

User ID: XCMROBBINS

RAW DATA REPORT

Report Request ID: 1762382

Report Code: AMP350

Jul. 16, 2019

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	42	119	0001		2						

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
ALL		089	

SELECTED OPTIONS

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

SORT ORDER

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

DATE CRITERIA

Start Date	End Date
2013 01 01	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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12103) Arsenic (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-38-2
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2013

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.002	.000 ND		
2								.001				
3		.001				.000 ND	.001					
4	.000 ND			.000 ND	.002							
5			.000 ND									
6											.001	.000 ND
7								.001		.000 ND		
8								.001				
9		.000 ND				.001	.001					
10	.000 ND			.001	.002							
11			.000 ND								.000 ND	.000 ND
12												
13									.000 ND	.001		
14								.000 ND				
15		.000 ND				.001	.001					
16	.000 ND			.001	.002							
17			.000 ND									
18											.000 ND	.001
19									.001	AF		
20								.002				
21		.000 ND				.000 ND	.001					
22	.000 ND			.000 ND	.001							
23			.000 ND									
24											.000 ND	.000 ND
25									.001	.000 ND		
26								.001				
27		.001				.001	.002					
28	.001			.002	.002 5							
29			.000 ND									
30											.001	.000 ND
31										AF		
NO.:	5	5	5	5	5	5	5	5	5	4	5	5
MAX:	.001	.001	0.000	.002	.002	.001	.002	.002	.002	.001	.001	.001
MEAN:	.0002	.0004	0.0000	.0008	.0018	.0006	.0012	.0010	.0010	.0003	.0004	.0002
ANNUAL OBSERVATIONS:		59		ANNUAL MEAN:	.0007	ANNUAL MAX:	.002					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12103) Arsenic (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-38-2
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2014

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.000 ND	.002
2									.001	.001		
3								.001				
4		.001				.001	.001					
5	.002			AF	.000 ND							
6			.000 ND									
7											.000 ND	.000 ND
8									.000 ND	.001		
9								.002				
10		.000 ND				.001	.000 ND					
11	.001			.000 ND	.001							
12			.001								.000 ND	.001
13												
14									.000 ND	.001		
15								.000 ND				
16		.000 ND				.001	.000 ND					
17	.001			.000 ND	.001							
18			.000 ND									
19											.000 ND	.000 ND
20									.000 ND	.001		
21								.001				
22		.000 ND				.001	.002					
23	.001			.000 ND	.001							
24			.000 ND									
25											.000 ND	.000 ND
26								.002	.002	.000 ND		
27								.001				
28		AM				.001	.000 ND					
29	.001			.000 ND	.000 ND							
30			AF									
31												.000 ND
NO.:	5	4	4	4	5	5	5	5	5	5	5	6
MAX:	.002	.001	.001	0.000	.001	.001	.002	.002	.002	.001	0.000	.002
MEAN:	.0012	.0003	.0003	0.0000	.0006	.0010	.0006	.0010	.0006	.0008	0.0000	.0005
ANNUAL OBSERVATIONS:		58		ANNUAL MEAN:	.0006	ANNUAL MAX:	.002					

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

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 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12103) Arsenic (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
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 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-38-2
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.001									
2											.000 ND	.000 ND
3									.001	.000 ND		
4								AF				
5		.000 ND				.000 ND	.001					
6	.001			.000 ND	.001							
7			.001									
8										.000 ND	.001	
9									.001	.001		
10								.001				
11		.000 ND				.000 ND	.000 ND					
12	.002			.001	.000 ND							
13			.000 ND								.000 ND	.001
14									.001	.000 ND		
15								.002				
16		.001				.000 ND	.000 ND					
17	.001			.000 ND	.000 ND							
18			.000 ND								.000 ND	AF
19									.001	.001		
20											.000 ND	AF
21									.001			
22		.000 ND				.000 ND	.000 ND					
23	.001			.000 ND	.002							
24			.001									
25												
26										.000 ND	AF	.000 ND
27								.001		.000 ND		
28												
29						.000 ND	.000 ND					
30	.000 ND			.001	.000 ND							
31			.000 ND									
NO.:	5	4	6	5	5	5	5	4	5	5	4	4
MAX:	.002	.001	.001	.001	.002	0.000	.001	.002	.001	.001	0.000	.001
MEAN:	.0010	.0003	.0005	.0004	.0006	0.0000	.0002	.0013	.0004	.0004	0.0000	.0005
ANNUAL OBSERVATIONS:	57		ANNUAL MEAN:	.0005		ANNUAL MAX:	.002					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12103) Arsenic (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-38-2
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2016

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.000 ND									
2												
3									.000 ND	.001	.000 ND	.000 ND
4								.000 ND				
5						.001	.001					
6		.000 ND		.000 ND	.000 ND							
7	.001		.001									
8											.001	.000 ND
9									.001	.000 ND		
10								.001				
11						.001	AM					
12		.000 ND		.000 ND	.001							
13	.000 ND		AV								.002 5	.000 ND
14									.000 ND	.000 ND		
15												
16								.000 ND				
17						AG	.001					
18		.000 ND		AM	AF							
19	.000 ND		AF								.000 ND	.001
20												
21									.000 ND	.000 ND		
22								.000 ND				
23						.001	.000 ND					
24		.000 ND		AM	.001							
25	.001		AM								.000 ND	.001
26												
27									.000 ND	.001		
28								.001				
29						.000 ND	.001					
30				.001	.001							
31	.001		.000 ND									
NO.:	6	4	3	3	4	4	4	5	5	5	5	5
MAX:	.001	0.000	.001	.001	.001	.001	.001	.001	.001	.001	.002	.001
MEAN:	.0005	0.0000	.0003	.0003	.0008	.0008	.0008	.0004	.0002	.0004	.0006	.0004
ANNUAL OBSERVATIONS:	53		ANNUAL MEAN:	.0005		ANNUAL MAX:	.002					

