

User ID: XCMROBBINS

RAW DATA REPORT

Report Request ID: 1762435

Report Code: AMP350

Jul. 16, 2019

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	42	045	0003		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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-38-2
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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									.001	.001		
2								AF				
3		.001				.001	AF					
4	.000 ND			.000 ND	.000 ND							
5			.000 ND									
6											.000 ND	.000 ND
7									.001	.001		
8								.001				
9		.000 ND				.001	.000 ND					
10	.000 ND			.001	.001							
11			.000 ND								.000 ND	.001
12												
13									.001	.001		
14								.000 ND				
15		.001				.001	.000 ND					
16	.000 ND			.000 ND	.002							
17			.000 ND									
18											AF	.000 ND
19									.000 ND	.001		
20								.002				
21		.000 ND				.000 ND	.001					
22	.000 ND			.000 ND	.001							
23			.000 ND									
24											AF	.001
25									AF	.000 ND		
26								.001				
27		.000 ND				.001	.001					
28	.001			.001	.002							
29			.000 ND									
30											.000 ND	.001
31										.002		
NO.:	5	5	5	5	5	5	4	4	4	6	3	5
MAX:	.001	.001	0.000	.001	.002	.001	.001	.002	.001	.002	0.000	.001
MEAN:	.0002	.0004	0.0000	.0004	.0012	.0008	.0005	.0010	.0008	.0010	0.0000	.0006
ANNUAL OBSERVATIONS:	56		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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Jul. 16, 2019

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 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-38-2
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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	AF
2									.001	.000 ND		
3								.001				
4		AF				AF	AF					
5	.001			AF	.001							
6			AF									
7											.001	.001
8									.001	.000 ND		
9								.001				
10		.000 ND				AF	AF					
11	.001			.001	AF							
12			AF								.000 ND	.001
13									.001	.000 ND		
14								.000 ND				
15												
16		AF				AF	.000 ND					
17	AF			.001	AF							
18			AF									
19											.000 ND	.001
20									.000 ND	.001		
21								.001				
22		AF				AF	.000 ND					
23	.000 ND			.000 ND	.000 ND							
24			AF									
25											AF	.000 ND
26								.000 ND	.001			
27												
28		AF				AF	.000 ND					
29	.001			.002 5	.000 ND							
30			AF									
31												.001
NO.:	4	1	0	4	3	0	3	5	5	4	4	5
MAX:	.001	0.000		.002	.001		0.000	.001	.001	.001	.001	.001
MEAN:	.0008	0.0000		.0010	.0003		0.0000	.0008	.0006	.0003	.0003	.0008
ANNUAL OBSERVATIONS:	38		ANNUAL MEAN:	.0006		ANNUAL MAX:	.002					

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 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-38-2
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 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.001									
2											.001	.000 ND
3									.001	.000 ND		
4								.000 ND				
5		.000 ND				.001	.001					
6	AF			.000 ND	.001							
7			.000 ND									
8											.000 ND	.001
9									.000 ND	AF		
10								.000 ND				
11		.000 ND				.000 ND	.000 ND					
12	AF			.001	.000 ND							
13			.000 ND									
14											.000 ND	.002
15									.001	AF		
16								.001				
17		.000 ND				.000 ND	.000 ND					
18	AF			.001	.001							
19			.000 ND									
20											.000 ND	.000 ND
21									.000 ND	.001		
22								.000 ND				
23		.000 ND				.000 ND	.000 ND					
24	.001			.000 ND	.002 5							
25			.001									
26											.001	AF
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.001					
30	.000 ND			.000 ND	.000 ND							
31			.000 ND									
NO.:	2	4	6	5	5	5	5	5	5	3	5	4
MAX:	.001	0.000	.001	.001	.002	.001	.001	.001	.001	.001	.001	.002
MEAN:	.0005	0.0000	.0003	.0004	.0008	.0002	.0004	.0002	.0004	.0003	.0004	.0008
ANNUAL OBSERVATIONS:		54		ANNUAL MEAN:	.0004	ANNUAL MAX:	.002					

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 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-38-2
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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	FI		.000 ND									
2												
3									.000 ND	.001	.001	.000 ND
4								.000 ND				
5						AF	.001					
6		.000 ND		.000 ND	AF							
7	.000 ND		.001									
8											.000 ND	.000 ND
9									.000 ND	.001		
10								.000 ND				
11						.003 5	.000 ND					
12		.000 ND		.000 ND	AF							
13	.000 ND		.002 5								.001	.000 ND
14												
15									.000 ND	.003 5		
16								.000 ND				
17						.001	.000 ND					
18		.000 ND		.000 ND	AF							
19	.000 ND		.000 ND								.000 ND	AM
20												
21									.001	.000 ND		
22								.000 ND				
23						.001	.001					
24		.000 ND		.000 ND	AF							
25	.000 ND		.000 ND									
26											.001	.000 ND
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.001					
30				AV	AF							
31	.001		.000 ND									
NO.:	5	4	6	4	0	4	5	5	5	5	5	4
MAX:	.001	0.000	.002	0.000		.003	.001	0.000	.001	.003	.001	0.000
MEAN:	.0002	0.0000	.0005	0.0000		.0013	.0006	0.0000	.0002	.0010	.0006	0.0000
ANNUAL OBSERVATIONS:		52		ANNUAL MEAN:	.0004		ANNUAL MAX:	.003				

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(12103) Arsenic (TSP) STP

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 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
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STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-38-2
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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: 2017

