## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: XCMROBBINS RAW DATA REPORT

Report Request ID: 1760305 Report Code: AMP350 Jul. 3, 2019

GEOGRAPHIC SELECTIONS

Tribal

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

42 007 0007 2

PROTOCOL SELECTIONS

Parameter

Classification Parameter Method Duration

ALL 089

SELECTED OPTIONS			SORT ORDER
Option Type	Option Value	Order	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 2017 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

Jul. 3, 2019

CAS NUMBER: 7440-38-2 LATITUDE: 40.673656 LONGITUDE: -80.317731

UTM ZONE:

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania

(12103) Arsenic (TSP) STP

COUNTY: (007) Beaver (197) SOUTHWEST PENNSYLVANIA CITY: (00000) Not in a city

URBANIZED AREA: (6282) PITTSBURGH, PA UTM NORTHING: SITE ADDRESS: 760 Beaver Valley Mall LAND USE: COMMERCIAL UTM EASTING: SITE COMMENTS: New Lead site PA\_ID B020 LOCATION SETTING: SUBURBAN ELEVATION-MSL: 340 MONITOR COMMENTS: PROBE HEIGHT: 3

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 I	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									AF	.002		
2								.002				
3		.001				.000 ND	.001					
4	.003			.001	.002							
5			AF									
6											AS	.000 ND
7									.011 5	.001		
8								.001				
9		AS				AS	.001					
10	.002			AS	.002							
11			.001									
12											.000 ND	.002
13									.000 ND	AS		
14								.001				
15		AS				AF	.002					
16	.001			.000 ND	AS							
17			.000 ND									
18											.002	AS
19									.002	.002		
20								.003				
21		.001				AS	.002					
22	AS			.000 ND	.000 ND							
23			AF									
24											.001	.000 ND
25									AS	.001		
26		001				001	004.5	.002				
27	3.0	.001		3.0	3.0	.001	.004 5					
28	AS		0.01	AS	AS							
29 30			.001								7.0	.001
										0.01	AS	.001
31										.001		
NO.:	3	3	3	3	3	2	5	5	3	5	3	4
MAX:	.003	.001	.001	.001	.002	.001	.004	.003	.011	.002	.002	.002
MEAN:	.0020	.0010	.0007	.0003	.0013	.0005	.0020	.0018	.0043	.0014	.0010	.0008
ANNUAL	OBSERVATIONS:	42	ANNUAL MEAN:	.0015	ANNUAL MAX:	.011						

Jul. 3, 2019

CAS NUMBER: 7440-38-2 LATITUDE: 40.673656

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 340

UTM ZONE:

-80.317731

STATE: (42) Pennsylvania

(197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (6282) PITTSBURGH, PA

LAND USE: COMMERCIAL

LOCATION SETTING: SUBURBAN

PROBE HEIGHT: 3

DURATION: 24 HOUR MONITOR TYPE: OTHER 2014 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									.001	.003		
3								.001				
4		AF				AF	AS					
5	.002		001	AF	AF							
6 7			.001								.001	.001
8									.001	.002	.001	.001
9								.002				
10		.001				AS	.001					
11	AS			AS	.003							
12			.001									
13											.002	.001
14									.002	.000 ND		
15 16		AF				3.0	001	AS				
17	.001	AF		.001	.001	AS	.001					
18	.001		.001	.001	.001							
19											.001	.000 ND
20									.000 ND	.001		
21								AF				
22		.001				.003	AF					
23	.002			.000 ND	AF							
24			.000 ND									0.04
25									3.0	3.0	.002	.001
26 27								.000 ND	AS	AS		
28		.001				.003	.000 ND	.000 ND				
29	.003	.001		AF	.001	.003	.000 ND					
30			.000 ND									
31												.001
NO.:	4	3	5	2	3	2	3	3	4	4	5	6
MAX:	.003	.001	.001	.001	.003	.003	.001	.002	.002	.003	.002	.001
MEAN:	.0020	.0010	.0006	.0005	.0017	.0030	.0007	.0010	.0010	.0015	.0012	.0007
	OBSERVATIONS:				ANNUAL MAX:	.003						
ANNUAL	ODSEKVALIONS:	44	ANNUAL MEAN:	.0012	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.

(12103) Arsenic (TSP) STP

SITE ADDRESS: 760 Beaver Valley Mall

SITE COMMENTS: New Lead site PA\_ID B020

POC: 2

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

SITE ID: 42-007-0007

COUNTY: (007) Beaver

MONITOR COMMENTS:

CITY: (00000) Not in a city

REPORT FOR:

2015

Jul. 3, 2019

CAS NUMBER: 7440-38-2 LATITUDE: 40.673656 -80.317731

SITE ID: 42-007-0007 POC: 2 COUNTY: (007) Beaver

LONGITUDE: STATE: (42) Pennsylvania (197) SOUTHWEST PENNSYLVANIA UTM ZONE:

SITE ADDRESS: 760 Beaver Valley Mall SITE COMMENTS: New Lead site PA\_ID B020

(12103) Arsenic (TSP) STP

CITY: (00000) Not in a city

ANNUAL OBSERVATIONS:

URBANIZED AREA: (6282) PITTSBURGH, PA UTM NORTHING: LAND USE: COMMERCIAL UTM EASTING: LOCATION SETTING: SUBURBAN ELEVATION-MSL: 340

MONITOR COMMENTS:

PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: OTHER

DURATION: 24 HOUR 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											.002	.000 ND
3									.002	.000 ND		
4								.004 5				
5		.000 ND				.002	AF					
6	.001			.002 QX	.002							
7			.001									
8											.002	.002
9									.002	.001		
10 11		3.0				.002	.002	.004 5				
12	.001	AS		.003	.001	.002	.002					
13	.001		.001	.003	.001							
14			.001								.000 ND	.002
15									.002	.002		
16								.004 5				
17		AS				.001	.003					
18	.001 QX			.003	.002							
19			AF									
20											.000 ND	.000 ND
21									.001	.002		
22								.002				
23		AF				.000 ND	.002					
24	.001			.000 ND	.008 5							
25			.001									
26									222		.000 ND	.001
27 28								.002	.002	AM		
28 29						.001	.002	.002				
30	.000 ND			.001	.001	.001	.002					
31	.000 MD		AS	.001	.001							
NO.:	5	1	3	5	5	5	4	5	5	4	5	5
MAX:	.001	0.000	.001	.003	.008	.002	.003	.004	.002	.002	.002	.002
MEAN:	.0008	0.0000	.0010	.0018	.0028	.0012	.0023	.0032	.0018	.0013	.0008	.0010

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.

.0016

ANNUAL MAX:

ANNUAL MEAN:

LAND USE: COMMERCIAL

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 7440-38-2 LATITUDE: 40.673656

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

LONGITUDE: -80.317731

CITY: (00000) Not in a city SITE ADDRESS: 760 Beaver Valley Mall

(12103) Arsenic (TSP) STP

(197) SOUTHWEST PENNSYLVANIA UTM ZONE: URBANIZED AREA: (6282) PITTSBURGH, PA UTM NORTHING: UTM EASTING: ELEVATION-MSL: 340

SITE COMMENTS: New Lead site PA\_ID B020

LOCATION SETTING: SUBURBAN PROBE HEIGHT: 3

MONITOR COMMENTS:

DURATION: 24 HOUR 2016 REPORT FOR:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: OTHER

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		.001									
2											.002	.000 ND
3									.001	.001		
4								.000 ND				
5						AV	.001					
6		.001		AM	.000 ND							
7	.002		.000 ND									
8											.002	.000 ND
9									.000 ND	.001		
10								.001				
11		000 170		000 177	222	.001	.003					
12 13	.000 ND	.000 ND	.001	.000 ND	.002							
14	.000 ND		.001								.002	.000 ND
15									.000 ND	.002	.002	.000 ND
16								.000 ND	1000 112	.002		
17						.000 ND	.001					
18		.000 ND		.001	.001							
19	.000 ND		.000 ND									
20											.000 ND	.001
21									.002	.000 ND		
22								.000 ND				
23						.000 ND	.001					
24		.000 ND		.001	.001							
25	.000 ND		.001									
26											.000 ND	AO
27									.000 ND	TS		
28						.000 ND	000	.003				
29 30				.003	.002	.000 ND	.002					
31	.000 ND		.000 ND	.003	.002							
31												
NO.:	6	4	6	4	5	4	5	5	5	4	5	4
MAX:	.002	.001	.001	.003	.002	.001	.003	.003	.002	.002	.002	.001
MEAN:	.0003	.0003	.0005	.0013	.0012	.0003	.0016	.0008	.0006	.0010	.0012	.0003
ANNUA	L OBSERVATIONS	: 57	ANNUAL MEAN:	.0008	ANNUAL MAX:	.003						

AIR QUALITY SYSTEM

RAW DATA REPORT Jul. 3, 2019

CAS NUMBER: 7440-38-2 LATITUDE: 40.673656

LONGITUDE:

UTM ZONE:

-80.317731

(12103) Arsenic (TSP) STP

MONTH

COUNTY: (007) Beaver

CITY: (00000) Not in a city

CITY: (00000) Not in a city

URBANIZED AREA: (6282) PITTSBURGH, PA

UTM NORTHING:

SITE ADDRESS: 760 Beaver Valley Mall

SITE COMMENTS: New Lead site PA\_ID B020

MONITOR COMMENTS:

URBANIZED AREA: (6282) PITTSBURGH, PA

UTM NORTHING:

UTM EASTING:

UTM EASTING:

SUBURBAN

ELEVATION-MSL:

340

PROBE HEIGHT:

3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER REPORT FOR: 2017

DURATION: 24 HOUR

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	.000 ND			.000 ND	.000 ND								
2			.000 ND										
3													
4													
5													
6		.000 ND				.000 ND							
7	.000 ND			.000 ND	.000 ND								
8			.000 ND										
9													
10													
11													
12		.001				.001							
13	.000 ND			.002	.001								
14			.000 ND										
15													
16													
17													
18		.000 ND				.000 ND							
19	.000 ND			.000 ND	.001								
20			.001										
21													
22													
23													
24		.001				.000 ND							
25	.000 ND			AM	AV								
26			.002										
27													
28													
29													
30						.000 ND							
31	.001				.000 ND								
NO.:	6	4	5	4	5	5	0	0	0	0	0	0	
MAX:	.001	.001	.002	.002	.001	.001							
MEAN:	.0002	.0005	.0006	.0005	.0004	.0002							
ANNUA	L OBSERVATIONS	: 29	ANNUAL MEAN:	.0004	ANNUAL MAX:	.002							
Note:	Qualifier cod	es with regio	nal concurrenc	e are shown in	upper case, and	l those withou	ıt						