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 AIR QUALITY SYSTEM
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Jul. 16, 2019

(12103) Arsenic (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-38-2
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2017

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: .000087

Day	MONTH											
	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		.001				.000 ND				.000 ND		
7	.000 ND			.000 ND	.000 ND							
8			.000 ND									
9												
10												
11												
12		.001				.000 ND				.000 ND		
13	.000 ND			.000 ND	.000 ND							
14			.000 ND									
15												
16												
17												
18		.001				.000 ND				.000 ND		
19	.000 ND			.000 ND	.000 ND							
20			.000 ND									
21												
22												
23												
24		.001				.000 ND				.000 ND		
25	.000 ND			.000 ND	.001							
26			.000 ND									
27												
28												
29												
30									.000 ND			
31	.000 ND				.000 ND							
NO.:	6	4	5	5	6	5	0	0	0	0	0	0
MAX:	0.000	.001	0.000	0.000	.001	0.000						
MEAN:	0.0000	.0010	0.0000	0.0000	.0002	0.0000						
ANNUAL OBSERVATIONS:		31		ANNUAL MEAN:	.0002	ANNUAL MAX:	.001					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12105) Beryllium (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-41-7
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2013

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

Day	MONTH												
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1									.000 ND	.000 ND			
2								.000 ND					
3		.000 ND				.000 ND	.000 ND						
4	.000 ND			.000 ND	.000 ND								
5			.000 ND										
6											.000 ND	1.226	
7									.000 ND	.000 ND			
8								.000 ND					
9		.000 ND				.000 ND	.000 ND						
10	.000 ND			.000 ND	.000 ND								
11			.000 ND								.000 ND	.000 ND	
12													
13									.000 ND	.000 ND			
14								.000 ND					
15		.000 ND				.000 ND	.000 ND						
16	.000 ND			.000 ND	.000 ND								
17			.000 ND										
18											.000 ND	.000 ND	
19									.000 ND	AF			
20								.000 ND					
21		.000 ND				.000 ND	.000 ND						
22	.000 ND			.000 ND	.000 ND								
23			.000 ND										
24											.000 ND	.000 ND	
25									.000 ND	.000 ND			
26								.000 ND					
27		.000 ND				.000 ND	.000 ND						
28	.000 ND			.000 ND	.000 ND								
29			.000 ND										
30											.000 ND	.000 ND	
31										AF			
NO.:	5	5	5	5	5	5	5	5	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	1.226
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	.2452
ANNUAL OBSERVATIONS:	59		ANNUAL MEAN:		.0208		ANNUAL MAX:		1.226				

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12105) Beryllium (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-41-7
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2014

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.000 ND	.000 ND
2									.000 ND	.000 ND		
3								.000 ND				
4		.000 ND				.000 ND	.000 ND					
5	.000 ND			AF	.000 ND							
6			.000 ND									
7											.000 ND	.000 ND
8									.000 ND	.000 ND		
9								.000 ND				
10		.000 ND				.000 ND	.000 ND					
11	.000 ND			.000 ND	.000 ND							
12			.000 ND									
13											.000 ND	.000 ND
14									.000 ND	.000 ND		
15								.000 ND				
16		.000 ND				.000 ND	.000 ND					
17	.000 ND			.000 ND	.000 ND							
18			.000 ND									
19											.000 ND	.000 ND
20									.000 ND	.000 ND		
21								.000 ND				
22		.000 ND				.000 ND	.000 ND					
23	.000 ND			.000 ND	.000 ND							
24			.000 ND									
25											.000 ND	.000 ND
26									.000 ND	.000 ND		
27								.000 ND				
28		AM				.000 ND	.000 ND					
29	.000 ND			.000 ND	.000 ND							
30			AF									
31												.000 ND
NO.:	5	4	4	4	5	5	5	5	5	5	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
ANNUAL OBSERVATIONS:	58		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12105) Beryllium (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-41-7
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

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

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
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Jul. 16, 2019

(12105) Beryllium (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-41-7
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2016

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.000 ND									
2												
3									.000 ND	.000 ND	.000 ND	.000 ND
4								.000 ND				
5						.000 ND	.000 ND					
6		.000 ND		.000 ND	.000 ND							
7	.000 ND		.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11						.000 ND	AM					
12		.000 ND		.000 ND	.000 ND							
13	.000 ND		AV								.000 ND	.000 ND
14												
15									.000 ND	.000 ND		
16								.000 ND				
17						AG	.000 ND					
18		.000 ND		AM	AF							
19	.000 ND		AF								.000 ND	.000 ND
20												
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		AM	.000 ND							
25	.000 ND		AM								.000 ND	.000 ND
26												
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30				.000 ND	.000 ND							
31	.000 ND		.000 ND									
NO.:	6	4	3	3	4	4	4	5	5	5	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
ANNUAL OBSERVATIONS:	53		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12105) Beryllium (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-41-7
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2017

DURATION: 24 HOUR
 UNITS: Nanograms/cubic meter (25 C)
 MIN DETECTABLE: .008

Day	MONTH											
	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	.000 ND							
26			.000 ND									
27												
28												
29												
30						.000 ND						
31	.000 ND				.000 ND							
NO.:	6	4	5	5	6	5	0	0	0	0	0	0
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:		31		ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
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Jul. 16, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-43-9
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2013