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

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND			.000 ND	.000 ND							
2			.000 ND									
3												
4									.001			
5								.000 5				
6		.000 ND				.000 ND	AF					
7	.000 ND			.000 ND	.000 ND							
8			.000 ND									
9												
10									AF			
11								.000				
12		.000 ND				.000 ND	AM					
13	.000 ND			.000 ND	.001							
14			.000 ND									
15												
16									.001			
17								.001				
18		.002 5				AM	.001					
19	.000 ND			.000 ND	.000 ND							
20			AF									
21												
22									.001			
23								.000				
24		.000 ND				.000 ND	FI					
25	.000 ND			.000 ND	.000 ND							
26			.000 ND									
27												
28									.001			
29								.001				
30						AM	.001					
31	.001				.000 ND							
NO.:	6	4	4	5	6	3	2	5	4	0	0	0
MAX:	.001	.002	0.000	0.000	.001	0.000	.001	.001	.001			
MEAN:	.0002	.0005	0.0000	0.0000	.0002	0.0000	.0010	.0004	.0010			
ANNUAL OBSERVATIONS:		39		ANNUAL MEAN:	.0003	ANNUAL MAX:	.002					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12105) Beryllium (TSP) STP

SITE ID: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-41-7
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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								AF				
3		.000 ND				.000 ND	AF					
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											AF	.000 ND
19									.000 ND	.000 ND		
20								.000 ND				
21		.000 ND				.000 ND	.000 ND					
22	.000 ND			.000 ND	.000 ND							
23			.000 ND									
24											AF	.000 ND
25									AF	.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										.000 ND		
NO.:	5	5	5	5	5	5	4	4	4	6	3	5
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	56		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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Jul. 16, 2019

(12105) Beryllium (TSP) STP

SITE ID: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

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 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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	AF
2									.000 ND	.000 ND		
3								.000 ND				
4		AF				AF	AF					
5	.000 ND			AF	.000 ND							
6			AF									
7										.000 ND	.000 ND	
8								.000 ND	.000 ND			
9								.000 ND				
10		.000 ND				AF	AF					
11	.000 ND			.000 ND	AF							
12			AF							.000 ND	.000 ND	
13												
14								.000 ND	.000 ND			
15								.000 ND				
16		AF				AF	.000 ND					
17	AF			.000 ND	AF							
18			AF									
19										.000 ND	.000 ND	
20								.000 ND	.000 ND			
21								.000 ND				
22		AF				AF	.000 ND					
23	.000 ND			.000 ND	.000 ND							
24			AF									
25											AF	.000 ND
26								.000 ND	.000 ND			
27								.000 ND				
28		AF				AF	.000 ND					
29	.000 ND			.000 ND	.000 ND							
30			AF									
31												.000 ND
NO.:	4	1	0	4	3	0	3	5	5	4	4	5
MAX:	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
ANNUAL OBSERVATIONS:	38		ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000						

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 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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												
3									.000 ND	.000 ND	.000 ND	.000 ND
4								.000 ND				
5		.000 ND				.000 ND	.000 ND					
6	AF			.000 ND	.000 ND							
7			.000 ND									
8											.000 ND	.000 ND
9									.000 ND	AF		
10								.000 ND				
11		.000 ND				.000 ND	.000 ND					
12	AF			.000 ND	.000 ND							
13			.000 ND									
14											.000 ND	.000 ND
15									.000 ND	AF		
16								.000 ND				
17		.000 ND				.000 ND	.000 ND					
18	AF			.000 ND	.000 ND							
19			.000 ND									
20											.000 ND	.000 ND
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											.000 ND	AF
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30	.000 ND			.000 ND	.000 ND							
31			.000 ND									
NO.:	2	4	6	5	5	5	5	5	5	3	5	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:	54		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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-41-7
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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	FI		.000 ND									
2												
3									.000 ND	.000 ND	.000 ND	.000 ND
4								.000 ND				
5						AF	.000 ND					
6		.000 ND		.000 ND	AF							
7	.000 ND		.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11						.000 ND	.000 ND					
12		.000 ND		.000 ND	AF							
13	.000 ND		.000 ND								.000 ND	.000 ND
14												
15									.000 ND	.000 ND		
16								.000 ND				
17						.000 ND	.000 ND					
18		.000 ND		.000 ND	AF							
19	.000 ND		.000 ND								.000 ND	AM
20												
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		.000 ND	AF							
25	.000 ND		.000 ND									
26											.000 ND	.000 ND
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30				AV	AF							
31	.000 ND		.000 ND									
NO.:	5	4	6	4	0	4	5	5	5	5	5	4
MAX:	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
ANNUAL OBSERVATIONS:	52		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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-41-7
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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: 2017

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	.000 ND							
2			.000 ND									
3												
4									.000 ND			
5								.000 ND				
6		.000 ND				.000 ND	AF					
7	.000 ND			.000 ND	.000 ND							
8			.000 ND									
9												
10									AF			
11								.000 ND				
12		.000 ND				.000 ND	AM					
13	.000 ND			.000 ND	.000 ND							
14			.000 ND									
15												
16									.000 ND			
17								.000 ND				
18		.000 ND				AM	.000 ND					
19	.000 ND			.000 ND	.000 ND							
20			AF									
21												
22									.051			
23								.053				
24		.000 ND				.000 ND	FI					
25	.000 ND			.000 ND	.000 ND							
26			.000 ND									
27												
28									.080			
29								.000 ND				
30						AM	.000 ND					
31	.000 ND				.000 ND							
NO.:	6	4	4	5	6	3	2	5	4	0	0	0
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	.053	.080			
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.0106	.0328			
ANNUAL OBSERVATIONS:		39		ANNUAL MEAN:	.0047		ANNUAL MAX:	.080				