LAND USE: COMMERCIAL

LOCATION SETTING:

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (6282) PITTSBURGH, PA

(12105) Beryllium (TSP) STP CAS NUMBER: 7440-41-7

SITE ID: 42-007-0007 POC: 2 LATITUDE: 40.673656
STATE: (42) Pennsylvania LONGITUDE: -80.317731

COUNTY: (007) Beaver
CITY: (00000) Not in a city

SITE ADDRESS: 760 Beaver Valley Mall
SITE COMMENTS: New Lead site PA\_ID B020

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 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013 DURATION: 24 HOUR
UNITS: Nanograms/cubic meter (25 C)

MIN DETECTABLE:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 340

PROBE HEIGHT: 3

Jul. 3, 2019

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									AF	.000 ND		
2								.000 ND				
3		.000 ND				.000 ND	.000 ND					
4	.000 ND			.000 ND	.000 ND							
5			AF									
6									000 177	000 370	AS	.000 ND
7 8								.000 ND	.000 ND	.000 ND		
9		AS				AS	.000 ND	.000 ND				
10	.000 ND	-10		AS	.000 ND		.000 MD					
11			.000 ND									
12											.000 ND	.000 ND
13									.000 ND	AS		
14								.000 ND				
15		AS				AF	.000 ND					
16	.000 ND			.000 ND	AS							
17			.000 ND								000 277	2.0
18 19									.000 ND	.000 ND	.000 ND	AS
20								.000 ND	.000 MD	.000 ND		
21		.000 ND				AS	.000 ND	.000 ND				
22	AS			.000 ND	.000 ND							
23			AF									
24											.000 ND	.000 ND
25									AS	.000 ND		
26								.000 ND				
27		.000 ND				.000 ND	.000 ND					
28	AS		.000 ND	AS	AS							
29 30			.UUU ND								AS	.000 ND
31										.000 ND	AD	.000 ND
NO.:	3	3	3	3	3	2	5	5	3	5	3	4
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 0.0000
MEAN:		0.0000	0.0000	0.0000			0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUA	L OBSERVATIONS	3: 42	ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000						

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 340

PROBE HEIGHT: 3

7440-41-7

Jul. 3, 2019

LATITUDE: 40.673656 SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania LONGITUDE: -80.317731

COUNTY: (007) Beaver (197) SOUTHWEST PENNSYLVANIA CITY: (00000) Not in a city URBANIZED AREA: (6282) PITTSBURGH, PA SITE ADDRESS: 760 Beaver Valley Mall LAND USE: COMMERCIAL

(12105) Beryllium (TSP) STP

SITE COMMENTS: New Lead site PA\_ID B020 LOCATION SETTING: SUBURBAN MONITOR COMMENTS:

SUPPORT AGENCY: (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

(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		AF				AF	AS					
5	.000 ND			AF	AF							
6			.000 ND									
7									000 175	000 177	.000 ND	.000 ND
8 9								.000 ND	.000 ND	.000 ND		
10		.000 ND				AS	.000 ND	.000 MD				
11	AS	.000 ND		AS	.000 ND		.000 ND					
12	~		.000 ND									
13											.000 ND	.000 ND
14									.000 ND	.000 ND		
15								AS				
16		AF				AS	.000 ND					
17	.000 ND			.000 ND	.000 ND							
18			.000 ND									
19											.000 ND	.000 ND
20									.000 ND	.000 ND		
21		000 170				000 177		AF				
22 23	.000 ND	.000 ND		.000 ND	AF	.000 ND	AF					
24	.000 ND		.000 ND	.000 ND	Ar							
25			.000 ND								.000 ND	.000 ND
26									AS	AS		
27								.000 ND				
28		.000 ND				.000 ND	.000 ND					
29	.000 ND			AF	.000 ND							
30			.000 ND									
31												.000 ND
NO.:	4	3	5	2	3	2	3	3	4	4	5	6
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	: 44	ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000						
		**		0.0000								

Jul. 3, 2019

CAS NUMBER: 7440-41-7 LATITUDE: 40.673656

SUBURBAN

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 340

PROBE HEIGHT: 3

UTM ZONE:

-80.317731

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

(197) SOUTHWEST PENNSYLVANIA CITY: (00000) Not in a city URBANIZED AREA: (6282) PITTSBURGH, PA SITE ADDRESS: 760 Beaver Valley Mall LAND USE: COMMERCIAL

SITE COMMENTS: New Lead site PA\_ID B020 LOCATION SETTING: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

(12105) Beryllium (TSP) STP

DURATION: 24 HOUR MONITOR TYPE: OTHER 2015 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			AF									
2											.000 ND	.000 ND
3									.000 ND	.000 ND		
4								.000 ND				
5		.000 ND				.000 ND	AF					
6	.000 ND			.000 ND	.000 ND							
7			.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11		AS			000	.000 ND	.000 ND					
12	.000 ND		000	.000 ND	.000 ND							
13 14			.000 ND								000 100	000 MD
15									.000 ND	.000 ND	.000 ND	.000 ND
16								.000 ND	.000	.000 ND		
17		AS				.000 ND	.000 ND	.000 ND				
18	.000 ND	AD		.000 ND	.000 ND	.000 ND	.000 ND					
19			AF									
20											.000 ND	.000 ND
21									.000 ND	.000 ND		
22								.000 ND				
23		AF				.000 ND	.000 ND					
24	.000 ND			.000 ND	.000 ND							
25			.000 ND									
26											.000 ND	.000 ND
27									.000 ND	AM		
28								.000 ND				
29						.000 ND	.000 ND					
30	.000 ND			.000 ND	.000 ND							
31			AS									
NO.:	5	1	3	5	5	5	4	5	5	4	5	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	: 52	ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000						
		22		0.0000								

Jul. 3, 2019

CAS NUMBER: 7440-41-7 LATITUDE: 40.673656

STATE: (42) Pennsylvania COUNTY: (007) Beaver

AQCR: (197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (6282) PITTSBURGH, PA

LAND USE: COMMERCIAL

LOCATION SETTING: SUBURBAN UTM EASTING: ELEVATION-MSL: 340 PROBE HEIGHT: 3

-80.317731

LONGITUDE:

UTM NORTHING:

UTM ZONE:

DURATION: 24 HOUR

MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

SITE ID: 42-007-0007

CITY: (00000) Not in a city

(12105) Beryllium (TSP) STP

SITE ADDRESS: 760 Beaver Valley Mall

SITE COMMENTS: New Lead site PA\_ID B020

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

POC: 2

REPORT FOR: 2016 UNITS: Nanograms/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	.000 ND		
4								.000 ND				
5						AV	.000 ND					
6		.000 ND		AM	.000 ND							
7	.000 ND		.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10						.340	.000 ND	.000 ND				
11 12		.000 ND		.000 ND	.000 ND	.340	.000 ND					
13	.000 ND	.000 ND	.000 ND	.000 ND	.000 ND							
14	.000 ND		.000 ND								.000 ND	.000 ND
15									.000 ND	.000 ND		
16								.000 ND				
17						.000 ND	.000 ND					
18		.000 ND		.000 ND	.000 ND							
19	.000 ND		.000 ND									
20											.000 ND	.000 ND
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		.000 ND	.000 ND							
25	.000 ND		.000 ND									
26											.000 ND	AO
27									.000 ND	TS		
28						000 MD	000 MD	.000 ND				
29 30				.000 ND	.000 ND	.000 ND	.000 ND					
31	.000 ND		.000 ND	.000 ND	.000 ND							
31												
NO.:	6	4	6	4	5	4	5	5	5	4	5	4
MAX:	0.000	0.000	0.000	0.000	0.000	.340	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	.0850	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUA	L OBSERVATIONS	: 57	ANNUAL MEAN:	.0060	ANNUAL MAX:	.340						

Jul. 3, 2019

CAS NUMBER: 7440-41-7 LATITUDE: 40.673656

ELEVATION-MSL: 340

PROBE HEIGHT: 3

-80.317731

LONGITUDE:

UTM NORTHING:

UTM EASTING:

UTM ZONE:

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania

COUNTY: (007) Beaver

CITY: (00000) Not in a city

SITE ADDRESS: 760 Beaver Valley Mall SITE COMMENTS: New Lead site PA\_ID B020

(12105) Beryllium (TSP) STP

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 2017 REPORT FOR:

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (6282) PITTSBURGH, PA

LAND USE: COMMERCIAL

LOCATION SETTING:

UNITS: Nanograms/cubic meter (25 C)

MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND			.000 ND	.000 ND							
2			.000 ND									
3												
4												
5												
6		.000 ND				.000 ND						
7	.000 ND			.000 ND	.000 ND							
8			.000 ND									
9												
10												
11 12		.000 ND				.000 ND						
13	.000 ND	.000 ND		.000 ND	.000 ND	.000 ND						
14	.000 ND		.000 ND	.000 ND	.000 ND							
15			.000 ND									
16												
17												
18		.000 ND				.000 ND						
19	.000 ND			.000 ND	.000 ND							
20			.000 ND									
21												
22												
23												
24		.000 ND				.000 ND						
25	.000 ND			AM	AV							
26			.000 ND									
27												
28												
29						000 170						
30 31	.000 ND				.000 ND	.000 ND						
			-			-	2	2	Č.			
NO.: MAX:	6 0.000	0.000	5 0.000	0.000	5 0.000	5 0.000	0	0	0	0	0	0
MEAN:	0.0000	0.000	0.000	0.000	0.000	0.000						
ANNUA:	L OBSERVATIONS	: 29	ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000						
Note:	Oualifier cod	les with regio	nal concurrenc	e are shown in	upper case, and	those withou	t.					