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

Day	MONTH												
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1									.000 ND	.000			
2								.000 ND					
3		.000 ND				.000 ND	.000 ND						
4	.000 ND			.000 ND	.000 ND								
5			.000 ND										
6											.000	.000 ND	
7									.000 ND	.000 ND			
8								.000 ND					
9		.000 ND				.000	.000 ND						
10	.000 ND			.000 ND	.000								
11			.000 ND								.000 ND	.000	
12													
13									.000 ND	.000 ND			
14								.000 ND					
15		.000 ND				.000 ND	.000 ND						
16	.000 ND			.000	.000								
17			.000 ND										
18											.000 ND	.000	
19									.000 ND	AF			
20								.000 ND					
21		.000 ND				.000 ND	.000 ND						
22	.000			.000 ND	.000 ND								
23			.000 ND										
24											.000 ND	.000	
25									.000 ND	.000 ND			
26								.000 ND					
27		.000 ND				.000 ND	.000 ND						
28	.000 ND			.000 ND	.000 ND								
29			.000 ND										
30											.000 ND	.000 ND	
31										AF			
NO.:	5	5	5	5	5	5	5	5	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	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	0.0000
ANNUAL OBSERVATIONS:	59		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
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Jul. 16, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-43-9
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2014

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.000 ND	.000
2									.000 ND	.000		
3								.000 ND				
4		.000 ND				.000 ND	.000 ND					
5	.000 ND			AF	.000 ND							
6			.000 ND									
7											.000 ND	.000 ND
8									.000 ND	.000 ND		
9								.000 ND				
10		.000 ND				.000 ND	.000 ND					
11	.000 ND			.000 ND	.000 ND							
12			.000									
13											.000 ND	.000 ND
14									.000 ND	.000 ND		
15								.000 ND				
16		.000				.000 ND	.000 ND					
17	.000			.000 ND	.000 ND							
18			.000 ND									
19											.000 ND	.000 ND
20									.000 ND	.000 ND		
21								.000 ND				
22		.000 ND				.000 ND	.000 ND					
23	.000 ND			.000 ND	.000							
24			.000 ND									
25											.000 ND	.000 ND
26									.000 ND	.000 ND		
27								.000 ND				
28		AM				.000	.000 ND					
29	.000 ND			.000 ND	.000 ND							
30			AF									
31												.000 ND
NO.:	5	4	4	4	5	5	5	5	5	5	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
ANNUAL OBSERVATIONS:	58		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-43-9
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.000									
2												
3									.000 ND	.000 ND	.000 ND	.000 ND
4								AF				
5		.000 ND				.000 ND	.000 ND					
6	.002 5			.000 ND	.000 ND							
7			.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11		.000 ND				.000 ND	.000 ND					
12	.000			.000 ND	.000 ND							
13			.000 ND								.000 ND	.000 ND
14												
15								.000		.000 ND		
16												
17		.000 ND				.000 ND	.000 ND					
18	.000 ND			.000 ND	.000 ND							
19			.000 ND									
20											.000 ND	AF
21									.000 ND	.000 ND		
22								.000 ND				
23		.000 ND				.000 ND	.000 ND					
24	.000 ND			.000 ND	.000 ND							
25			.000 ND									
26											AF	.000 ND
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30	.000 ND			.000 ND	.000 ND							
31			.000 ND									
NO.:	5	4	6	5	5	5	5	4	5	5	4	4
MAX:	.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	57		ANNUAL MEAN:	0.0000	ANNUAL MAX:	.002						

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-43-9
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2016

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.000 ND									
2												
3									.000 ND	.000 ND	.000 ND	.000 ND
4								.000 ND				
5						.000 ND	.000 ND					
6		.000 ND		.000 ND	.000 ND							
7	.000		.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11						.000	AM					
12		.000 ND		.000 ND	.000 ND							
13	.000		AV								.000 ND	.000 ND
14												
15									.000 ND	.000 ND		
16								.000 ND				
17						AG	.000 ND					
18		.000 ND		AM	AF							
19	.000 ND		AF								.000 ND	.000
20												
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		AM	.000 ND							
25	.000 ND		AM								.000 ND	.000 ND
26												
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30				.000 ND	.000 ND							
31	.000 ND		.000 ND									
NO.:	6	4	3	3	4	4	4	5	5	5	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
ANNUAL OBSERVATIONS:	53		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-43-9
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2017

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: .00002

Day	MONTH											
	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				.000 ND						
7	.000 ND			.000 ND	.000 ND							
8			.000 ND									
9												
10												
11												
12		.001				.000 ND						
13	.000 ND			.000 ND	.000 ND							
14			.002 5									
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	.000 ND							
26			.001									
27												
28												
29												
30						.000 ND						
31	.000 ND				.000 ND							
NO.:	6	4	5	5	6	5	0	0	0	0	0	0
MAX:	0.000	.001	.002	0.000	0.000	0.000	0.000					
MEAN:	0.0000	.0003	.0006	0.0000	0.0000	0.0000						
ANNUAL OBSERVATIONS:		31		ANNUAL MEAN:	.0001	ANNUAL MAX:	.002					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-47-3
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2013