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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-43-9
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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								AF				
3		.000				.000 ND	AF					
4	.000 ND			.000 ND	.001							
5			.000									
6											.000 ND	.000
7									.000	.000 ND		
8								.001				
9		.001 5				.000 ND	.000 ND					
10	.000			.000	.000 ND							
11			.000 ND								.000 ND	.000 ND
12												
13									.001 5	.000		
14								.000 ND				
15		.000				.000	.000 ND					
16	.000 ND			.000 ND	.000 ND							
17			.000 ND									
18											AF	.000 ND
19									.000 ND	.000 ND		
20								.000 ND				
21		.000 ND				.000 ND	.000 ND					
22	.000			.000 ND	.000 ND							
23			.000 ND									
24											AF	.000
25									AF	.000 ND		
26								.000				
27		.000 ND				.000	.000 ND					
28	.000 ND			.000 ND	.000 ND							
29			.000 ND									
30											.000 ND	.000
31										.000 ND		
NO.:	5	5	5	5	5	5	4	4	4	6	3	5
MAX:	0.000	.001	0.000	0.000	.001	0.000	0.000	.001	.001	0.000	0.000	0.000
MEAN:	0.0000	.0002	0.0000	0.0000	.0002	0.0000	0.0000	.0003	.0003	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:		56		ANNUAL MEAN:	.0001	ANNUAL MAX:	.001					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-43-9
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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	AF
2									.000 ND	.000 ND		
3								.000 ND				
4		AF				AF	AF					
5	.001			AF	.000							
6			AF									
7											.000 ND	.000 ND
8									.000 ND	.000 ND		
9								.000 ND				
10		.000 ND				AF	AF					
11	.000 ND			.000 ND	AF							
12			AF								.000 ND	.000 ND
13												
14								.000 ND	.000 ND			
15								.000 ND				
16		AF				AF	.000 ND					
17	AF			.000 ND	AF							
18			AF									
19											.000 ND	.000 ND
20									.000 ND	.000 ND		
21								.000 ND				
22		AF				AF	.000 ND					
23	.000			.000 ND	.000 ND							
24			AF									
25											AF	.000 ND
26								.000 ND	.000 ND	AF		
27								.000 ND				
28		AF				AF	.000 ND					
29	.000			.001	.000 ND							
30			AF									
31												.000 ND
NO.:	4	1	0	4	3	0	3	5	5	4	4	5
MAX:	.001	0.000		.001	0.000		0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	.0003	0.0000		.0003	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	38			ANNUAL MEAN:	.0001		ANNUAL MAX:	.001				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-43-9
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.000 ND									
2											.000 ND	.000 ND
3									.000 ND	.000 ND		
4								.000 ND				
5		.000 ND				.000 ND	.000 ND					
6	AF			.000 ND	.000 ND							
7			.000 ND								.000 ND	.000
8												
9									.000 ND	AF		
10								.000 ND				
11		.000 ND				.000 ND	.000 ND					
12	AF			.000 ND	.001							
13			.000 ND								.000 ND	.000
14									.000 ND	AF		
15								.000				
16												
17		.000				.000 ND	.000 ND					
18	AF			.000	.000 ND							
19			.000 ND								.000 ND	.000 ND
20												
21									.000	.000		
22								.000 ND				
23		.000				.000 ND	.000 ND					
24	.000 ND			.000 ND	.000 ND							
25			.000 ND									
26											.000 ND	AF
27									.000	.001 5		
28								.000				
29						.000	.000 ND					
30	.000			.000 ND	.000 ND							
31			.000									
NO.:	2	4	6	5	5	5	5	5	5	3	5	4
MAX:	0.000	0.000	0.000	0.000	.001	0.000	0.000	0.000	0.000	.001	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	.0002	0.0000	0.0000	0.0000	0.0000	.0003	0.0000	0.0000
ANNUAL OBSERVATIONS:	54		ANNUAL MEAN:	0.0000		ANNUAL MAX:	.001					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-43-9
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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	FI		.000 ND									
2												
3									.000 ND	.000 ND	.000 ND	.000 ND
4								.000 ND				
5						AF	.000 ND					
6		.000		.000 ND	AF							
7	.000 ND		.001									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11						.000 ND	.000 ND					
12		.000 ND		.000	AF							
13	.000 ND		.000								.000	.001
14									.000 ND	.001		
15								.000 ND				
16									.000 ND			
17						.001 5	.000 ND					
18		.000		.000 ND	AF							
19	.000 ND		.000 ND								.000 ND	AM
20												
21									.000 ND	.000 ND		
22								.000 ND				
23						.000	.000 ND					
24		.000 ND		.000 ND	AF							
25	.000		.001									
26											.000 ND	.001
27								.000	.000	.000 ND		
28												
29						.000 ND	.000 ND					
30				AV	AF							
31	.000		.000									
NO.:	5	4	6	4	0	4	5	5	5	5	5	4
MAX:	0.000	0.000	.001	0.000		.001	0.000	0.000	0.000	.001	0.000	.001
MEAN:	0.0000	0.0000	.0003	0.0000		.0003	0.0000	0.0000	0.0000	.0002	0.0000	.0005
ANNUAL OBSERVATIONS:		52		ANNUAL MEAN:	.0001		ANNUAL MAX:	.001				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-43-9
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.001			.000 ND	.000 ND							
2			.000									
3												
4									.000			
5								.000 ND				
6		.000				.000 ND	AF					
7	.000			.000 ND	.000 ND							
8			.000									
9												
10									AF			
11								.000 ND				
12		.000				.000 ND	AM					
13	.000 ND			.000 ND	.000 ND							
14			.000 ND									
15												
16									.000			
17								.000 ND				
18		.000				AM	.000 ND					
19	.000			.000 ND	.000 ND							
20			AF									
21												
22									.000 ND			
23								.000 ND				
24		.000 ND				.000 ND	FI					
25	.000 ND			.000 ND	.000 ND							
26			.000 ND									
27												
28									.000			
29								.000 ND				
30						AM	.000 ND					
31	.000				.000 ND							
NO.:	6	4	4	5	6	3	2	5	4	0	0	0
MAX:	.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
MEAN:	.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			
ANNUAL OBSERVATIONS:		39		ANNUAL MEAN:	0.0000	ANNUAL MAX:	.001					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-47-3
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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								AF				
3		.000 ND				.000 ND	AF					
4	.000 ND			.000 ND	.000 ND							
5			.000 ND									
6											.000 ND	.000 ND
7									.000 ND	.000 ND		
8								.007				
9		.000 ND				.000 ND	.000 ND					
10	.000 ND			.000 ND	.000 ND							
11			.000 ND								.000 ND	.025
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											AF	.000 ND
19									.000 ND	.000 ND		
20								.000 ND				
21		.000 ND				.000 ND	.000 ND					
22	.000 ND			.000 ND	.000 ND							
23			.000 ND									
24											AF	.000 ND
25									AF	.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										.000 ND		
NO.:	5	5	5	5	5	5	4	4	4	6	3	5
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	.007	0.000	0.000	0.000	.025
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.0018	0.0000	0.0000	0.0000	.0050
ANNUAL OBSERVATIONS:	56		ANNUAL MEAN:		.0006		ANNUAL MAX:		.025			

