butler CITY: (71184) Slippery Rock

SITE ADDRESS: Storm Harbor Equestrian Building

(12136) Nickel (TSP) STP

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

ANNUAL OBSERVATIONS:

31

DURATION: 24 HOUR 2015 REPORT FOR:

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: AGRICULTURAL

LOCATION SETTING:

| MONITOR | TYPE: OTHER | | | | | | REPORT | FOR: 2015 | | DUNATION: 24 HOUR | | | |
|----------|---------------|-----------------|----------------|-----------------|---------|----------|---------|-----------|-----------|-------------------|--------------------------------------|----------|--|
| COLLECT | ION AND ANALY | SIS METHOD: (0 | 89) HI-VOL IC | P/MS W/QUARTZ F | ILTER | | | | | | UNITS: Micrograms/cubic meter (25 C) | | |
| PQAO: | (0851) Peni | nsylvania Depar | rtment Of Envi | ronmental Prote | ection | | | | | | MIN DETE | CTABLE: | |
| | MONTH | | | | | | | | | | | | |
| 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 14 | | | AF | | | | | | | | .000 ND | A.F. | |
| 15 | | | | | | | | | .000 ND | AF | .000 ND | AF | |
| 16 | | | | | | | | .000 ND | .000 ND | Ar | | | |
| 17 | | AF | | | | .000 ND | AF | .000 ND | | | | | |
| 18 | AF | AL | | AF | AF | .000 142 | FIL | | | | | | |
| 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 MEAN: 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.

ANNUAL MAX:

0.000

RAW DATA REPORT Jul. 16, 2019

> LATITUDE: 41.0632 LONGITUDE: -80.0309

7440-02-0

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania

COUNTY: (019) Butler

SITE ADDRESS: Storm Harbor Equestrian Building

SITE COMMENTS: MONITOR COMMENTS:

(12136) Nickel (TSP) STP

CITY: (71184) Slippery Rock

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2016 REPORT FOR:

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: AGRICULTURAL

LOCATION SETTING:

UNITS: Micrograms/cubic meter (25 C)

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

MIN DETECTABLE:

| - | MONTH | | WID GIV | | | | | 211011011 | 000000000 | 0.6770777 | WOLTEN DED | PEGEMPER |
|----------|----------------|----------|--------------|----------|-------------|---------|---------|-----------|-----------|-----------|------------|----------|
| Day | 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 | .000 ND | .000 ND | | | | | |
| 7 | AF | | AM | .000 112 | 1000 112 | | | | | | | |
| 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 | .000 ND | .000 ND | | | | | |
| 19 | .000 ND | | AM | .000 112 | 1000 112 | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 2.2 | | | | | | | | | | | | |
| 23 | | | | | | .000 ND | .000 ND | | | | | |
| 24 | | AM | | .000 ND | .000 ND | | | | | | | |
| 25 | .000 ND | | .000 ND | | | | | | | | | |
| 26 | | | | | | | | | | | | |
| 27 28 | | | | | | | | | | | | |
| 28 29 | | | | | | .000 ND | .000 ND | | | | | |
| 30 | | | | .000 ND | .000 ND | .000 ND | .000 ND | | | | | |
| 31 | .000 ND | | .000 ND | .000 ND | .000 MD | | | | | | | |
| 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 | | | | | |
| MEAN: | 0.0000 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | | | |
| ANNUA | L OBSERVATIONS | 3: 27 | ANNUAL MEAN: | 0.0000 | ANNUAL MAX: | 0.000 | | | | | | |

Jul. 16, 2019

LATITUDE: 41.0632 LONGITUDE: -80.0309

7440-66-6

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania COUNTY: (019) Butler

CITY: (71184) Slippery Rock

(12167) Zinc (TSP) STP

SITE ADDRESS: Storm Harbor Equestrian Building

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: AGRICULTURAL

LOCATION SETTING:

UNITS: Micrograms/cubic meter (25 C)

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

MIN DETECTABLE:

| 1 2110 | (0051) 1011 | Djivania Depe | ALCHICITO OL DIIVI | TOIMICITUAL TEOC | 0001011 | | | | | | | |
|----------|----------------|---------------|--------------------|------------------|-------------|-------|-------|--------|-----------|---------|----------|----------|
| | MONTH | | | | | | | | | | | |
| Day | 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 | | | | | | | | 0.0 | |
| 12 13 | | | | | | | | | .011 | .009 | .010 | .021 |
| 14 | | | | | | | | .024 | .011 | .009 | | |
| 15 | | .017 | | | | .021 | .020 | .024 | | | | |
| 16 | .219 5 | .017 | | .025 | .032 | .021 | .020 | | | | | |
| 17 | .225 3 | | .063 5 | .023 | .032 | | | | | | | |
| 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 | | 050.5 | .019 | .028 | | | | | | | |
| 29 30 | | | .050 5 | | | | | | | | AF | .011 |
| 31 | | | | | | | | | | .025 | AF | .011 |
| 31 | | | | | | | | | | | | |
| 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 |
| ANNUA. | L OBSERVATIONS | : 49 | ANNUAL MEAN | : .0337 | ANNUAL MAX: | .219 | | | | | | |