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

Day	MONTH												
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1									.000 ND	.000 ND			
2								.000 ND					
3		.000 ND				.000 ND	.000 ND						
4	.000 ND			.000 ND	.000 ND								
5			.000 ND										
6											.000 ND	.000 ND	
7									.000 ND	.000 ND			
8								.000 ND					
9		.000 ND				.000 ND	.000 ND						
10	.000 ND			.000 ND	.000 ND								
11			.000 ND								.000 ND	.000 ND	
12													
13									.000 ND	.000 ND			
14								.000 ND					
15		.000 ND				.000 ND	.000 ND						
16	.000 ND			.000 ND	.000 ND								
17			.000 ND										
18											.000 ND	.000 ND	
19									.000 ND	AF			
20								.000 ND					
21		.000 ND				.000 ND	.000 ND						
22	.000 ND			.000 ND	.000 ND								
23			.000 ND										
24											.000 ND	.000 ND	
25									.000 ND	.000 ND			
26								.000 ND					
27		.000 ND				.000 ND	.000 ND						
28	.000 ND			.000 ND	.000 ND								
29			.000 ND										
30											.000 ND	.000 ND	
31										AF			
NO.:	5	5	5	5	5	5	5	5	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	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	0.0000
ANNUAL OBSERVATIONS:	59		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-47-3
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2014

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.000 ND	.000 ND
2									.000 ND	.000 ND		
3								.000 ND				
4		.000 ND				.000 ND	.000 ND					
5	.005			AF	.000 ND							
6			.000 ND									
7											.000 ND	.000 ND
8									.000 ND	.000 ND		
9								.000 ND				
10		.000 ND				.000 ND	.000 ND					
11	.000 ND			.000 ND	.000 ND							
12			.000 ND								.000 ND	.000 ND
13									.000 ND	.000 ND		
14								.000 ND				
15						.000 ND	.000 ND					
16		.000 ND										
17	.000 ND			.000 ND	.000 ND							
18			.000 ND									
19											.000 ND	.000 ND
20									.000 ND	.000 ND		
21								.000 ND				
22		.000 ND				.000 ND	.000 ND					
23	.000 ND			.000 ND	.000 ND							
24			.000 ND									
25											.000 ND	.000 ND
26								.000 ND	.000 ND			
27								.000 ND				
28		AM				.000 ND	.000 ND					
29	.000 ND			.000 ND	.000 ND							
30			AF									
31												.000 ND
NO.:	5	4	4	4	5	5	5	5	5	5	5	6
MAX:	.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	58		ANNUAL MEAN:		.0001		ANNUAL MAX:		.005			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
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Jul. 16, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-47-3
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

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

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-47-3
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2016

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.000 ND									
2												
3									.000 ND	.000 ND	.000 ND	.000 ND
4								.000 ND				
5						.000 ND	.000 ND					
6		.000 ND		.000 ND	.000 ND							
7	.000 ND		.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11						.000 ND	AM					
12		.000 ND		.000 ND	.000 ND							
13	.000 ND		AV								.000 ND	.000 ND
14												
15									.000 ND	.000 ND		
16								.000 ND				
17						AG	.000 ND					
18		.000 ND		AM	AF							
19	.000 ND		AF								.000 ND	.000 ND
20												
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		AM	.000 ND							
25	.000 ND		AM								.000 ND	.000 ND
26												
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30				.000 ND	.000 ND							
31	.000 ND		.000 ND									
NO.:	6	4	3	3	4	4	4	5	5	5	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
ANNUAL OBSERVATIONS:	53		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-47-3
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2017

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: .000522

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND			.000 ND	.025							
2			.000 ND									
3												
4												
5												
6		.000 ND				.026						
7	.000 ND			.000 ND	.026							
8			.000 ND									
9												
10												
11												
12		.000 ND				.025						
13	.000 ND			.000 ND	.026							
14			.000 ND									
15												
16												
17												
18		.000 ND				.026						
19	.000 ND			.000 ND	.021 5							
20			.000 ND									
21												
22												
23												
24		.000 ND				.026						
25	.000 ND			.027	.023							
26			.000 ND									
27												
28												
29												
30						.029 5						
31	.000 ND				.024							
NO.:	6	4	5	5	6	5	0	0	0	0	0	0
MAX:	0.000	0.000	0.000	.027	.026	.029						
MEAN:	0.0000	0.0000	0.0000	.0054	.0242	.0264						
ANNUAL OBSERVATIONS:		31		ANNUAL MEAN:	.0098	ANNUAL MAX:	.029					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12128) Lead (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-92-1
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2013

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.0106	.0000 ND		
2								.0069				
3		.0000 ND				.0000 ND	.0000 ND					
4	.0000 ND			.0000 ND	.0083							
5			.0000 ND									
6											.0000 ND	.0000 ND
7									.0000 ND	.0000 ND		
8								.0000 ND				
9		.0000 ND				.0059	.0000 ND					
10	.0000 ND			.0000 ND	.0000 ND							
11			.0000 ND								.0000 ND	.0000 ND
12											.0000 ND	.0000 ND
13									.0000 ND	.0000 ND		
14								.0000 ND				
15		.0000 ND				.0063	.0000 ND					
16	.0000 ND			.0000 ND	.0051							
17			.0000 ND								.0000 ND	.0000 ND
18												
19									.0000 ND	AF		
20								.0299 5				
21		.0000 ND				.0000 ND	.0000 ND					
22	.0000 ND			.0000 ND	.0000 ND							
23			.0000 ND								.0000 ND	.0000 ND
24												
25									.0000 ND	.0000 ND		
26								.0000 ND				
27		.0000 ND				.0000 ND	.0000 ND					
28	.0073			.0104	.0064							
29			.0000 ND									
30											.0060	.0000 ND
31										AF		
NO.:	5	5	5	5	5	5	5	5	5	4	5	5
MAX:	.0073	0.0000	0.0000	.0104	.0083	.0063	0.0000	.0299	.0106	0.0000	.0060	0.0000
MEAN:	.00146	0.00000	0.00000	.00208	.00396	.00244	0.00000	.00736	.00212	0.00000	.00120	0.00000
ANNUAL OBSERVATIONS:		59		ANNUAL MEAN:	.00175	ANNUAL MAX:	.0299					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12128) Lead (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-92-1
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2014