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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-47-3
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.000 ND	AF
2									.000 ND	.000 ND		
3								.000 ND				
4		AF				AF	AF					
5	.000 ND			AF	.000 ND							
6			AF									
7											.000 ND	.000 ND
8									.000 ND	.000 ND		
9								.000 ND				
10		.000 ND				AF	AF					
11	.000 ND			.000 ND	AF							
12			AF								.000 ND	.000 ND
13												
14									.000 ND	.000 ND		
15								.000 ND				
16		AF				AF	.000 ND					
17	AF			.000 ND	AF							
18			AF									
19											.000 ND	.000 ND
20									.000 ND	.000 ND		
21								.000 ND				
22		AF				AF	.000 ND					
23	.000 ND			.000 ND	.000 ND							
24			AF									
25											AF	.000 ND
26									.000 ND	AF		
27								.000 ND				
28		AF				AF	.000 ND					
29	.000 ND			.000 ND	.000 ND							
30			AF									
31												.000 ND
NO.:	4	1	0	4	3	0	3	5	5	4	4	5
MAX:	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
ANNUAL OBSERVATIONS:	38		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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-47-3
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.000 ND									
2											.000 ND	.000 ND
3									.000 ND	.000 ND		
4								.000 ND				
5		.000 ND				.000 ND	.000 ND					
6	AF			.000 ND	.000 ND							
7			.000 ND								.000 ND	.000 ND
8												
9									.000 ND	AF		
10								.000 ND				
11		.000 ND				.000 ND	.000 ND					
12	AF			.000 ND	.000 ND							
13			.000 ND								.000 ND	.000 ND
14									.000 ND	AF		
15								.000 ND				
16												
17		.000 ND				.000 ND	.000 ND					
18	AF			.000 ND	.000 ND							
19			.000 ND								.000 ND	.000 ND
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											.000 ND	AF
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30	.000 ND			.000 ND	.000 ND							
31			.000 ND									
NO.:	2	4	6	5	5	5	5	5	5	3	5	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:	54		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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-47-3
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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	FI		.000 ND									
2												
3									.000 ND	.000 ND	.000 ND	.000 ND
4								.000 ND				
5						AF	.000 ND					
6		.000 ND		.000 ND	AF							
7	.000 ND		.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11						.000 ND	.000 ND					
12		.000 ND		.000 ND	AF							
13	.000 ND		.000 ND								.000 ND	.000 ND
14												
15									.000 ND	.000 ND		
16								.000 ND				
17						.000 ND	.000 ND					
18		.000 ND		.000 ND	AF							
19	.000 ND		.000 ND								.000 ND	AM
20												
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		.000 ND	AF							
25	.000 ND		.000 ND									
26											.000 ND	.000 ND
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30				AV	AF							
31	.000 ND		.000 ND									
NO.:	5	4	6	4	0	4	5	5	5	5	5	4
MAX:	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
ANNUAL OBSERVATIONS:	52		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-47-3
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND			.025	.027							
2			.000 ND									
3												
4									.028			
5								.023				
6		.000 ND				.025	AF					
7	.000 ND			.030	.022							
8			.000 ND									
9												
10									AF			
11								.026				
12		.000 ND				.027	AM					
13	.000 ND			.029	.024							
14			.000 ND									
15												
16									.029			
17								.027				
18		.000 ND				AM	.026					
19	.000 ND			.027	.023							
20			AF									
21												
22									.029			
23								.027				
24		.000 ND				.026	FI					
25	.000 ND			.028	.024							
26			.000 ND									
27												
28									.029			
29								.029				
30						AM	.025					
31	.000 ND				.024							
NO.:	6	4	4	5	6	3	2	5	4	0	0	0
MAX:	0.000	0.000	0.000	.030	.027	.027	.026	.029	.029			
MEAN:	0.0000	0.0000	0.0000	.0278	.0240	.0260	.0255	.0264	.0288			
ANNUAL OBSERVATIONS:		39		ANNUAL MEAN:	.0169		ANNUAL MAX:	.030				

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12128) Lead (TSP) STP

SITE ID: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7439-92-1
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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									.0000 ND	.0000 ND		
2								AF				
3		.0000 ND				.0000 ND	AF					
4	.0000 ND			.0000 ND	.0000 ND							
5			.0140 5									
6											.0000 ND	.0000 ND
7									.0000 ND	.0000 ND		
8								.0000 ND				
9		.0060				.0051	.0000 ND					
10	.0000 ND			.0059	.0000 ND							
11			.0000 ND								.0000 ND	.0000 ND
12											.0000 ND	.0000 ND
13									.0000 ND	.0075		
14								.0000 ND				
15		.0078				.0000 ND	.0000 ND					
16	.0000 ND			.0000 ND	.0052							
17			.0000 ND									
18											AF	.0076
19									.0000 ND	.0078		
20								.0000 ND				
21		.0000 ND				.0000 ND	.0000 ND					
22	.0000 ND			.0000 ND	.0000 ND							
23			.0000 ND									
24											AF	.0000 ND
25									AF	.0000 ND		
26								.0000 ND				
27		.0000 ND				.0079	.0056					
28	.0000 ND			.0000 ND	.0000 ND							
29			.0000 ND									
30											.0000 ND	.0000 ND
31										.0000 ND		
NO.:	5	5	5	5	5	5	4	4	4	6	3	5
MAX:	0.0000	.0078	.0140	.0059	.0052	.0079	.0056	0.0000	0.0000	.0078	0.0000	.0076
MEAN:	0.00000	.00276	.00280	.00118	.00104	.00260	.00140	0.00000	0.00000	.00255	0.00000	.00152
ANNUAL OBSERVATIONS:	56		ANNUAL MEAN:	.00144	ANNUAL MAX:	.0140						