Jul. 3, 2019

CAS NUMBER: 7440-43-9 LATITUDE: 40.673656

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

(197) SOUTHWEST PENNSYLVANIA CITY: (00000) Not in a city URBANIZED AREA: (6282) PITTSBURGH, PA SITE ADDRESS: 760 Beaver Valley Mall

LAND USE: COMMERCIAL SITE COMMENTS: New Lead site PA\_ID B020 LOCATION SETTING: SUBURBAN

MONITOR COMMENTS:

(12110) Cadmium (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

	0010	DURATION: 24	HOUR
REPORT FOR:	2013		

UNITS: Micrograms/cubic meter (25 C)

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 340

PROBE HEIGHT: 3

UTM ZONE:

-80.317731

MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									AF	.013		
2								.011				
3		.010				.001	.001					
4	.021 5			.003	.000 ND							
5			AF									
6											AS	.000
7									.010	.024 5		
8								.003				
9		AS				AS	.001					
10	.029 5			AS	.004							
11			.002									
12											.004	.084 5
13								0.05	.002	AS		
14 15		AS				AF	.018 5	.005				
15 16	.002	AS		.007	AS	AF	.018 5					
17	.002		.003	.007	AD							
18			.003								.183 5	AS
19									.006	.016 5	.103 3	AU
20								.010	. 500	.310 3		
21		.015 5				AS	.005					
22	AS			.001	.000							
23			AF									
24											.094 5	.042 5
25									AS	.030 5		
26								.003				
27		.014 5				.009	.002					
28	AS			AS	AS							
29			.006									
30											AS	.013
31										.001		
NO.:	3	3	3	3	3	2	5	5	3	5	3	4
MAX:	.029	.015	.006	.007	.004	.009	.018	.011	.010	.030	.183	.084
MEAN:	.0173	.0130	.0037	.0037	.0013	.0050	.0054	.0064	.0060	.0168	.0937	.0348
ANNUA	L OBSERVATIONS	: 42	ANNUAL MEAN:	.0169	ANNUAL MAX:	.183						

URBANIZED AREA: (6282) PITTSBURGH, PA

RAW DATA REPORT

Jul. 3, 2019

CAS NUMBER: 7440-43-9 LATITUDE: 40.673656 LONGITUDE: -80.317731

UTM ZONE:

UTM NORTHING:

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania

COUNTY: (007) Beaver (197) SOUTHWEST PENNSYLVANIA

SITE ADDRESS: 760 Beaver Valley Mall LAND USE: COMMERCIAL UTM EASTING: SITE COMMENTS: New Lead site PA\_ID B020 LOCATION SETTING: SUBURBAN ELEVATION-MSL: 340 MONITOR COMMENTS: PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

(12110) Cadmium (TSP) STP

CITY: (00000) Not in a city

DURATION: 24 HOUR MONITOR TYPE: OTHER 2014 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											.001	.000
2									.000	.009		
3								.001				
4		AF				AF	AS					
5	.005			AF	AF							
6			.001									
7											.002	.001
8								0.05	.000	.006		
9		100 5				3.0	000	.005				
10 11	A.C.	.100 5		AS	.000	AS	.000					
12	AS		.004	Ab	.000							
13			.004								.004	.004 QX
14									.000	.001	.001	.001 21
15								AS				
16		AF				AS	.003	-				
17	.010			.001	.001							
18			.003									
19											.006	.001 QX
20									.001	.000		
21								AF				
22		.067 5				.000	AF					
23	.083 5			.002	AF							
24			.024 5									
25											.009	.000 ND
26									AS	AS		
27								.001				
28	24.5.5	.007				.000	.000					
29	.015 5		0.00	AF	.002							
30			.002									003 OV
31												.003 QX
NO.:	4	3	5	2	3	2	3	3	4	4	5	6
MAX:	.083	.100	.024	.002	.002	0.000	.003	.005	.001	.009	.009	.004
MEAN:	.0283	.0580	.0068	.0015	.0010	0.0000	.0010	.0023	.0003	.0040	.0044	.0015
ANNUAI	OBSERVATIONS:	44	ANNUAL MEAN:	.0088	ANNUAL MAX:	.100						

Jul. 3, 2019

CAS NUMBER: 7440-43-9 LATITUDE: 40.673656 -80.317731 LONGITUDE:

SITE ID: 42-007-0007 POC: 2 COUNTY: (007) Beaver

STATE: (42) Pennsylvania

AQCR: (197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (6282) PITTSBURGH, PA

LAND USE: COMMERCIAL

LOCATION SETTING: SUBURBAN UTM EASTING: ELEVATION-MSL: 340 PROBE HEIGHT: 3

UTM ZONE:

UNITS: Micrograms/cubic meter (25 C)

UTM NORTHING:

MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

(12110) Cadmium (TSP) STP

SITE ADDRESS: 760 Beaver Valley Mall

SITE COMMENTS: New Lead site PA\_ID B020

CITY: (00000) Not in a city

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

DURATION: 24 HOUR REPORT FOR: 2015

MIN DETECTABLE:

_	MONTH	_										
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			AF									
2											.000	.000
3									.001	.001		
4								.000				
5		.000 ND				.001	AF					
6	.002 QX			.001 QX	.001							
7			.000									
8											.280 5	.001
9									.001	.001		
10								.000				
11		AS				.001	.001					
12	.001 QX			.001	.001							
13			.001									
14									0.01	000	.000	.000
15								000	.001	.002		
16 17		AS				.001	.001	.000				
18	.000	no		.001	.000 ND	.001	.001					
19	.000		AF	.001	.000 11D							
20											.000	.000
21									.001	.001		
22								.001				
23		AF				.000	.002					
24	.000			.001	.001							
25			.000									
26											.000 ND	.000
27									.001	AM		
28								.001				
29						.000 ND	.001					
30	.000 QX			.001	.000 ND							
31			AS									
NO.:	5	1	3	5	5	5	4	5	5	4	5	5
MAX:	.002	0.000	.001	.001	.001	.001	.002	.001	.001	.002	.280	.001
MEAN:	.0006	0.0000	.0003	.0010	.0006	.0006	.0013	.0004	.0010	.0013	.0560	.0002
ANNUA	L OBSERVATIONS	52	ANNUAL MEAN:	.0060	ANNUAL MAX:	.280						

Jul. 3, 2019

CAS NUMBER: 7440-43-9 LATITUDE: 40.673656 LONGITUDE: -80.317731

SITE ID: 42-007-0007 POC: 2 COUNTY: (007) Beaver

STATE: (42) Pennsylvania

(197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (6282) PITTSBURGH, PA

LAND USE: COMMERCIAL

LOCATION SETTING: SUBURBAN UTM EASTING: ELEVATION-MSL: 340 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

MONITOR COMMENTS:

(12110) Cadmium (TSP) STP

SITE ADDRESS: 760 Beaver Valley Mall

SITE COMMENTS: New Lead site PA\_ID B020

CITY: (00000) Not in a city

DURATION: 24 HOUR 2016 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)

UTM ZONE:

UTM NORTHING:

MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.003 5									
2											.000	.000 ND
3									.000	.002		
4								.000 ND				
5						AV	.000					
6		.000 ND		AM	.000 ND							
7	.002		.000									
8											.000	.000 ND
9									.000 ND	.001		
10						000	0.01	.000 ND				
11 12		.001		.000 ND	.000 ND	.000	.001					
13	.000 ND	.001	.001	.000 ND	.000 ND							
14	.000 ND		.001								.000	.000 ND
15									.000	.001	.000	.000 ND
16								.000	.000	.001		
17						.000 ND	.001					
18		.002		.000	.001							
19	.000		.001									
20											.000 ND	.000 ND
21									.007 5	.000 ND		
22								.001				
23						.001	.002					
24		.000 ND		.000 ND	.001							
25	.000 ND		.000 ND									
26											.000 ND	AO
27									.000 ND	TS		
28								.000				
29						.000 ND	.000					
30	000 277		000 27-	.000 ND	.000							
31	.000 ND		.000 ND									
NO.:	6	4	6	4	5	4	5	5	5	4	5	4
MAX:	.002	.002	.003	0.000	.001	.001	.002	.001	.007	.002	0.000	0.000
MEAN:	.0003	.0008	.0008	0.0000	.0004	.0003	.0008	.0002	.0014	.0010	0.0000	0.0000
ANNUA	L OBSERVATIONS:	57	ANNUAL MEAN:	.0005	ANNUAL MAX:	.007						

Jul. 3, 2019

CAS NUMBER: 7440-43-9 LATITUDE: 40.673656

LONGITUDE:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

PROBE HEIGHT:

ELEVATION-MSL: 340

-80.317731

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

(197) SOUTHWEST PENNSYLVANIA CITY: (00000) Not in a city URBANIZED AREA: (6282) PITTSBURGH, PA SITE ADDRESS: 760 Beaver Valley Mall

LAND USE: COMMERCIAL SITE COMMENTS: New Lead site PA\_ID B020 LOCATION SETTING: SUBURBAN

MONITOR COMMENTS:

(12110) Cadmium (TSP) STP

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

2017 MONITOR TYPE: OTHER REPORT FOR:

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

MONTH NOVEMBER Day JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER DECEMBER .000 ND .000 ND .000 ND 2 .000 ND 3 4 5 .000 .000 ND 7 .000 ND .000 ND .000 ND 8 .000 ND 9 10 11 12 .000 .000 ND .000 ND 13 .002 .000 ND 14 .000 ND 15 16 17 18 .000 ND .000 ND 19 .000 ND .000 ND .000 ND 20 .000 21 22 23 .000 ND 24 .000 ND 25 .000 ND ΑM AV 26 .001 27 28 29 .000 ND 30 31 .000 ND .000 ND 4 NO.: 5 0 0 0 .002 0.000 .001 0.000 0.000 0.000 MAX: .0003 0.0000 .0002 0.0000 0.0000 0.0000 MEAN: ANNUAL OBSERVATIONS: 29 ANNUAL MEAN: .0001 ANNUAL MAX:

Jul. 3, 2019

CAS NUMBER: 7440-47-3 LATITUDE: 40.673656 LONGITUDE: -80.317731

UTM ZONE:

PROBE HEIGHT: 3

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

(197) SOUTHWEST PENNSYLVANIA

URBANIZED AREA: (6282) PITTSBURGH, PA UTM NORTHING: LAND USE: COMMERCIAL UTM EASTING: LOCATION SETTING: SUBURBAN ELEVATION-MSL: 340

MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

(12112) Chromium (TSP) STP

SITE ADDRESS: 760 Beaver Valley Mall

SITE COMMENTS: New Lead site PA\_ID B020

CITY: (00000) Not in a city

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

DURATION: 24 HOUR 2013 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	.000 ND		
2								.011 5				
3		.000 ND				.000 ND	.000 ND					
4	.006			.000 ND	.000 ND							
5			AF									
6											AS	.000 ND
7									.000 ND	.000 ND		
8								.000 ND				
9	005	AS				AS	.000 ND					
10	.006		0.07	AS	.000 ND							
11 12			.007								.000 ND	.005
13									.000 ND	AS	.000 ND	.005
14								.000 ND	.000 ND	Ab		
15		AS				AF	.000 ND	.000 ND				
16	.000 ND	AU		.000 ND	AS	AL.	.000 145					
17	1000 112		.000 ND	.000 112	110							
18											.006	AS
19									.000 ND	.000 ND		
20								.008				
21		.000 ND				AS	.000 ND					
22	AS			.000 ND	.000 ND							
23			AF									
24											.005	.000 ND
25									AS	.000 ND		
26								.006				
27		.000 ND				.000 ND	.009					
28	AS			AS	AS							
29			.000 ND									
30											AS	.000 ND
31										.000 ND		
NO.:	3	3	3	3	3	2	5	5	3	5	3	4
MAX:	.006	0.000	.007	0.000	0.000	0.000	.009	.011	0.000	0.000	.006	.005
MEAN:	.0040	0.0000	.0023	0.0000	0.0000	0.0000	.0018	.0050	0.0000	0.0000	.0037	.0013
ANNUAI	L OBSERVATIONS:	42	ANNUAL MEAN:	.0016	ANNUAL MAX:	.011						