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.0000 ND	.0084
2									.0000 ND	.0000 ND		
3								.0000 ND				
4		.0000 ND				.0060	.0000 ND					
5	.0054			AF	.0000 ND							
6			.0000 ND									
7											.0000 ND	.0000 ND
8									.0000 ND	.0000 ND		
9								.0000 ND				
10		.0000 ND				.0000 ND	.0000 ND					
11	.0000 ND			.0000 ND	.0000 ND							
12			.0057								.0000 ND	.0000 ND
13									.0000 ND	.0000 ND		
14								.0000 ND				
15		.0000 ND				.0000 ND	.0000 ND					
16		.0000 ND				.0000 ND	.0000 ND					
17	.0060			.0000 ND	.0000 ND							
18			.0000 ND									
19											.0000 ND	.0000 ND
20									.0000 ND	.0060		
21								.0000 ND				
22		.0000 ND				.0000 ND	.0000 ND					
23	.0000 ND			.0000 ND	.0000 ND							
24			.0000 ND									
25											.0000 ND	.0000 ND
26									.0000 ND	.0000 ND		
27								.0000 ND				
28		AM				.0079	.0000 ND					
29	.0000 ND			.0000 ND	.0000 ND							
30			AF									
31												.0000 ND
NO.:	5	4	4	4	5	5	5	5	5	5	5	6
MAX:	.0060	0.0000	.0057	0.0000	0.0000	.0079	0.0000	0.0000	0.0000	.0060	0.0000	.0084
MEAN:	.00228	0.00000	.00143	0.00000	0.00000	.00278	0.00000	0.00000	0.00000	.00120	0.00000	.00140
ANNUAL OBSERVATIONS:	58		ANNUAL MEAN:		.00078	ANNUAL MAX:		.0084				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12128) Lead (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-92-1
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 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
 PQAQ: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.0075									
2												
3									.0000 ND	.0000 ND	.0000 ND	.0000 ND
4								AF				
5		.0000 ND				.0000 ND	.0000 ND					
6	.0000 ND			.0000 ND	.0000 ND							
7			.0000 ND									
8											.0000 ND	.0059
9									.0000 ND	.0000 ND		
10								.0000 ND				
11		.0000 ND				.0000 ND	.0000 ND					
12	.0000 ND			.0000 ND	.0000 ND							
13			.0000 ND									
14											.0000 ND	.0085
15									.0059	.0000 ND		
16								.0000 ND				
17		.0000 ND				.0000 ND	.0000 ND					
18	.0000 ND			.0000 ND	.0000 ND							
19			.0000 ND									
20											.0000 ND	AF
21									.0051	.0000 ND		
22								.0000 ND				
23		.0000 ND				.0000 ND	.0000 ND					
24	.0050			.0000 ND	.0000 ND							
25			.0058									
26											AF	.0000 ND
27									.0000 ND	.0055		
28								.0000 ND				
29						.0000 ND	.0000 ND					
30	.0000 ND			.0000 ND	.0000 ND							
31			.0000 ND									
NO.:	5	4	6	5	5	5	5	4	5	5	4	4
MAX:	.0050	0.0000	.0075	0.0000	0.0000	0.0000	0.0000	0.0000	.0059	.0055	0.0000	.0085
MEAN:	.00100	0.00000	.00222	0.00000	0.00000	0.00000	0.00000	0.00000	.00220	.00110	0.00000	.00360
ANNUAL OBSERVATIONS:	57		ANNUAL MEAN:	.00086		ANNUAL MAX:	.0085					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12128) Lead (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-92-1
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2016

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

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.0000 ND		.0000 ND									
2												
3									.0000 ND	.0000 ND	.0000 ND	.0000 ND
4								.0000 ND				
5						.0000 ND	.0000 ND					
6		.0000 ND		.0000 ND	.0000 ND							
7	.0096		.0000 ND									
8											.0076	.0000 ND
9									.0000 ND	.0000 ND		
10								.0000 ND				
11						.0000 ND	AM					
12		.0000 ND		.0000 ND	.0000 ND							
13	.0000 ND		AV								.0000 ND	.0000 ND
14									.0000 ND	.0000 ND		
15								.0000 ND				
16												
17						AG	.0000 ND					
18		.0000 ND		AM	AF							
19	.0000 ND		AF								.0000 ND	.0056
20												
21									.0000 ND	.0000 ND		
22								.0000 ND				
23						.0000 ND	.0000 ND					
24		.0000 ND		AM	.0000 ND							
25	.0000 ND		AM								.0000 ND	.0000 ND
26									.0000 ND	.0000 ND		
27												
28								.0000 ND				
29						.0000 ND	.0000 ND					
30				.0000 ND	.0000 ND							
31	.0000 ND		.0000 ND									
NO.:	6	4	3	3	4	4	4	5	5	5	5	5
MAX:	.0096	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.0076	.0056
MEAN:	.00160	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	.00152	.00112
ANNUAL OBSERVATIONS:		53		ANNUAL MEAN:	.00043		ANNUAL MAX:	.0096				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12128) Lead (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-92-1
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2017