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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7439-92-1
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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	AF
2									.0000 ND	.0000 ND		
3								.0000 ND				
4		AF				AF	AF					
5	.0062			AF	.0000 ND							
6			AF									
7											.0000 ND	.0000 ND
8									.0000 ND	.0000 ND		
9								.0000 ND				
10		.0000 ND				AF	AF					
11	.0051			.0074	AF							
12			AF								.0000 ND	.0000 ND
13												
14									.0000 ND	.0000 ND		
15								.0000 ND				
16		AF				AF	.0000 ND					
17	AF			.0000 ND	AF							
18			AF									
19											.0000 ND	.0000 ND
20									.0000 ND	.0000 ND		
21								.0000 ND				
22		AF				AF	.0000 ND					
23	.0050			.0000 ND	.0000 ND							
24			AF									
25											AF	.0000 ND
26								.0000 ND		AF		
27									.0000 ND			
28		AF				AF	.0000 ND					
29	.0000 ND			.0104	.0000 ND							
30			AF									
31												.0000 ND
NO.:	4	1	0	4	3	0	3	5	5	4	4	5
MAX:	.0062	0.0000		.0104	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
MEAN:	.00408	0.00000		.00445	0.00000		0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
ANNUAL OBSERVATIONS:	38			ANNUAL MEAN:	.00090		ANNUAL MAX:	.0104				

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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7439-92-1
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.0055									
2											.0000 ND	.0000 ND
3									.0000 ND	.0910 5		
4								.0000 ND				
5		.0000 ND				.0136 5	.0000 ND					
6	AF			.0000 ND	.0000 ND							
7			.0000 ND								.0000 ND	.0065
8												
9									.0000 ND	AF		
10								.0000 ND				
11		.0000 ND				.0000 ND	.0081					
12	AF			.0000 ND	.0052							
13			.0000 ND								.0000 ND	.0145 5
14									.0000 ND	AF		
15								.0000 ND				
16		.0000 ND				.0000 ND	.0000 ND					
17												
18	AF			.0000 ND	.0054							
19			.0000 ND								.0000 ND	.0000 ND
20												
21									.0000 ND	.0052		
22								.0000 ND				
23		.0000 ND				.0000 ND	.0000 ND					
24	.0000 ND			.0000 ND	.0051							
25			.0052									
26											.0000 ND	AF
27									.0000 ND	.0000 ND		
28								.0000 ND				
29						.0000 ND	.0000 ND					
30	.0000 ND			.0000 ND	.0000 ND							
31			.0000 ND									
NO.:	2	4	6	5	5	5	5	5	5	3	5	4
MAX:	0.0000	0.0000	.0055	0.0000	.0054	.0136	.0081	0.0000	0.0000	.0910	0.0000	.0145
MEAN:	0.00000	0.00000	.00178	0.00000	.00314	.00272	.00162	0.00000	0.00000	.03207	0.00000	.00525
ANNUAL OBSERVATIONS:	54		ANNUAL MEAN:	.00306		ANNUAL MAX:	.0910					

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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7439-92-1
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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	FI		.0000 ND									
2												
3									.0000 ND	.0000 ND	.0000 ND	.0000 ND
4								.0000 ND				
5						AF	.0000 ND					
6		.0000 ND		.0000 ND	AF							
7	.0000 ND		.0000 ND									
8											.0000 ND	.0000 ND
9									.0000 ND	.0000 ND		
10								.0000 ND				
11						.0000 ND	.0000 ND					
12		.0000 ND		.0000 ND	AF							
13	.0000 ND		.0000 ND								.0000 ND	.0000 ND
14									.0000 ND	.0314 5		
15								.0000 ND				
16						.0000 ND	.0000 ND					
17												
18		.0000 ND		.0000 ND	AF							
19	.0000 ND		.0000 ND								.0000 ND	AM
20												
21									.0000 ND	.0000 ND		
22								.0000 ND				
23						.0271 5	.0000 ND					
24		.0000 ND		.0000 ND	AF							
25	.0102		.0000 ND									
26											.0000 ND	.0000 ND
27									.0000 ND	.0000 ND		
28								.0000 ND				
29						.0000 ND	.0000 ND					
30				AV	AF							
31	.0000 ND		.0000 ND									
NO.:	5	4	6	4	0	4	5	5	5	5	5	4
MAX:	.0102	0.0000	0.0000	0.0000		.0271	0.0000	0.0000	0.0000	.0314	0.0000	0.0000
MEAN:	.00204	0.00000	0.00000	0.00000		.00678	0.00000	0.00000	0.00000	.00628	0.00000	0.00000
ANNUAL OBSERVATIONS:		52		ANNUAL MEAN:		.00132		ANNUAL MAX:		.0314		

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

(12128) Lead (TSP) STP

SITE ID: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7439-92-1
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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:

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									.0029			
5								.0020				
6		.0000 ND				.0012	AF					
7	.0049			.0000 ND	.0000 ND							
8			.0000 ND									
9												
10									AF			
11								.0031				
12		.0000 ND				.0021	AM					
13	.0000 ND			.0000 ND	.0000 ND							
14			.0000 ND									
15												
16									.0036			
17								.0044				
18		.0057				AM	.0026					
19	.0000 ND			.0000 ND	.0000 ND							
20			AF									
21												
22									.0029			
23								.0021				
24		.0000 ND				.0000 ND	FI					
25	.0000 ND			.0000 ND	.0009							
26			.0000 ND									
27												
28									.0040			
29								.0028				
30						AM	.0031					
31	.0000 ND				.0009							
NO.:	6	4	4	5	6	3	2	5	4	0	0	0
MAX:	.0049	.0057	0.0000	0.0000	.0009	.0021	.0031	.0044	.0040			
MEAN:	.00082	.00143	0.00000	0.00000	.00030	.00110	.00285	.00288	.00335			
ANNUAL OBSERVATIONS:		39		ANNUAL MEAN:	.00126	ANNUAL MAX:	.0057					

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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7439-96-5
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 PROBE HEIGHT: 3

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

REPORT FOR: 2013

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.003	.008		
2								AF				
3		.003				.006	AF					
4	.005			.008	.007							
5			.006									
6											.006	.002
7									.007	.007		
8								.010				
9		.003				.005	.009					
10	.005			.018 5	.009							
11			.002								.006	.005
12												
13									.004	.011		
14								.004				
15		.019 5				.005	.007					
16	.004			.007	.022 5							
17			.002									
18											AF	.004
19									.008	.005		
20								.007				
21		.003				.014 5	.006					
22	.007			.005	.014 5							
23			.002									
24											AF	.002
25									AF	.006		
26								.009				
27		.002				.012	.005					
28	.004			.013 5	.007							
29			.004									
30											.003	.003
31										.007		
NO.:	5	5	5	5	5	5	4	4	4	6	3	5
MAX:	.007	.019	.006	.018	.022	.014	.009	.010	.008	.011	.006	.005
MEAN:	.0050	.0060	.0032	.0102	.0118	.0084	.0068	.0075	.0055	.0073	.0050	.0032
ANNUAL OBSERVATIONS:	56		ANNUAL MEAN:		.0067		ANNUAL MAX:		.022			

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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7439-96-5
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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											.006	AF
2									.009	.007		
3								.002				
4		AF				AF	AF					
5	.004			AF	.012							
6			AF									
7											.005	.002
8									.006	.005		
9								.004				
10		.003				AF	AF					
11	.006			.016 5	AF							
12			AF									
13											.005	.002
14									.002	.002		
15								.004				
16		AF				AF	.005					
17	AF			.005	AF							
18			AF									
19											.007	.003
20									.004	.007		
21								.006				
22		AF				AF	.004					
23	.005			.006	.005							
24			AF									
25											AF	.001
26								.005	AF			
27								.010				
28		AF				AF	.003					
29	.006			.030 5	.004							
30			AF									
31												.005
NO.:	4	1	0	4	3	0	3	5	5	4	4	5
MAX:	.006	.003		.030	.012		.005	.010	.009	.007	.007	.005
MEAN:	.0053	.0030		.0143	.0070		.0040	.0052	.0052	.0053	.0058	.0026
ANNUAL OBSERVATIONS:	38			ANNUAL MEAN:	.0059		ANNUAL MAX:	.030				

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

(12132) Manganese (TSP) STP

SITE ID: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7439-96-5
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.005									
2											.009	.002
3									.014 5	.002		
4								.006				
5		.005				.005	.003					
6	AF			.009	.014 5							
7			.008									
8											.003	.008
9									.011	AF		
10								.004				
11		.005				.013	.004					
12	AF			.007	.022 5							
13			.006								.004	.005
14									.008	AF		
15								.005				
16												
17		.003				.005	.004					
18	AF			.008	.008							
19			.006									
20											.006	.004
21									.010	.012		
22								.004				
23		.004				.013	.006					
24	.002			.003	.007							
25			.007									
26											.004	AF
27									.005	.003		
28								.008				
29						.004	.008					
30	.004			.013 5	.006							
31			.005									
NO.:	2	4	6	5	5	5	5	5	5	3	5	4
MAX:	.004	.005	.008	.013	.022	.013	.008	.008	.014	.012	.009	.008
MEAN:	.0030	.0043	.0062	.0080	.0114	.0080	.0050	.0054	.0096	.0057	.0052	.0048
ANNUAL OBSERVATIONS:		54		ANNUAL MEAN:	.0066	ANNUAL MAX:	.022					

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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7439-96-5
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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	FI		.005									
2												
3									.007	.003	.009	.003
4								.004				
5						AF	.003					
6		.003		.005	AF							
7	.007		.008									
8											.010	.007
9									.011	.005		
10								.009				
11						.014	.004					
12		.004		.004	AF							
13	.005		.005								.013	.006
14									.009	.010		
15								.006				
16						.006	.005					
17		.004		.010	AF							
18	.005		.003						.007	.005	.005	AM
19												
20												
21									.003			
22						.012	.008					
23		.001		.005	AF							
24	.008		.006									
25											.003	.005
26								.004	.010			
27								.006				
28						.005	.005					
29				AV	AF							
30			.007									
31	.003											
NO.:	5	4	6	4	0	4	5	5	5	5	5	4
MAX:	.008	.004	.008	.010		.014	.008	.009	.011	.010	.013	.007
MEAN:	.0056	.0030	.0057	.0060		.0093	.0050	.0056	.0076	.0066	.0080	.0053
ANNUAL OBSERVATIONS:	52		ANNUAL MEAN:	.0062		ANNUAL MAX:	.014					