Jul. 3, 2019

CAS NUMBER: 7440-47-3 LATITUDE: 40.673656

LONGITUDE:

UTM ZONE:

-80.317731

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania

(12112) Chromium (TSP) STP

COUNTY: (007) Beaver (197) SOUTHWEST PENNSYLVANIA CITY: (00000) Not in a city

URBANIZED AREA: (6282) PITTSBURGH, PA UTM NORTHING: SITE ADDRESS: 760 Beaver Valley Mall LAND USE: COMMERCIAL UTM EASTING: SITE COMMENTS: New Lead site PA\_ID B020 LOCATION SETTING: SUBURBAN ELEVATION-MSL: 340 MONITOR COMMENTS: PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR MONITOR TYPE: OTHER 2014 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									.000 ND	.000 ND		
3								.000 ND				
4		AF				AF	AS					
5	.000 ND			AF	AF							
6			.000 ND									
7											.000 ND	.000 ND
8									.000 ND	.000 ND		
9								.000 ND				
10		.000 ND				AS	.000 ND					
11	AS			AS	.000 ND							
12			.000 ND									
13									000 1	000	.000 ND	.000 ND
14								3.0	.000 ND	.000 ND		
15 16		AF				AS	.000 ND	AS				
17	.000 ND	MF		.000 ND	.000 ND	AD	.000 ND					
18	.000 ND		.000 ND	.000 ND	.000 ND							
19			.000 ND								.000 ND	.000 ND
20									.000 ND	.000 ND	.000 ND	.000 ND
21								AF	.000 ND	.000 AD		
22		.000 ND				.000 ND	AF					
23	.000 ND			.000 ND	AF							
24			.000 ND									
25											.000 ND	.000 ND
26									AS	AS		
27								.000 ND				
28		.005				.000 ND	.000 ND					
29	.000 ND			AF	.000 ND							
30			.000 ND									
31												.005
NO.:	4	3	5	2	3	2	3	3	4	4	5	6
MAX:	0.000	.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	.005
MEAN:	0.0000	.0017	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.0008
	L OBSERVATIONS			0000	ANNUAL MAX:	.005						
ANNUA.	L OBSEKVALIONS	: 44	ANNUAL MEAN:	.0002	ANNUAL MAX:	.005						

Jul. 3, 2019

CAS NUMBER: 7440-47-3 LATITUDE: 40.673656

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 340

PROBE HEIGHT: 3

UTM ZONE:

UNITS: Micrograms/cubic meter (25 C)

-80.317731

STATE: (42) Pennsylvania COUNTY: (007) Beaver

AQCR: (197) SOUTHWEST PENNSYLVANIA CITY: (00000) Not in a city URBANIZED AREA: (6282) PITTSBURGH, PA SITE ADDRESS: 760 Beaver Valley Mall

LAND USE: COMMERCIAL SITE COMMENTS: New Lead site PA\_ID B020 LOCATION SETTING: SUBURBAN MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

POC: 2

(12112) Chromium (TSP) STP

SITE ID: 42-007-0007

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

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											.000 ND	.000 ND
3									.000 ND	.000 ND		
4								.000 ND				
5		.000 ND				.000 ND	AF					
6	.000 ND			.000 ND	.000 ND							
7			.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10						005		.000 ND				
11	000 मा	AS		.000 ND	.000 ND	.006	.000 ND					
12 13	.000 ND		.000 ND	.000 ND	.000 ND							
14			.000 ND								.000 ND	.000 ND
15									.000 ND	.000 ND	.000 ND	.000 ND
16								.000 ND	.000 ND	.000 ND		
17		AS				.006	.000 ND	.000 112				
18	.000 ND			.000 ND	.000 ND							
19			AF									
20											.000 ND	.000 ND
21									.000 ND	.000 ND		
22								.000 ND				
23		AF				.000 ND	.000 ND					
24	.000 ND			.000 ND	.000 ND							
25			.000 ND									
26											.000 ND	.000 ND
27									.000 ND	AM		
28								.000 ND				
29						.000 ND	.000 ND					
30	.000 ND			.000 ND	.000 ND							
31			AS									
NO.:	5	1	3	5	5	5	4	5	5	4	5	5
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	.0024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUA	L OBSERVATIONS	: 52	ANNUAL MEAN:	.0002	ANNUAL MAX:	.006						

Jul. 3, 2019

CAS NUMBER: 7440-47-3 LATITUDE: 40.673656 LONGITUDE: -80.317731

ELEVATION-MSL: 340

PROBE HEIGHT: 3

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania

COUNTY: (007) Beaver

CITY: (00000) Not in a city SITE ADDRESS: 760 Beaver Valley Mall

(12112) Chromium (TSP) STP

SITE COMMENTS: New Lead site PA\_ID B020

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: (6282) PITTSBURGH, PA

2016

LAND USE: COMMERCIAL

LOCATION SETTING:

REPORT FOR:

UNITS: Micrograms/cubic meter (25 C)

UTM ZONE:

UTM NORTHING:

UTM EASTING:

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	.000 ND		
4								.000 ND				
5						AV	.000 ND					
6		.000 ND		AM	.000 ND							
7	.005		.000 ND									
8											.000 ND	.000 ND
9 10								.000 ND	.000 ND	.000 ND		
11						.000 ND	.000 ND	.000 ND				
12		.000 ND		.000 ND	.006	.000 ND	.000 ND					
13	.000 ND	.000 ND	.000 ND	.000 ND	.000							
14											.000 ND	.000 ND
15									.000 ND	.000 ND		
16								.000 ND				
17						.000 ND	.000 ND					
18		.000 ND		.000 ND	.000 ND							
19	.000 ND		.000 ND									
20											.000 ND	.000 ND
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		.000 ND	.000 ND							
25	.000 ND		.000 ND									
26									000 200	mo.	.000 ND	AO
27 28								.000 ND	.000 ND	TS		
28 29						.000 ND	.000 ND	.000 MD				
30				.000 ND	.000 ND	.000 ND	.000 ND					
31	.000 ND		.000 ND	.000 ND	.000 ND							
NO.:	6	4	6	4	5	4	5	5	5	4	5	4
MAX:	.005	0.000	0.000	0.000	.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	.0008	0.0000	0.0000	0.0000	.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUA	L OBSERVATIONS	57	ANNUAL MEAN:	.0002	ANNUAL MAX:	.006						

Jul. 3, 2019

CAS NUMBER: 7440-47-3 LATITUDE: 40.673656

LONGITUDE:

UTM ZONE:

-80.317731

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

(12112) Chromium (TSP) STP

MONTELL

(197) SOUTHWEST PENNSYLVANIA CITY: (00000) Not in a city URBANIZED AREA: (6282) PITTSBURGH, PA

UTM NORTHING: SITE ADDRESS: 760 Beaver Valley Mall LAND USE: COMMERCIAL UTM EASTING: SITE COMMENTS: New Lead site PA\_ID B020 LOCATION SETTING: SUBURBAN ELEVATION-MSL: 340 MONITOR COMMENTS: PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR MONITOR TYPE: OTHER 2017 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:

	JANUARY											
Day	UMMUMICI	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND			.000 ND	.032							
2			.000 ND									
3												
4												
5												
6		.000 ND				.025						
7	.000 ND			.029	.031							
8			.000 ND									
9												
10												
11												
12		.000 ND				.027						
13	.000 ND			.032	.032							
14			.000 ND									
15												
16												
17												
18		.000 ND			000	.025						
19 20	.000 ND		.000 ND	.030	.032							
21			.000 ND									
22												
23												
24		.000 ND				.023						
25	.000 ND	1000 112		AM	AV	.023						
26			.000 ND									
27												
28												
29												
30						.028						
31	.000 ND				.024							
NO.:	6	4	5	4	5	5	0	0	0	0	0	0
MAX:	0.000	0.000	0.000	.032	.032	.028						
MEAN:	0.0000	0.0000	0.0000	.0228	.0302	.0256						
	L OBSERVATIONS:		ANNUAL MEAN:		ANNUAL MAX:	.032						

URBANIZED AREA: (6282) PITTSBURGH, PA

SUBURBAN

LAND USE: COMMERCIAL

LOCATION SETTING:

Jul. 3, 2019

CAS NUMBER: 7439-92-1 LATITUDE: 40.673656 LONGITUDE: -80.317731

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania

COUNTY: (007) Beaver (197) SOUTHWEST PENNSYLVANIA

CITY: (00000) Not in a city SITE ADDRESS: 760 Beaver Valley Mall

(12128) Lead (TSP) STP

SITE COMMENTS: New Lead site PA\_ID B020

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:

UNITS: Micrograms/cubic meter (25 C)

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 340

PROBE HEIGHT: 3

MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									AF	.1068		
2								.1222				
3		.1852 5				.0119	.0146					
4	.4085 5			.0730	.0057							
5			AF									
6											AS	.0049
7									.1507	.3011 5		
8		2.0				3.0	0100	.0418				
9 10	.3435 5	AS		AS	.0323	AS	.0122					
11	.3435 5		.0312	Ab	.0323							
12			.0312								.0399	.4759 5
13									.0178	AS	.0022	
14								.0749				
15		AS				AF	.2203 5					
16	.0231			.0683	AS							
17			.0493									
18											.7128 5	AS
19									.0956	.1070		
20								.1265				
21		.2958 5				AS	.0532					
22	AS			.0130	.0071							
23			AF									
24											1.4031 5	.2876 5
25									AS	.2707 5		
26		1257				1004	0.467	.0393				
27 28	AS	.1257		AS	AS	.1094	.0467					
28 29	AD		.1030	Ab	AS							
30			.1030								AS	.0436
31										.0174	no	.0430
NO.:	3	3	3	3	3	2	5	5	3	5	3	4
MAX:	.4085	.2958	.1030	.0730	.0323	.1094	.2203	.1265	.1507	.3011	1.4031	.4759
MEAN:	.25837	.20223	.06117	.05143	.01503	.06065	.06940	.08094	.08803	.16060	.71860	.20300
ANNUA	L OBSERVATIONS	3: 42	ANNUAL MEAN:	.15887	ANNUAL MAX:	1.4031						