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: .001119

Day	MONTH											
	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				.0000 ND						
7	.0000 ND			.0000 ND	.0000 ND							
8			.0000 ND									
9												
10												
11												
12		.0000 ND				.0017						
13	.0000 ND			.0000 ND	.0000 ND							
14			.0060									
15												
16												
17												
18		.0000 ND				.0009						
19	.0000 ND			.0000 ND	.0000 ND							
20			.0000 ND									
21												
22												
23												
24		.0000 ND				.0008						
25	.0000 ND			.0000 ND	.0000 ND							
26			.0000 ND									
27												
28												
29												
30						.0030						
31	.0000 ND				.0000 ND							
NO.:	6	4	5	5	6	5	0	0	0	0	0	0
MAX:	0.0000	0.0000	.0060	0.0000	0.0000	.0030						
MEAN:	0.00000	0.00000	.00120	0.00000	0.00000	.00128						
ANNUAL OBSERVATIONS:		31		ANNUAL MEAN:	.00040	ANNUAL MAX:	.0060					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12132) Manganese (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-96-5
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2013

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.005	.008		
2								.008				
3		.004				.008	.011					
4	.003			.019 5	.018 5							
5			.006									
6											.006	.003
7									.007	.004		
8								.007				
9		.002				.004	.008					
10	.007			.015	.009							
11			.012								.009	.005
12									.004	.006		
13												
14								.004				
15		.007				.005	.010					
16	.004			.013	.024 5							
17			.003									
18											.003	.007
19									.007	AF		
20								.023 5				
21		.004				.020 5	.005					
22	.008			.013	.026 5							
23			.003									
24											.003	.004
25									.010	.005		
26								.007				
27		.003				.011	.006					
28	.005			.012	.006							
29			.004									
30											.004	.002
31										AF		
NO.:	5	5	5	5	5	5	5	5	5	5	4	5
MAX:	.008	.007	.012	.019	.026	.020	.011	.023	.010	.008	.009	.007
MEAN:	.0054	.0040	.0056	.0144	.0166	.0096	.0080	.0098	.0066	.0058	.0050	.0042
ANNUAL OBSERVATIONS:		59		ANNUAL MEAN:	.0079	ANNUAL MAX:	.026					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12132) Manganese (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-96-5
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2014

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.004	.009
2									.011	.005		
3								.002				
4		.010				.025 5	.005					
5	.005			AF	.007							
6			.007									
7											.003	.003
8									.007	.008		
9								.008				
10		.012				.033 5	.007					
11	.002			.007	.020 5							
12			.018 5								.005	.003
13									.002	.008		
14								.003				
15												
16		.003				.028 5	.005					
17	.010			.009	.006							
18			.007									
19											.006	.003
20									.010	.008		
21								.005				
22		.009				.005	.013					
23	.005			.005	.009							
24			.004									
25											.006	.001
26									.008	.008		
27								.010				
28		AM				.005	.003					
29	.009			.007	.010							
30			AF									
31												.011
NO.:	5	4	4	4	5	5	5	5	5	5	5	6
MAX:	.010	.012	.018	.009	.020	.033	.013	.010	.011	.008	.006	.011
MEAN:	.0062	.0085	.0090	.0070	.0104	.0192	.0066	.0056	.0076	.0074	.0048	.0050
ANNUAL OBSERVATIONS:		58		ANNUAL MEAN:	.0081	ANNUAL MAX:	.033					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12132) Manganese (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-96-5
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.004									
2												
3									.017	.002	.011	.002
4								AF				
5		.003				.005	.003					
6	.005			.009	.010							
7			.007									
8											.003	.006
9									.009	.008		
10								.006				
11		.005				.011	.006					
12	.010			.005	.019 5							
13			.011								.002	.004
14									.007	.004		
15								.006				
16												
17		.005				.010	.013					
18	.003			.008	.005							
19			.006									
20											.006	AF
21									.008	.012		
22								.005				
23		.005				.005	.013					
24	.003			.005	.006							
25			.010									
26									.006	.013	AF	.003
27												
28								.010				
29						.005	.005					
30	.003			.014	.015							
31			.008									
NO.:	5	4	6	5	5	5	5	4	5	5	4	4
MAX:	.010	.005	.011	.014	.019	.011	.013	.010	.017	.013	.011	.006
MEAN:	.0048	.0045	.0077	.0082	.0110	.0072	.0080	.0068	.0094	.0078	.0055	.0038
ANNUAL OBSERVATIONS:		57		ANNUAL MEAN:	.0072	ANNUAL MAX:	.019					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12132) Manganese (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-96-5
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2016

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.001		.004									
2											.005	.003
3									.004	.003		
4								.006				
5						.005	.004					
6		.004		.008	.003							
7	.015		.006									
8											.014	.004
9									.003	.003		
10								.005				
11						.014	AM					
12		.003		.004	.007							
13	.004		AV								.010	.005
14									.005	.007		
15								.003				
16						AG	.004					
17		.004		AM	AF							
18	.004		AF								.002	.009
19									.009	.003		
20												
21								.003				
22						.012	.008					
23		.005		AM	.018 5							
24	.003		AM								.002	.004
25									.004	.010		
26								.006				
27						.007	.008					
28				.003	.007							
29	.005		.007									
30												
31												
NO.:	6	4	3	3	4	4	4	5	5	5	5	5
MAX:	.015	.005	.007	.008	.018	.014	.008	.006	.009	.010	.014	.009
MEAN:	.0053	.0040	.0057	.0050	.0088	.0095	.0060	.0046	.0050	.0052	.0066	.0050
ANNUAL OBSERVATIONS:	53		ANNUAL MEAN:	.0058		ANNUAL MAX:	.018					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12132) Manganese (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7439-96-5
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2017