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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7439-96-5
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.004			.001	.009							
2			.004									
3												
4									.011			
5								.004				
6		.009				.003	AF					
7	.004			.002	.003							
8			.006									
9												
10									AF			
11								.008				
12		.004				.014	AM					
13	.005			.007	.002							
14			.001									
15												
16									.019 5			
17								.016 5				
18		.009				AM	.008					
19	.006			.004	.008							
20			AF									
21												
22									.047 5			
23								.021 5				
24		.006				.005	FI					
25	.005			.002	.000 ND							
26			.002									
27												
28									.051 5			
29								.015 5				
30						AM	.006					
31	.008				.003							
NO.:	6	4	4	5	6	3	2	5	4	0	0	0
MAX:	.008	.009	.006	.007	.009	.014	.008	.021	.051			
MEAN:	.0053	.0070	.0033	.0032	.0042	.0073	.0070	.0128	.0320			
ANNUAL OBSERVATIONS:		39		ANNUAL MEAN:	.0088	ANNUAL MAX:	.051					

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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-02-0
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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								AF				
3		.000 ND				.000 ND	AF					
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	.008 5
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											AF	.000 ND
19									.000 ND	.000 ND		
20								.000 ND				
21		.000 ND				.000 ND	.000 ND					
22	.000 ND			.000 ND	.000 ND							
23			.000 ND									
24											AF	.000 ND
25									AF	.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										.000 ND		
NO.:	5	5	5	5	5	5	4	4	4	6	3	5
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	.008
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.0016
ANNUAL OBSERVATIONS:	56		ANNUAL MEAN:		.0001		ANNUAL MAX:		.008			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-02-0
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.000 ND	AF
2									.000 ND	.000 ND		
3								.000 ND				
4		AF				AF	AF					
5	.000 ND			AF	.000 ND							
6			AF									
7											.000 ND	.000 ND
8									.000 ND	.000 ND		
9								.000 ND				
10		.000 ND				AF	AF					
11	.000 ND			.000 ND	AF							
12			AF								.000 ND	.000 ND
13									.000 ND	.000 ND		
14								.000 ND				
15									.000 ND			
16		AF				AF	.000 ND					
17	AF			.000 ND	AF							
18			AF									
19											.000 ND	.000 ND
20									.000 ND	.000 ND		
21								.000 ND				
22		AF				AF	.000 ND					
23	.000 ND			.000 ND	.000 ND							
24			AF									
25											AF	.000 ND
26								.000 ND		AF		
27									.000 ND			
28		AF				AF	.000 ND					
29	.000 ND			.000 ND	.000 ND							
30			AF									
31												.000 ND
NO.:	4	1	0	4	3	0	3	5	5	4	4	5
MAX:	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
ANNUAL OBSERVATIONS:	38		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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-02-0
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.000 ND									
2											.000 ND	.000 ND
3									.000 ND	.000 ND		
4								.000 ND				
5		.000 ND				.000 ND	.000 ND					
6	AF			.000 ND	.000 ND							
7			.000 ND								.000 ND	.000 ND
8												
9									.000 ND	AF		
10								.000 ND				
11		.000 ND				.000 ND	.000 ND					
12	AF			.000 ND	.000 ND							
13			.000 ND								.000 ND	.000 ND
14									.000 ND	AF		
15								.000 ND				
16												
17		.000 ND				.000 ND	.000 ND					
18	AF			.000 ND	.000 ND							
19			.000 ND								.000 ND	.000 ND
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											.000 ND	AF
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30	.000 ND			.000 ND	.000 ND							
31			.000 ND									
NO.:	2	4	6	5	5	5	5	5	5	3	5	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:	54		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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-02-0
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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	FI		.000 ND									
2												
3									.000 ND	.000 ND	.000 ND	.000 ND
4								.000 ND				
5						AF	.000 ND					
6		.000 ND		.000 ND	AF							
7	.000 ND		.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11						.000 ND	.000 ND					
12		.000 ND		.000 ND	AF							
13	.000 ND		.000 ND								.000 ND	.000 ND
14												
15									.000 ND	.000 ND		
16								.000 ND				
17						.000 ND	.000 ND					
18		.000 ND		.000 ND	AF							
19	.000 ND		.000 ND								.000 ND	AM
20												
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		.000 ND	AF							
25	.000 ND		.000 ND									
26											.000 ND	.000 ND
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30				AV	AF							
31	.000 ND		.000 ND									
NO.:	5	4	6	4	0	4	5	5	5	5	5	4
MAX:	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
ANNUAL OBSERVATIONS:	52		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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-02-0
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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:

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									.003			
5								.000 ND				
6		.000 ND				.000 ND	AF					
7	.000 ND			.000 ND	.000 ND							
8			.000 ND									
9												
10									AF			
11								.000 ND				
12		.000 ND				.000 ND	AM					
13	.000 ND			.000 ND	.000 ND							
14			.000 ND									
15												
16									.000 ND			
17								.000 ND				
18		.000 ND				AM	.000 ND					
19	.000 ND			.000 ND	.000 ND							
20			AF									
21												
22									.002			
23								.000 ND				
24		.000 ND				.000 ND	FI					
25	.000 ND			.000 ND	.000 ND							
26			.000 ND									
27												
28									.003			
29								.000 ND				
30						AM	.000 ND					
31	.000 ND				.000 ND							
NO.:	6	4	4	5	6	3	2	5	4	0	0	0
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	.003			
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.0020			
ANNUAL OBSERVATIONS:		39		ANNUAL MEAN:	.0002	ANNUAL MAX:	.003					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-66-6
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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									.015	.022		
2								AF				
3		.026				.015	AF					
4	.021			.027	.019							
5			.027									
6											.024	.019
7									.021	.021		
8								.380 5				
9		.030				.025	.028					
10	.128			.029	.041							
11			.010								.015	.023
12												
13									.024	.037		
14								.013				
15		.041				.018	.015					
16	.021			.049 5	.031							
17			.016									
18											AF	.032
19									.016	.017		
20								.020				
21		.018				.024	.019					
22	.023			.018	.026							
23			.017									
24											AF	.020
25									AF	.021		
26								.019				
27		.015				.034	.034					
28	.027			.024	.021							
29			.018									
30											.020	.017
31										.026		
NO.:	5	5	5	5	5	5	4	4	4	6	3	5
MAX:	.128	.041	.027	.049	.041	.034	.034	.380	.024	.037	.024	.032
MEAN:	.0440	.0260	.0176	.0294	.0276	.0232	.0240	.1080	.0190	.0240	.0197	.0222
ANNUAL OBSERVATIONS:		56		ANNUAL MEAN:	.0314	ANNUAL MAX:	.380					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-66-6
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.022	AF
2									.018	.027		
3								.013				
4		AF				AF	AF					
5	.039			AF	.027							
6			AF									
7											.025	.011
8									.021	.015		
9								.021				
10		.017				AF	AF					
11	.046 5			.053 5	AF							
12			AF								.016	.013
13									.015	.012		
14								.017				
15		AF				AF	.015					
16	AF			.021	AF							
17			AF								.019	.018
18									.022	.022		
19								.027				
20		AF				AF	.015					
21	.037			.017	.018							
22			AF									
23									.018	AF		.013
24								.023				
25		AF				AF	.013					
26	.032			.058 5	.022							
27			AF									.024
28												
29												
30												
31												
NO.:	4	1	0	4	3	0	3	5	5	4	4	5
MAX:	.046	.017		.058	.027		.015	.027	.022	.027	.025	.024
MEAN:	.0385	.0170		.0373	.0223		.0143	.0202	.0188	.0190	.0205	.0158
ANNUAL OBSERVATIONS:	38			ANNUAL MEAN:	.0227		ANNUAL MAX:	.058				

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-66-6
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.056 5									
2											.024	.018
3									.026	.006		
4								.013				
5		.021				.130 5	.021					
6	AF			.045 5	.028							
7			.020								.021	.034
8												
9									.031	AF		
10								.016				
11		.025				.027	.021					
12	AF			.015	.028							
13			.020								.012	.023
14									.035	AF		
15								.017				
16												
17		.022				.033	.016					
18	AF			.015	.024							
19			.019									
20											.019	.024
21									.028	.037		
22								.017				
23		.057 5				.028	.014					
24	.015			.013	.020							
25			.041									
26											.020	AF
27									.015	.015		
28								.022				
29						.018	.026					
30	.023			.024	.020							
31			.020									
NO.:	2	4	6	5	5	5	5	5	5	3	5	4
MAX:	.023	.057	.056	.045	.028	.130	.026	.022	.035	.037	.024	.034
MEAN:	.0190	.0313	.0293	.0224	.0240	.0472	.0196	.0170	.0270	.0193	.0192	.0248
ANNUAL OBSERVATIONS:		54		ANNUAL MEAN:	.0255	ANNUAL MAX:	.130					

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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-66-6
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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	FI		.020									
2											.028	.014
3									.028	.014		
4								.011				
5						AF	.011					
6		.017		.024	AF							
7	.036		.026								.023	.026
8												
9									.019	.013		
10								.017				
11						.023	.012					
12		.014		.021	AF							
13	.015		.022								.031	.026
14									.017	.044 5		
15								.017				
16						.017	.014					
17		.023		.020	AF						.008	AM
18	.013		.014						.027	.035		
19								.010				
20						.035	.018					
21		.008		.019	AF							
22	.142 5		.022								.013	.037
23								.026	.017			
24								.011				
25						.028	.013					
26				AV	AF							
27	.015		.021									
28												
29												
30												
31												
NO.:	5	4	6	4	0	4	5	5	5	5	5	4
MAX:	.142	.023	.026	.024		.035	.018	.017	.028	.044	.031	.037
MEAN:	.0442	.0155	.0208	.0210		.0258	.0136	.0132	.0234	.0246	.0206	.0258
ANNUAL OBSERVATIONS:		52		ANNUAL MEAN:	.0226		ANNUAL MAX:	.142				

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: 42-045-0003 POC: 2
 COUNTY: (045) Delaware
 CITY: (75648) Swarthmore
 SITE ADDRESS: Swarthmore College, Hicks Hall, 500 College Ave., Swarthmore, PA
 SITE COMMENTS: Toxic Site
 MONITOR COMMENTS:

STATE: (42) Pennsylvania
 AQCR: (045) METROPOLITAN PHILADELPHIA
 URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 7440-66-6
 LATITUDE: 39.8969
 LONGITUDE: -75.3539
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 20
 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: 2017

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	.015			.000 ND	.035							
2			.016									
3												
4									.034			
5								.013				
6		.022				.000 ND	AF					
7	.022			.007	.006							
8			.013									
9												
10									AF			
11								.021				
12		.019				.000 ND	AM					
13	.014			.019	.008							
14			.009									
15												
16									.032			
17								.026				
18		.032				AM	.020					
19	.017			.011	.012							
20			AF									
21												
22									.030			
23								.014				
24		.017				.000 ND	FI					
25	.025			.006	.000 ND							
26			.009									
27												
28									.040			
29								.031				
30						AM	.020					
31	.028				.000 ND							
NO.:	6	4	4	5	6	3	2	5	4	0	0	0
MAX:	.028	.032	.016	.019	.035	0.000	.020	.031	.040			
MEAN:	.0202	.0225	.0118	.0086	.0102	0.0000	.0200	.0210	.0340			
ANNUAL OBSERVATIONS:		39		ANNUAL MEAN:	.0165	ANNUAL MAX:	.040					

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

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
5	Outlier.	QA
AF	Scheduled but not Collected.	NULL
AM	Miscellaneous Void.	NULL
AV	Power Failure.	NULL
FI	Filter Inspection Flag.	NULL
ND	No Value Detected, Zero Reported.	QA

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