Jul. 3, 2019

CAS NUMBER: 7439-92-1 LATITUDE: 40.673656 LONGITUDE: -80.317731

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

(197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (6282) PITTSBURGH, PA

UTM ZONE: UTM NORTHING: UTM EASTING:

SITE ADDRESS: 760 Beaver Valley Mall SITE COMMENTS: New Lead site PA\_ID B020

(12128) Lead (TSP) STP

CITY: (00000) Not in a city

LAND USE: COMMERCIAL LOCATION SETTING: SUBURBAN

ELEVATION-MSL: 340 PROBE HEIGHT: 3

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:

UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.0100	.0000 ND
2									.0052	.0766		
3								.0060				
4		AF				AF	AS					
5	.0535			AF	AF							
6			.0135									
7											.0115	.0118
8									.0084	.0535		
9								.0110				
10		.3550 5				AS	.0062					
11	AS			AS	.0067							
12			.0308									
13										0.00	.0343	.0212 QX
14								3.0	.0082	.0166		
15 16		AF				AS	.0221	AS				
16	.0665	AF		.0186	.0055	MD	.0221					
18	.0005		.0109	.0100	.0055							
19			.0105								.0624	.0000 ND
20									.0130	.0000 ND		
21								AF				
22		.1910 5				.0085	AF					
23	.3554 5			.0104	AF							
24			.0724									
25											.0671	.0000 ND
26									AS	AS		
27								.0167				
28		.0576				.0099	.0065					
29	.0521			AF	.0181							
30			.0110									
31												.0304 QX
NO.:	4	3	5	2	3	2	3	3	4	4	5	6
MAX:	.3554	.3550	.0724	.0186	.0181	.0099	.0221	.0167	.0130	.0766	.0671	.0304
MEAN:	.13188	.20120	.02772	.01450	.01010	.00920	.01160	.01123	.00870	.03668	.03706	.01057
ANNUA	L OBSERVATIONS	44	ANNUAL MEAN:	.04196	ANNUAL MAX:	.3554						

Jul. 3, 2019

CAS NUMBER: 7439-92-1 LATITUDE: 40.673656 LONGITUDE: -80.317731

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

(197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (6282) PITTSBURGH, PA

2015

LAND USE: COMMERCIAL

SITE COMMENTS: New Lead site PA\_ID B020 LOCATION SETTING: SUBURBAN

ELEVATION-MSL: 340 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 (0851) Pennsylvania Department Of Environmental Protection

(12128) Lead (TSP) STP

SITE ADDRESS: 760 Beaver Valley Mall

CITY: (00000) Not in a city

MONITOR COMMENTS:

REPORT FOR: UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE:

DURATION: 24 HOUR

UTM ZONE:

UTM NORTHING:

UTM EASTING:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			AF									
2											.0066	.0000 ND
3									.0266	.0000 ND		
4 5		.0000 ND				.0083	AF	.0081				
6	.0171 QX	.0000 ND		.0138 QX	.0124	.0083	AF					
7	.01/1 QA		.0000 ND	.0130 QA	.0124							
8											.0541	.0095
9									.0105	.0000 ND		
10								.0080				
11		AS				.0056	.0073					
12	.0084 QX			.0117	.0112							
13			.0104									
14											.0000 ND	.0074
15 16								.0077	.0073	.0000 ND		
17		AS				.0058	.0071	.0077				
18	.0048	AD		.0118	.0000 ND	.0050	.0071					
19			AF									
20											.0000 ND	.0000 ND
21									.0081	.0000 ND		
22								.0000 ND				
23		AF				.0000 ND	.0180					
24	.0048			.0144	.0130							
25			.0060									
26 27									.0000 ND	AM	.0000 ND	.0000 ND
28								.0112	.0000 ND	AIVI		
29						.0000 ND	.0117	.0112				
30	.0097			.0092	.0056							
31			AS									
NO.:	5	1	3	5	5	5	4	5	5	4	5	5
MAX:	.0171	0.0000	.0104	.0144	.0130	.0083	.0180	.0112	.0266	0.0000	.0541	.0095
MEAN:	.00896	0.00000	.00547	.01218	.00844	.00394	.01103	.00700	.01050	0.00000	.01214	.00338
	_ OBSERVATIONS		ANNUAL MEAN:	.00756	ANNUAL MAX:	.0541						
FILMINOPI	2 ODDERVATION.	52	ANNUAL MEAN.	.00/50	MINOND PMA.	.0311						

CAS NUMBER: 7439-92-1
LATITUDE: 40.673656
LONGITUDE: -80.317731

UTM ZONE:

Jul. 3, 2019

(12128) Lead (TSP) STP

COUNTY: (007) Beaver

AQCR: (197) SOUTHWEST PENNSYLVANIA

CITY: (00000) Not in a city

SITE ADDRESS: 760 Beaver Valley Mall

SITE COMMENTS: New Lead site PA\_ID 8020

MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER REPORT FOR: 2016

DURATION: 24 HOUR

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

UNITS: Micrograms/cubic meter (25 C)

0: (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	.0000 ND
3									.0000 ND	.0000 ND		
4								.0000 ND				
5						AV	.0000 ND					
6		.0000 ND		AM	.0000 ND							
7	.0170		.0000 ND									
8									0000 177	0000 370	.0108	.0000 ND
9								0000	.0000 ND	.0000 ND		
10 11						.0064	.0081	.0000 ND				
12		.0000 ND		.0000 ND	.0000 ND	.0004	.0001					
13	.0000 ND	.0000 110	.0073	.0000 ND	.0000 ND							
14	10000 112		.0075								.0071	.0000 ND
15									.0000 ND	.0079		
16								.0000 ND				
17						.0000 ND	.0058					
18		.0000 ND		.0067	.0000 ND							
19	.0000 ND		.0000 ND									
20											.0000 ND	.0000 ND
21									.0130	.0000 ND		
22								.0069				
2.3						.0000 ND	.0000 ND					
24		.0000 ND		.0000 ND	.0087							
25	.0000 ND		.0000 ND									
26											.0000 ND	AO
27								0074	.0000 ND	TS		
28						0126	0057	.0074				
29				.0000 ND	.0000 ND	.0126	.0057					
30 31	.0000 ND		.0000 ND	.UUU UUU.	.UUUU ND							
31	.0000 ND											
NO.:	6	4	6	4	5	4	5	5	5	4	5	4
MAX:	.0170	0.0000	.0073	.0067	.0087	.0126	.0081	.0074	.0130	.0079	.0108	0.0000
MEAN:	.00283	0.00000	.00122	.00168	.00174	.00475	.00392	.00286	.00260	.00198	.00358	0.00000
ANNUA	L OBSERVATIONS	5: 57	ANNUAL MEAN:	.00231	ANNUAL MAX:	.0170						

Jul. 3, 2019

CAS NUMBER: 7439-92-1 LATITUDE: 40.673656 LONGITUDE:

-80.317731

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania

COUNTY: (007) Beaver

CITY: (00000) Not in a city

(12128) Lead (TSP) STP

SITE ADDRESS: 760 Beaver Valley Mall SITE COMMENTS: New Lead site PA\_ID B020

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 2017 REPORT FOR:

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (6282) PITTSBURGH, PA

LAND USE: COMMERCIAL

LOCATION SETTING:

UNITS: Micrograms/cubic meter (25 C)

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 340

PROBE HEIGHT: 3

MIN DETECTABLE:

	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	.0000 ND			.0000 ND	.0000 ND								
2			.0000 ND										
3													
4													
5													
6		.0000 ND				.0019							
7	.0000 ND			.0000 ND	.0000 ND								
8			.0000 ND										
9 10													
11													
12		.0000 ND				.0028							
13	.0000 ND	.0000 112		.0067	.0000 ND	.0020							
14			.0000 ND										
15													
16													
17													
18		.0000 ND				.0015							
19	.0000 ND			.0000 ND	.0000 ND								
20			.0000 ND										
21													
22 23													
24		.0000 ND				.0012							
25	.0000 ND	.0000 112		AM	AV	.0012							
26			.0000 ND										
27													
28													
29													
30						.0014							
31	.0000 ND				.0018								
NO.:	6	4	5	4	5	5	0	0	0	0	0	0	
MAX:	0.0000	0.0000	0.0000	.0067	.0018	.0028							
MEAN:	0.00000	0.00000	0.00000	.00168	.00036	.00176							
	L OBSERVATIONS		ANNUAL MEAN:		ANNUAL MAX:	.0067							

Jul. 3, 2019

CAS NUMBER: 7439-96-5 LATITUDE: 40.673656 LONGITUDE: -80.317731

UTM ZONE:

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

(197) SOUTHWEST PENNSYLVANIA

URBANIZED AREA: (6282) PITTSBURGH, PA

LAND USE: COMMERCIAL

LOCATION SETTING: SUBURBAN UTM NORTHING: UTM EASTING: ELEVATION-MSL: 340 PROBE HEIGHT: 3

MONITOR COMMENTS:

CITY: (00000) Not in a city

(12132) Manganese (TSP) STP

SITE ADDRESS: 760 Beaver Valley Mall

SITE COMMENTS: New Lead site PA\_ID B020

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: UNITS: Micrograms/cubic meter (25 C)

MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									AF	.099 5		
2								.110 5				
3		.048				.019	.014					
4	.071			.053	.021							
5			AF								2.0	.006
6 7									.044	.112 5	AS	.006
8								.018	.011	.112 3		
9		AS				AS	.009	.010				
10	.131 5			AS	.024							
11			.029									
12											.017	.160 5
13									.010	AS		
14								.019				
15		AS				AF	.147 5					
16	.018			.032	AS							
17 18			.022								.137 5	AS
19									.051	.020	.13/ 5	AS
20								.047	.031	.020		
21		.093 5				AS	.024	.01/				
22	AS			.022	.017							
23			AF									
24											.227 5	.106 5
25									AS	.152 5		
26								.054				
27	3.0	.027		3.0	3.0	.069	.023					
28 29	AS		.056	AS	AS							
30			.030								AS	.022
31										.015	110	.022
						-	_	_			_	
NO.:	121	3	3	3	3	2	147	.110	3	152	3	4
MAX: MEAN:	.131 .0733	.093 .0560	.056 .0357	.053 .0357	.024	.069 .0440	.147	.0496	.051 .0350	.152 .0796	.227 .1270	.160 .0735
							.0131	.0420	.0330	.0750	.12/0	.0733
ANNUAI	OBSERVATIONS	: 42	ANNUAL MEAN:	.0570	ANNUAL MAX:	.227						