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: .00076

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.004			.001	.010							
2			.003									
3												
4												
5												
6		.007				.005						
7	.004			.002	.003							
8			.005									
9												
10												
11												
12		.003				.010						
13	.003			.004	.002							
14			.004									
15												
16												
17												
18		.008				.005						
19	.004			.007	.017 5							
20			.004									
21												
22												
23												
24		.008				.005						
25	.003			.007	.004							
26			.002									
27												
28												
29												
30						.010						
31	.005				.005							
NO.:	6	4	5	5	6	5	0	0	0	0	0	0
MAX:	.005	.008	.005	.007	.017	.010						
MEAN:	.0038	.0065	.0036	.0042	.0068	.0070						
ANNUAL OBSERVATIONS:	31		ANNUAL MEAN:		.0053	ANNUAL MAX:		.017				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-02-0
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2013

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.000 ND	.000 ND		
2								.000 ND				
3		.000 ND				.000 ND	.000 ND					
4	.000 ND			.000 ND	.000 ND							
5			.000 ND									
6											.000 ND	.000 ND
7									.000 ND	.000 ND		
8								.000 ND				
9		.000 ND				.000 ND	.000 ND					
10	.000 ND			.000 ND	.000 ND							
11			.000 ND								.000 ND	.000 ND
12												
13									.000 ND	.000 ND		
14								.000 ND				
15		.000 ND				.000 ND	.000 ND					
16	.000 ND			.000 ND	.000 ND							
17			.000 ND									
18											.000 ND	.000 ND
19									.000 ND	AF		
20								.000 ND				
21		.000 ND				.000 ND	.000 ND					
22	.000 ND			.000 ND	.000 ND							
23			.000 ND									
24											.000 ND	.000 ND
25									.000 ND	.000 ND		
26								.000 ND				
27		.000 ND				.000 ND	.000 ND					
28	.000 ND			.000 ND	.000 ND							
29			.000 ND									
30											.000 ND	.000 ND
31										AF		
NO.:	5	5	5	5	5	5	5	5	5	5	4	5
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:		59		ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-02-0
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2014

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.000 ND	.000 ND
2									.000 ND	.000 ND		
3								.000 ND				
4		.000 ND				.000 ND	.000 ND					
5	.000 ND			AF	.000 ND							
6			.000 ND									
7											.000 ND	.000 ND
8									.000 ND	.000 ND		
9								.000 ND				
10		.000 ND				.000 ND	.000 ND					
11	.000 ND			.000 ND	.000 ND							
12			.000 ND									
13											.000 ND	.000 ND
14									.000 ND	.000 ND		
15								.000 ND				
16		.000 ND				.000 ND	.000 ND					
17	.000 ND			.000 ND	.000 ND							
18			.000 ND									
19											.000 ND	.000 ND
20									.000 ND	.000 ND		
21								.000 ND				
22		.000 ND				.000 ND	.000 ND					
23	.000 ND			.000 ND	.000 ND							
24			.000 ND									
25											.000 ND	.000 ND
26									.000 ND	.000 ND		
27								.000 ND				
28		AM				.000 ND	.000 ND					
29	.000 ND			.000 ND	.000 ND							
30			AF									
31												.000 ND
NO.:	5	4	4	4	5	5	5	5	5	5	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
ANNUAL OBSERVATIONS:	58		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-02-0
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

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

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-02-0
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2016

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.000 ND									
2												
3									.000 ND	.000 ND	.000 ND	.000 ND
4								.000 ND				
5						.000 ND	.000 ND					
6		.000 ND		.000 ND	.000 ND							
7	.000 ND		.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11						.000 ND	AM					
12		.000 ND		.000 ND	.000 ND							
13	.000 ND		AV								.000 ND	.000 ND
14												
15									.000 ND	.000 ND		
16								.000 ND				
17						AG	.000 ND					
18		.000 ND		AM	AF							
19	.000 ND		AF								.000 ND	.000 ND
20												
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		AM	.000 ND							
25	.000 ND		AM								.000 ND	.000 ND
26												
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30				.000 ND	.000 ND							
31	.000 ND		.000 ND									
NO.:	6	4	3	3	4	4	4	5	5	5	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
ANNUAL OBSERVATIONS:	53		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-02-0
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2017

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: .000299

Day	MONTH											
	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	.000 ND							
26			.000 ND									
27												
28												
29												
30									.000 ND			
31	.000 ND				.000 ND							
NO.:	6	4	5	5	6	5	0	0	0	0	0	0
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:		31		ANNUAL MEAN:	0.0000		ANNUAL MAX:	0.000				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-66-6
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2013