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: AGRICULTURAL

LOCATION SETTING:

Jul. 16, 2019

LATITUDE: 41.0632 LONGITUDE: -80.0309

7440-66-6

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania

COUNTY: (019) Butler AQCR: (197) SOUTHWEST PENNSYLVANIA CITY: (71184) Slippery Rock

SITE ADDRESS: Storm Harbor Equestrian Building

(12167) Zinc (TSP) STP

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

DURATION: 24 HOUR MONITOR TYPE: OTHER REPORT FOR: 2014 UNITS: Micrograms/cubic meter (25 C)

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| _ | MONTH | _ | | | | | | | | | | |
|----------|-----------------|----------|--------------|-------|-------------|-------|-------|--------|-----------|---------|----------|----------|
| Day | 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 | | | | | | | | 205 | .013 | AF | | |
| 15 | | .013 | | | | .025 | 000 | .026 | | | | |
| 16 17 | .029 | .013 | | .015 | .012 | .025 | .020 | | | | | |
| 18 | .029 | | .013 | .015 | .012 | | | | | | | |
| 19 | | | .013 | | | | | | | | .024 | AF |
| 20 | | | | | | | | | .022 | AF | .021 | *** |
| 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 |
| ANNUA | L OBSERVATIONS: | 47 | ANNUAL MEAN: | .0207 | ANNUAL MAX: | .070 | | | | | | |

Jul. 16, 2019

LATITUDE: 41.0632 LONGITUDE: -80.0309

ELEVATION-MSL: 400

PROBE HEIGHT: 3

7440-66-6

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania COUNTY: (019) Butler

(12167) Zinc (TSP) STP

(197) SOUTHWEST PENNSYLVANIA CITY: (71184) Slippery Rock URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SITE ADDRESS: Storm Harbor Equestrian Building LAND USE: AGRICULTURAL

SITE COMMENTS: LOCATION SETTING: SUBURBAN MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR MONITOR TYPE: OTHER 2015 REPORT FOR:

UNITS: Micrograms/cubic meter (25 C) COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|-------|-------------|-------|-------|--------|-----------|---------|----------|----------|
| 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 11 | | 020 | | | | 006 | 010 | .020 | | | | |
| 12 | AF | .032 | | .013 | AF | .026 | .019 | | | | | |
| 13 | Ar | | AF | .013 | Ar | | | | | | | |
| 14 | | | Ar | | | | | | | | .012 | AF |
| 15 | | | | | | | | | .022 | AF | .012 | FIL. |
| 16 | | | | | | | | .021 | .022 | *** | | |
| 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 |
| ANNUA | L OBSERVATIONS | 3: 31 | ANNUAL MEAN: | .0182 | ANNUAL MAX: | .036 | | | | | | |

SUBURBAN

RAW DATA REPORT Jul. 16, 2019

> LATITUDE: 41.0632 LONGITUDE: -80.0309

7440-66-6

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 400

PROBE HEIGHT: 3

SITE ID: 42-019-0020 POC: 2 STATE: (42) Pennsylvania COUNTY: (019) Butler

(12167) Zinc (TSP) STP

(197) SOUTHWEST PENNSYLVANIA

CITY: (71184) Slippery Rock URBANIZED AREA: (0000) NOT IN AN URBAN AREA SITE ADDRESS: Storm Harbor Equestrian Building

LAND USE: AGRICULTURAL SITE COMMENTS: LOCATION SETTING: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR 2016

MONITOR TYPE: OTHER REPORT FOR: UNITS: Micrograms/cubic meter (25 C) COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | | |
|----------|---------------|----------|-------------|---------|-------------|-------|-------|--------|-----------|---------|----------|----------|--|
| 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 | | | | | | 0.01 | 011 | | | | | | |
| 11 12 | | FI | | .020 | .016 | .021 | .011 | | | | | | |
| 13 | AF | FI | AF | .020 | .010 | | | | | | | | |
| 14 | AL. | | A | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| 17 | | | | | | .008 | .016 | | | | | | |
| 18 | | AM | | .018 | .014 | | | | | | | | |
| 19 | .015 | | AM | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | 0.4.4 | | | | | | |
| 23 24 | | AM | | .011 | .017 | .009 | .011 | | | | | | |
| 25 | .008 | AM | .008 | .011 | .017 | | | | | | | | |
| 26 | .000 | | .000 | | | | | | | | | | |
| 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 | | | | | | |
| ANNUA: | L OBSERVATION | S: 27 | ANNUAL MEAN | : .0131 | ANNUAL MAX: | .021 | | | | | | | |

RAW DATA REPORT Jul. 16, 2019

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.