Jul. 3, 2019

CAS NUMBER: 7439-96-5 LATITUDE: 40.673656 LONGITUDE: -80.317731

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

(197) SOUTHWEST PENNSYLVANIA

URBANIZED AREA: (6282) PITTSBURGH, PA

LAND USE: COMMERCIAL

LOCATION SETTING: SUBURBAN UTM NORTHING: UTM EASTING: ELEVATION-MSL: 340 PROBE HEIGHT: 3

MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

CITY: (00000) Not in a city

(12132) Manganese (TSP) STP

SITE ADDRESS: 760 Beaver Valley Mall

SITE COMMENTS: New Lead site PA\_ID B020

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

DURATION: 24 HOUR 2014 REPORT FOR:

UNITS: Micrograms/cubic meter (25 C)

UTM ZONE:

MIN DETECTABLE:

_	MONTH	_										
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.008	.006
2									.016	.030		
3								.006				
4		AF				AF	AS					
5	.021			AF	AF							
6			.036									
7											.010	.016
8									.023	.132 5		
9								.023				
10		.116 5				AS	.023					
11	AS			AS	.018							
12			.029								0.50	
13									011	0.20	.063	.019
14 15								7.0	.011	.028		
16		AF				AS	.025	AS				
17	.036	AF		.051	.010	MO	.025					
18	.030		.032	.031	.010							
19			.032								.037	.012
20									.020	.012	.03,	.012
21								AF				
22		.056				.014	AF					
23	.117 5			.014	AF							
24			.067									
25											.030	.003 QX
26									AS	AS		
27								.031				
28		.057				.013	.019					
29	.034			AF	.036							
30			.012									
31												.037 QX
NO.:	4	3	5	2	3	2	3	3	4	4	5	6
MAX:	.117	.116	.067	.051	.036	.014	.025	.031	.023	.132	.063	.037
MEAN:	.0520	.0763	.0352	.0325	.0213	.0135	.0223	.0200	.0175	.0505	.0296	.0155
ANNUA	L OBSERVATIONS	3: 44	ANNUAL MEAN:	.0320	ANNUAL MAX:	.132						

LAND USE: COMMERCIAL

LOCATION SETTING:

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania

COUNTY: (007) Beaver

CITY: (00000) Not in a city

SITE ADDRESS: 760 Beaver Valley Mall SITE COMMENTS: New Lead site PA\_ID B020

(12132) Manganese (TSP) STP

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 SUBURBAN PROBE HEIGHT: 3

(197) SOUTHWEST PENNSYLVANIA

URBANIZED AREA: (6282) PITTSBURGH, PA

DURATION: 24 HOUR 2015 REPORT FOR:

UNITS: Micrograms/cubic meter (25 C)

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 340

Jul. 3, 2019

7439-96-5

40.673656

-80.317731

MIN DETECTABLE:

	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1			AF										
2											.026	.018	
3									.073	.007			
4								.022					
5		.020				.024	AF						
6	.016			.148 5	.031								
7			.009										
8											.170 5	.034	
9									.040	.022			
10							0.0	.023					
11	006	AS		015	222	.099 5	.012						
12 13	.006		.030	.015	.029								
14			.030								.018	.013	
15									.051	.029	.010	.013	
16								.021	.031	.025			
17		AS				.021	.022	.021					
18	.009			.030	.026								
19			AF										
20											.040	.019	
21									.035	.042			
22								.014					
23		AF				.029	.035						
24	.012 QX			.046	.017								
25			.015 QX										
26											.006	.010	
27									.015	AM			
28								.033					
29						.010	.028						
30	.008			.039	.008								
31			AS										
NO.:	5	1	3	5	5	5	4	5	5	4	5	5	
MAX:	.016	.020	.030	.148	.031	.099	.035	.033	.073	.042	.170	.034	
MEAN:	.0102	.0200	.0180	.0556	.0222	.0366	.0243	.0226	.0428	.0250	.0520	.0188	
ANNUAL	OBSERVATIONS	: 52	ANNUAL MEAN	: .0303	ANNUAL MAX:	.170							
		52	- INTOIN	.0303									

LAND USE: COMMERCIAL

LOCATION SETTING:

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (6282) PITTSBURGH, PA

Jul. 3, 2019

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania

COUNTY: (007) Beaver

CITY: (00000) Not in a city

SITE ADDRESS: 760 Beaver Valley Mall SITE COMMENTS: New Lead site PA\_ID B020

(12132) Manganese (TSP) STP

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 2016 REPORT FOR:

MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

UNITS: Micrograms/cubic meter (25 C)

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 340

PROBE HEIGHT: 3

7439-96-5

40.673656

-80.317731

1 2110											2211	
	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.008		.013									
2											.029	.037
3									.010	.037		
4							020	.019				
5 6		.019		AM	.017	AV	.030					
7	.048	.019	.034	MI	.01/							
8	.010		.031								.117 5	.033
9									.020	.007	. == . •	
10								.021				
11						.023	.033					
12		.024		.012	.046							
13	.017		.019									
14											.046	.027
15								0.4.5	.015	.021		
16 17						015	016	.015				
17		.021		.036	.012	.015	.016					
19	.041	.021	.022	.030	.012							
20	.011		. 022								.020	.019
21									.036	.005		
22								.016				
23						.013	.018					
24		.007		.017	.069 5							
25	.011		.014									
26											.006	AO
27								000	.023	TS		
28 29						.022	.034	.009				
30				.012	.011	.022	.034					
31	.015		.016	.012	.011							
NO.:	6	4	6	4	5	4	5	5	5	4	5	4
MAX:	.048	.024 .0178	.034 .0197	.036 .0193	.069 .0310	.023	.034	.021 .0160	.036 .0208	.037 .0175	.117 .0436	.037 .0290
MEAN:							.0202	.0100	.0200	.01/3	.0430	.0250
ANNU	AL OBSERVATION:	S: 57	ANNUAL MEAN:	.0237	ANNUAL MAX:	.117						

Jul. 3, 2019

CAS NUMBER: 7439-96-5 LATITUDE: 40.673656

SITE ID: 42-007-0007 POC: 2 COUNTY: (007) Beaver

STATE: (42) Pennsylvania

2017

-80.317731 LONGITUDE: (197) SOUTHWEST PENNSYLVANIA UTM ZONE: URBANIZED AREA: (6282) PITTSBURGH, PA UTM NORTHING:

LAND USE: COMMERCIAL

REPORT FOR:

UTM EASTING: LOCATION SETTING: SUBURBAN ELEVATION-MSL: 340 PROBE HEIGHT: 3

SITE COMMENTS: New Lead site PA\_ID B020 MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: OTHER

UNITS: Micrograms/cubic meter (25 C)

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

(12132) Manganese (TSP) STP

SITE ADDRESS: 760 Beaver Valley Mall

CITY: (00000) Not in a city

MIN DETECTABLE:

DURATION: 24 HOUR

	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	.012			.010	.023								
2			.015										
3													
4													
5													
6		.025				.013							
7	.011			.009	.008								
8			.027										
9													
10 11													
12		.007				.048							
13	.018	.007		.046	.016	.010							
14	.010		.012	.010	.010								
15													
16													
17													
18		.029				.010							
19	.014			.018	.024								
20			.018										
21													
22													
23													
24	222	.019				.013							
25 26	.009		.013	AM	AV								
27			.013										
28													
29													
30						.029							
31	.017				.021								
NO.:	6	4	5	4	5	5	0	0	0	0	0	0	
MAX:	.018	.029	.027	.046	.024	.048							
MEAN:	.0135	.0200	.0170	.0208	.0184	.0226							
ANNUA	L OBSERVATIONS	: 29	ANNUAL MEAN:	.0184	ANNUAL MAX:	.048							

Jul. 3, 2019 (12136) Nickel (TSP) STP

CAS NUMBER: 7440-02-0 LATITUDE: 40.673656 -80.317731 LONGITUDE:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 340

PROBE HEIGHT: 3

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

CITY: (00000) Not in a city

SITE ADDRESS: 760 Beaver Valley Mall

(197) SOUTHWEST PENNSYLVANIA

URBANIZED AREA: (6282) PITTSBURGH, PA LAND USE: COMMERCIAL

SITE COMMENTS: New Lead site PA\_ID B020 LOCATION SETTING: SUBURBAN MONITOR COMMENTS:

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									AF	.000 ND		
2								.013		.000 112		
3		.000 ND				.000 ND	.000 ND					
4	.005			.000 ND	.000 ND							
5			AF									
6											AS	.000 ND
7									.000 ND	.000 ND		
8								.000 ND				
9		AS				AS	.000 ND					
10	.005			AS	.000 ND							
11			.000 ND									
12											.000 ND	.000 ND
13									.000 ND	AS		
14								.000 ND				
15		AS				AF	.000 ND					
16	.000 ND			.000 ND	AS							
17			.000 ND									
18											.000 ND	AS
19									.000 ND	.000 ND		
20								.008				
21		.000 ND				AS	.000 ND					
22	AS			.000 ND	.000 ND							
23			AF								000 170	000 177
24 25									AS	.000 ND	.000 ND	.000 ND
26								.006	AS	.000 ND		
27		.000 ND				.000 ND	.000 ND	.000				
28	AS	.000 ND		AS	AS	.000 ND	.000 ND					
29			.005									
30											AS	.000 ND
31										.000 ND		
NO.:	3	3	3	3	3	2	5	5	3	5	3	4
MAX:	.005	0.000	.005	0.000	0.000	0.000	0.000	.013	0.000	0.000	0.000	0.000
MEAN:	.0033	0.0000	.0017	0.0000	0.0000	0.0000	0.0000	.0054	0.0000	0.0000	0.0000	0.0000
ANNUAL	OBSERVATIONS:	42	ANNUAL MEAN:	.0010	ANNUAL MAX:	.013						

Jul. 3, 2019

CAS NUMBER: 7440-02-0 LATITUDE: 40.673656

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 340

PROBE HEIGHT: 3

UTM ZONE:

-80.317731

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

(12136) Nickel (TSP) STP

SITE ADDRESS: 760 Beaver Valley Mall

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

CITY: (00000) Not in a city

(197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (6282) PITTSBURGH, PA

LAND USE: COMMERCIAL

LOCATION SETTING: SUBURBAN

SITE COMMENTS: New Lead site PA\_ID B020 MONITOR COMMENTS:

DURATION: 24 HOUR MONITOR TYPE: OTHER 2014 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
A										.000 ND	.000 ND		
	3								.000 ND				
Column   C	4		AF				AF	AS					
Column   C	5	.000 ND			AF	AF							
Record   1	6			.000 ND									
1												.000 ND	.000 ND
10										.000 ND	.000 ND		
14 8									.000 ND				
13		3.0	.000 ND		10	000 17-	AS	.000 ND					
13		AS		000 100	AS	.UUU ND							
14				.000 ND								000	000 MID
15										. 000 ND	. 000 ND	.000 ND	.000 ID
16									AS	.000 ND	.000 MD		
17			AF				AS	.000 ND					
18		.000 ND			.000 ND	.000 ND							
20	18			.000 ND									
21	19											.000 ND	.000 ND
22	20									.000 ND	.000 ND		
23									AF				
24			.000 ND				.000 ND	AF					
25		.000 ND			.000 ND	AF							
26				.000 ND									
27 28										3.0	2.0	.000 ND	.000 ND
28									000	AS	AS		
29 .000 ND AF .000 ND			חוא ממא				000 MID	000 MD	.UUU ND				
30 .000 ND 31 .000 ND NO: 4 3 5 2 3 2 3 3 4 4 5 6 MAX: 0.0000 0.00		.000 ND	.000 I		AF	.000 ND	.000 ND	.000 ND					
NO: 4 3 5 2 3 2 3 3 4 4 5 6  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 0.000  MEAN: 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000		.000 ND		.000 ND	*31.	.000 ND							
NO: 4 3 5 2 3 2 3 3 4 4 5 6 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				.000 ND									.000 ND
MAX: 0.0000 0.0000 0.0				_		_			_				
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: 44 ANNUAL MEAN: 0.0000 ANNUAL MAX: 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
	ANNU	AL OBSERVATIONS	: 44	ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000						

AQCR: (197) SOUTHWEST PENNSYLVANIA

URBANIZED AREA: (6282) PITTSBURGH, PA

REPORT FOR: 2015

Jul. 3, 2019

CAS NUMBER: 7440-02-0 LATITUDE: 40.673656

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

-80.317731 LONGITUDE:

ELEVATION-MSL: 340

PROBE HEIGHT: 3

CITY: (00000) Not in a city SITE ADDRESS: 760 Beaver Valley Mall UTM ZONE: UTM NORTHING: UTM EASTING:

SITE COMMENTS: New Lead site PA\_ID B020

(12136) Nickel (TSP) STP

LAND USE: COMMERCIAL LOCATION SETTING: SUBURBAN

MONITOR COMMENTS:

DURATION: 24 HOUR

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: OTHER

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											.000 ND	.000 ND
3									.000 ND	.000 ND		
4								.000 ND				
5		.000 ND				.000 ND	AF					
6	.000 ND			.000 ND	.000 ND							
7			.000 ND									
8											.029 5	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11		AS				.000 ND	.000 ND					
12	.000 ND			.000 ND	.000 ND							
13			.000 ND								000 277	000 200
14 15									.000 ND	.000 ND	.000 ND	.000 ND
16								.000 ND	.000 ND	.000 ND		
17		AS				.000 ND	.010	.000 ND				
18	.000 ND	AS		.000 ND	.000 ND	.000 ND	.010					
19	.000 112		AF	.000 112	.000 112							
20											.000 ND	.000 ND
21									.000 ND	.000 ND		
22								.000 ND				
23		AF				.000 ND	.000 ND					
24	.000 ND			.000 ND	.000 ND							
25			.000 ND									
26											.000 ND	.000 ND
27									.000 ND	AM		
28								.000 ND				
29						.000 ND	.000 ND					
30	.000 ND			.000 ND	.000 ND							
31			AS									
NO.:	5	1	3	5	5	5	4	5	5	4	5	5
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	.010	0.000	0.000	0.000	.029	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.0025	0.0000	0.0000	0.0000	.0058	0.0000
ANNUAI	OBSERVATIONS	52	ANNUAL MEAN:	.0008	ANNUAL MAX:	.029						

Jul. 3, 2019 (12136) Nickel (TSP) STP

CAS NUMBER: 7440-02-0 LATITUDE: 40.673656 LONGITUDE: -80.317731

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

(197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (6282) PITTSBURGH, PA

LAND USE: COMMERCIAL

LOCATION SETTING: SUBURBAN UTM NORTHING: UTM EASTING: ELEVATION-MSL: 340

PROBE HEIGHT: 3

MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

CITY: (00000) Not in a city

SITE ADDRESS: 760 Beaver Valley Mall

SITE COMMENTS: New Lead site PA\_ID B020

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

DURATION: 24 HOUR 2016 REPORT FOR:

UNITS: Micrograms/cubic meter (25 C)

UTM ZONE:

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	.000 ND		
4								.000 ND				
5						AV	.000 ND					
6		.000 ND		AM	.000 ND							
7	.009		.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10 11						.000 ND	.000 ND	.000 ND				
12		.000 ND		.000 ND	.000 ND	.000 ND	.000 ND					
13	.000 ND	.000 ND	.000 ND	.000 ND	.000 ND							
14	.000 ND		.000 ND								.000 ND	.000 ND
15									.000 ND	.000 ND	.000 112	.000 115
16								.000 ND				
17						.000 ND	.000 ND					
18		.000 ND		.000 ND	.000 ND							
19	.000 ND		.000 ND									
20											.000 ND	.000 ND
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		.000 ND	.000 ND							
25	.000 ND		.000 ND									
26											.000 ND	AO
27								000 200	.000 ND	TS		
28 29						.000 ND	.000 ND	.000 ND				
30				.000 ND	.000 ND	.000 ND	.000 ND					
31	.000 ND		.000 ND	.000 ND	.000 IVD							
NO.:	6	4	6	4	5	4	5	5	5	4	5	4
MAX:	.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	.0015	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	: 57	ANNUAL MEAN:	.0002	ANNUAL MAX:	.009						

AIR QUALITY SYSTEM

URBANIZED AREA: (6282) PITTSBURGH, PA

SUBURBAN

LAND USE: COMMERCIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 7440-02-0 LATITUDE: 40.673656

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania

COUNTY: (007) Beaver (197) SOUTHWEST PENNSYLVANIA

SITE ADDRESS: 760 Beaver Valley Mall SITE COMMENTS: New Lead site PA\_ID B020

MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

(12136) Nickel (TSP) STP

CITY: (00000) Not in a city

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

DURATION: 24 HOUR 2017 REPORT FOR:

UNITS: Micrograms/cubic meter (25 C)

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 340

PROBE HEIGHT: 3

UTM ZONE:

-80.317731

MIN DETECTABLE:

	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	.000 ND			.000 ND	.000 ND								
2			.000 ND										
3													
4													
5													
6		.000 ND				.000 ND							
7	.000 ND			.000 ND	.000 ND								
8			.000 ND										
9													
10													
11													
12		.000 ND				.000 ND							
13	.000 ND			.000 ND	.000 ND								
14			.000 ND										
15													
16													
17													
18		.000 ND				.000 ND							
19	.000 ND			.000 ND	.000 ND								
20			.000 ND										
21													
22													
23 24		.000 ND				.000 ND							
25	.000 ND	.000 ND		AM	AV	.000 ND							
26	.000 ND		.000 ND	Pari	AV								
27			.000 142										
28													
29													
30						.000 ND							
31	.000 ND				.000 ND								
NO.:	6	4	5	4	5	5	0	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:		ANNUAL MAX:	0.000							
Note:	Qualifier cod	des with regio	nal concurrenc	e are shown in	upper case, and	d those withou	ıt						

Jul. 3, 2019

CAS NUMBER: 7440-66-6 LATITUDE: 40.673656 LONGITUDE: -80.317731

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

(197) SOUTHWEST PENNSYLVANIA UTM ZONE: URBANIZED AREA: (6282) PITTSBURGH, PA UTM NORTHING:

LAND USE: COMMERCIAL SITE COMMENTS: New Lead site PA\_ID B020 LOCATION SETTING:

UTM EASTING: ELEVATION-MSL: 340 PROBE HEIGHT: 3

MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

(12167) Zinc (TSP) STP

SITE ADDRESS: 760 Beaver Valley Mall

CITY: (00000) Not in a city

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

DURATION: 24 HOUR 2013 REPORT FOR: UNITS: Micrograms/cubic meter (25 C)

SUBURBAN

MIN DETECTABLE:

PQAO:	(0851) Penns	sylvania Depa	artment Of Envir	onmental Prote	ection						MIN DETE	CTABLE:
	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									AF	1.269		
2								1.985 5				
3		3.189 5				.244	.350					
4	5.192 5			1.042	.066							
5			AF									
6									4 422 5	2 625 5	AS	.053
7 8								.823	4.433 5	3.637 5		
9		AS				AS	.204	.023				
10	6.445 5	AU		AS	.714	AU	.201					
11			.428									
12											.531	8.413 5
13									.462	AS		
14								1.631				
15		AS				AF	4.201 5					
16	.380			1.873	AS							
17			.960									
18									225		7.894 5	AS
19 20								1.333	.096	1.106		
21		4.034 5				AS	.919	1.333				
22	AS	4.034 3		.451	.212	AO	.919					
23	110		AF	. 101								
24											6.597 5	3.505 5
25									AS	3.937 5		
26								.385				
27		1.524				1.763	.799					
28	AS			AS	AS							
29			2.196 5									
30											AS	.584
31										.214		
NO.:	3	3	3	3	3	2	5	5	3	5	3	4
MAX:	6.445	4.034	2.196	1.873	.714	1.763	4.201	1.985	4.433	3.937	7.894	8.413
MEAN:	4.0057	2.9157	1.1947	1.1220	.3307	1.0035	1.2946	1.2314	1.6637	2.0326	5.0073	3.1388
ANNUA	L OBSERVATIONS:	42	ANNUAL MEAN:	2.0494	ANNUAL MAX:	8.413						

LAND USE: COMMERCIAL

LOCATION SETTING:

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (6282) PITTSBURGH, PA

(12167) Zinc (TSP) STP CAS NUMBER: 7440-66-6

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania

COUNTY: (007) Beaver

CITY: (00000) Not in a city

SITE ADDRESS: 760 Beaver Valley Mall SITE COMMENTS: New Lead site PA\_ID B020

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:

UNITS: Micrograms/cubic meter (25 C)

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 340

PROBE HEIGHT: 3

Jul. 3, 2019

40.673656

-80.317731

MIN DETECTABLE:

PQAO.	(0031) Pell	nayivania Depo	artment or Envir	Onmental PIO	rection						MIN DEIE	CIMDIE.
	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.183	.035
2									.067	1.677		
3								.064				
4		AF				AF	AS					
5	.704			AF	AF							
6			.227									
7											.215	.049
8									.119	1.166		
9		2 014 5				3.0	0.05	.080				
10	3.0	3.914 5		3.0	0.54	AS	.097					
11 12	AS		.408	AS	.054							
13			.408								.397	.430 QX
14									.049	.376	. 391	.430 VA
15								AS	.013			
16		AF				AS	.343					
17	1.160			.215	.052							
18			.326									
19											1.004	.675 QX
20									. 265	.056		
21								AF				
22		.177				.058	AF					
23	3.665 5			.314	AF							
24			1.564									
25											1.049	.039 QX
26									AS	AS		
27		604				0.42	0.61	.278				
28	.585	.624		AF	.794	.043	.061					
29 30	.585		.214	Ar	./94							
31			.214									.620 QX
31												
NO.:	4	3	5	2	3	2	3	3	4	4	5	6
MAX:	3.665	3.914	1.564	.314	.794	.058	.343	.278	.265	1.677	1.049	.675
MEAN:	1.5285	1.5717	.5478	.2645	.3000	.0505	.1670	.1407	.1250	.8188	.5696	.3080
ANNUA	L OBSERVATIONS	S: 44	ANNUAL MEAN:	.5566	ANNUAL MAX:	3.914						

Jul. 3, 2019

CAS NUMBER: 7440-66-6 LATITUDE: 40.673656

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania COUNTY: (007) Beaver

-80.317731 LONGITUDE:

SITE ADDRESS: 760 Beaver Valley Mall SITE COMMENTS: New Lead site PA\_ID B020

(12167) Zinc (TSP) STP

UTM ZONE: UTM NORTHING: UTM EASTING: ELEVATION-MSL: 340

PROBE HEIGHT: 3

MONITOR COMMENTS:

CITY: (00000) Not in a city

LOCATION SETTING: SUBURBAN

(197) SOUTHWEST PENNSYLVANIA

URBANIZED AREA: (6282) PITTSBURGH, PA

2015

LAND USE: COMMERCIAL

REPORT FOR:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: OTHER

DURATION: 24 HOUR

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

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			AF										
2			PII.								.071	.034	
3									.181	.037	.072	.001	
4								.055					
5		.035				.086	AF						
6	.267 QX			.196 QX	.107								
7			.030										
8											.204	.099	
9									.089	.060			
10								.056					
11		AS				.098	.053						
12	.077 QX			.053	.186								
13			.073										
14											.039	.042	
15									.172	.048			
16								.052					
17		AS				.076	.064						
18	.059 QX			.080	.044								
19			AF										
20											.050	.041	
21									.092	.056			
22								.048					
23		AF			0.54	.057	.215						
24	.032 QX		.051	.202	.051								
25 26			.051								.023	.038	
27									.031	AM	.023	.036	
28								.113	.031	Airi			
29						.033	.080	.113					
30	.102 QX			.087	.028	.033							
31	.102 gii		AS	.007	.020								
NO.:	5	1	3	5	5	5	4	5	5	4	5	5	
MAX:	.267	.035	.073	.202	.186	.098	.215	.113	.181	.060	.204	.099	
MEAN:	.1074	.0350	.0513	.1236	.0832	.0700	.1030	.0648	.1130	.0503	.0774	.0508	
ANNUA	L OBSERVATIONS	52	ANNUAL MEAN:	.0818	ANNUAL MAX:	.267							

Jul. 3, 2019

CAS NUMBER: 7440-66-6 LATITUDE: 40.673656

STATE: (42) Pennsylvania

(197) SOUTHWEST PENNSYLVANIA URBANIZED AREA: (6282) PITTSBURGH, PA

LAND USE: COMMERCIAL

LOCATION SETTING: SUBURBAN UTM EASTING: ELEVATION-MSL: 340 PROBE HEIGHT: 3

-80.317731

MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: OTHER

SITE ID: 42-007-0007

COUNTY: (007) Beaver

CITY: (00000) Not in a city

(12167) Zinc (TSP) STP

SITE ADDRESS: 760 Beaver Valley Mall

SITE COMMENTS: New Lead site PA\_ID B020

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

POC: 2

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2016 REPORT FOR:

UNITS: Micrograms/cubic meter (25 C)

LONGITUDE:

UTM NORTHING:

UTM ZONE:

MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.022		.022									
2											.043	.029
3									.037	.078		
4								.036				
5						AV	.052					
6		.039		AM	.038							
7	.177 5		.040									
8											.087	.040
9									.030	.032		
10								.033				
11						.042	.056					
12		.156 5		.033	.040							
13	.021		.068									
14											.053	.030
15									.041	.098		
16								.039				
17						.034	.044					
18	0.44	.031	0.55	.065	.035							
19	.041		.055								140	0.2.0
20 21									.176 5	.016	.148	.032
22								.051	.1/6 5	.016		
23						.031	.043	.031				
24		.019		.034	.061	.031	.043					
25	.023	.015	.030	.031	.001							
26	.023		.030								.027	AO
27									.028	TS		
28								.028				
29						.054	.046					
30				.039	.027							
31	.029		.037									
NO.:	6	4	6	4	5	4	5	5	5	4	5	4
MAX:	.177	.156	.068	.065	.061	.054	.056	.051	.176	.098	.148	.040
MEAN:	.0522	.0613	.0420	.0428	.0402	.0403	.0482	.0374	.0624	.0560	.0716	.0328
	L OBSERVATIONS		ANNUAL MEAN:	.0491	ANNUAL MAX:	.177						

Jul. 3, 2019

CAS NUMBER: 7440-66-6 LATITUDE: 40.673656 LONGITUDE: -80.317731

SITE ID: 42-007-0007 POC: 2 STATE: (42) Pennsylvania

COUNTY: (007) Beaver

CITY: (00000) Not in a city

(12167) Zinc (TSP) STP

SITE ADDRESS: 760 Beaver Valley Mall SITE COMMENTS: New Lead site PA\_ID B020

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 2017 REPORT FOR:

(197) SOUTHWEST PENNSYLVANIA

SUBURBAN

URBANIZED AREA: (6282) PITTSBURGH, PA

LAND USE: COMMERCIAL

LOCATION SETTING:

UNITS: Micrograms/cubic meter (25 C)

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 340

PROBE HEIGHT: 3

MIN DETECTABLE:

Description   Park   Park		MONTH												
2	Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
3	1	.022			.026	.028								
4 5 6 7 0.30 0.30 0.33 0.33 0.33 0.33 0.33 0.	2			.031										
S	3													
6	4													
7 0.022 0.020 0.031 8														
8			.030				.035							
9		.022			.020	.031								
10				.022										
11														
12														
13			028				036							
14036 15		.045	.020		.076	.037	.030							
15 16 17 18 .025 .000 ND 19 .018 .030 .041 20 .030 21 .22 23 .23 24 .026 .000 ND 25 .038 .AM AV 26 .027 27 28 29 30 .027 31 .015 .000 ND 31 .015 .000 ND NO.: 6 4 5 4 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				.036										
16														
18														
19 .018 .030 .041 20 .030 21 .030 21 .026 .000 ND 25 .038 .026 .007 26 .007 27 28 29 30 .027 21 21 22 23 24 .000 ND 25 .000 ND 26 .007 27 28 29 30 .007 31 .015 .000 ND  NO.: 6 4 5 4 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17													
20 .030 21 22 23 24 .026 .038 AM AV 26 .027 27 28 29 30 .031 .015 .000 ND  NO.: 6 4 5 4 5 5 5 0 0 0 0 0 0 0 0 0 0 0 MAX: .045 .030 .036 .076 .041 .036 MEAN: .045 .030 .027 .0292 .0380 .0274 .0142	18		.025				.000 ND							
21 22 23 24 .026 .000 ND 25 .038	19	.018			.030	.041								
22 23 24 .026 .000 ND 25 .038 AM AV 26 .027 27 28 29 30 .015 .005 ND  NO.: 6 4 5 4 5 5 0 0 0 0 0 0 0 0 0  MAX: .045 .030 .036 .076 .041 .036 MEAN: .0267 .0273 .0292 .0380 .0274 .0142				.030										
23 24														
24 .026 .000 ND  25 .038 AM AV  26 .027  27  28  29  30 .015 .000 ND  NO.: 6 4 5 4 5 5 0 0 0 0 0 0 0 0 0  MAX: .045 .030 .036 .076 .041 .036  MEAN: .0267 .0273 .0292 .0380 .0274 .0142														
25 .038			205											
26 .027 27 28 29 30 .015 .000 ND  NO.: 6 4 5 4 5 5 0 0 0 0 0 0 0 0  MAX: .045 .030 .036 .076 .041 .036  MEAN: .0267 .0273 .0292 .0380 .0274 .0142		020	.026				.000 ND							
27 28 29 30		.038		0.27	AM	AV								
28 29 30				.027										
29 30 .000 ND 31 .015 .000 ND  NO.: 6 4 5 4 5 5 0 0 0 0 0 0 0 0  MAX: .045 .030 .036 .076 .041 .036  MEAN: .0267 .0273 .0292 .0380 .0274 .0142														
30 .000 ND 31 .015 .000 ND  NO.: 6 4 5 4 5 5 0 0 0 0 0 0 0 0  MAX: .045 .030 .036 .076 .041 .036  MEAN: .0267 .0273 .0292 .0380 .0274 .0142														
31 .015 .000 ND  NO.: 6 4 5 4 5 5 0 0 0 0 0 0 0  MAX: .045 .030 .036 .076 .041 .036  MEAN: .0267 .0273 .0292 .0380 .0274 .0142							.000 ND							
MAX: .045 .030 .036 .076 .041 .036 MEAN: .0267 .0273 .0292 .0380 .0274 .0142		.015				.000 ND								
MEAN: .0267 .0273 .0292 .0380 .0274 .0142	NO.:	6	4	5	4	5	5	0	0	0	0	0	0	
	MAX:	.045												
ANNIAL OBSERVATIONS: 29 ANNIAL MEAN: 0.267 ANNIAL MAX: 0.76	MEAN:	.0267	.0273	.0292	.0380	.0274	.0142							
	ANNUA	L OBSERVATIONS:	29	ANNUAL MEAN:	.0267	ANNUAL MAX:	.076							

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

## AIR QUALITY SYSTEM

RAW DATA REPORT Jul. 3, 2019

## QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
5	Outlier.	QA
AF	Scheduled but not Collected.	NULL
AM	Miscellaneous Void.	NULL
AO	Bad Weather.	NULL
AS	Poor Quality Assurance Results.	NULL
AV	Power Failure.	NULL
ND	No Value Detected, Zero Reported.	QA
QX	Does not meet QC criteria.	QA
TS	Holding Time Or Transport Temperature Is Out Of Specs.	NULL

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