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.016	.018		
2								.017				
3		.020				.017	.011					
4	.013			.017	.027							
5			.020									
6											.020	.014
7									.020	.011		
8								.018				
9		.015				.029	.015					
10	.043 5			.036	.019							
11			.020								.028	.035
12												
13									.053 5	.025		
14								.014				
15		.020				.015	.016					
16	.031			.024	.023							
17			.012									
18											.013	.035
19									.018	AF		
20								.039				
21		.085 5				.017	.013					
22	.016			.022	.029							
23			.013									
24											.021	.020
25									.020	.056 5		
26								.020				
27		.011				.023	.014					
28	.032			.022	.020							
29			.018									
30											.029	.013
31										AF		
NO.:	5	5	5	5	5	5	5	5	5	5	4	5
MAX:	.043	.085	.020	.036	.029	.029	.016	.039	.053	.056	.029	.035
MEAN:	.0270	.0302	.0166	.0242	.0236	.0202	.0138	.0216	.0254	.0275	.0222	.0234
ANNUAL OBSERVATIONS:		59		ANNUAL MEAN:	.0229	ANNUAL MAX:	.085					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-66-6
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2014

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.011	.031
2									.029	.033		
3								.018				
4		.030				.016	.014					
5	.036			AF	.011							
6			.029									
7											.009	.037
8									.019	.018		
9								.032				
10		.056 5				.027	.024					
11	.022			.013	.015							
12			.025									
13											.012	.015
14									.019	.021		
15								.011				
16		.021				.014	.017					
17	.029			.016	.015							
18			.017									
19											.014	.009
20									.019	.020		
21								.023				
22		.011				.011	.024					
23	.020			.017	.016							
24			.009									
25											.011	.009
26								.022	.017			
27								.018				
28		AM				.012	.015					
29	.021			.011	.014							
30			AF									
31												.013
NO.:	5	4	4	4	5	5	5	5	5	5	5	6
MAX:	.036	.056	.029	.017	.016	.027	.024	.032	.029	.033	.014	.037
MEAN:	.0256	.0295	.0200	.0143	.0142	.0160	.0188	.0204	.0216	.0218	.0114	.0190
ANNUAL OBSERVATIONS:		58		ANNUAL MEAN:	.0193	ANNUAL MAX:	.056					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-66-6
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.027									
2											.022	.010
3									.029	.009		
4								AF				
5		.016				.019	.024					
6	.025			.017	.015							
7			.017								.017	.031
8												
9									.017	.026		
10								.034				
11		.029				.021	.013					
12	.025			.011	.013							
13			.024								.012	.024
14									.026	.011		
15								.026				
16												
17		.014				.017	.031					
18	.015			.015	.018							
19			.013								.012	AF
20												
21									.018	.022		
22								.019				
23		.011				.020	.025					
24	.019			.007	.011							
25			.028									
26											AF	.032
27									.017	.023		
28								.027				
29						.009	.013					
30	.016			.015	.014							
31			.014									
NO.:	5	4	6	5	5	5	5	4	5	5	4	4
MAX:	.025	.029	.028	.017	.018	.021	.031	.034	.029	.026	.022	.032
MEAN:	.0200	.0175	.0205	.0130	.0142	.0172	.0212	.0265	.0214	.0182	.0158	.0243
ANNUAL OBSERVATIONS:		57		ANNUAL MEAN:	.0190		ANNUAL MAX:	.034				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-66-6
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2016

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.009		.011									
2												
3									.007	.014	.015	.007
4								.015				
5						.000 ND	.020					
6		.011		.049 5	.009							
7	.063 5		.015									
8											.028	.011
9									.007	.009		
10								.011				
11						.022	AM					
12		.009		.015	.017							
13	.012		AV								.024	.014
14												
15								.008	.008	.020		
16												
17						AG	.010					
18		.011		AM	AF							
19	.010		AF								.000 ND	.037
20												
21									.012	.010		
22								.008				
23						.022	.011					
24		.009		AM	.019							
25	.019		AM									
26											.007	.028
27									.009	.039 5		
28								.012				
29						.040 5	.014					
30				.012	.010							
31	.025		.015									
NO.:	6	4	3	3	4	4	4	5	5	5	5	5
MAX:	.063	.011	.015	.049	.019	.040	.020	.015	.012	.039	.028	.037
MEAN:	.0230	.0100	.0137	.0253	.0138	.0210	.0138	.0108	.0086	.0184	.0148	.0194
ANNUAL OBSERVATIONS:		53		ANNUAL MEAN:	.0160	ANNUAL MAX:	.063					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-119-0001 POC: 2
 COUNTY: (119) Union
 CITY: (00000) Not in a city
 SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (195) CENTRAL PENNSYLVANIA
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7440-66-6
 LATITUDE: 40.95517
 LONGITUDE: -76.88189
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 150
 PROBE HEIGHT: 3

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

REPORT FOR: 2017

DURATION: 24 HOUR
 UNITS: Micrograms/cubic meter (25 C)
 MIN DETECTABLE: .004959

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.011			.005	.013							
2			.006									
3												
4												
5												
6		.019				.000 ND						
7	.015			.005	.000 ND							
8			.007									
9												
10												
11												
12		.020				.000 ND						
13	.009			.008	.006							
14			.043 5									
15												
16												
17												
18		.029				.000 ND						
19	.011			.014	.016							
20			.014									
21												
22												
23												
24		.021				.000 ND						
25	.009			.012	.006							
26			.010									
27												
28												
29												
30						.000 ND						
31	.019				.000 ND							
NO.:	6	4	5	5	6	5	0	0	0	0	0	0
MAX:	.019	.029	.043	.014	.016	0.000						
MEAN:	.0123	.0223	.0160	.0088	.0068	0.0000						
ANNUAL OBSERVATIONS:	31		ANNUAL MEAN:	.0106	ANNUAL MAX:	.043						

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

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
5	Outlier.	QA
AF	Scheduled but not Collected.	NULL
AG	Sample Time out of Limits.	NULL
AM	Miscellaneous Void.	NULL
AV	Power Failure.	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.