

User ID: XCMROBBINS

RAW DATA REPORT

Report Request ID: 1760309

Report Code: AMP350

Jul. 3, 2019

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	42	045	0002		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. 3, 2019

(12103) Arsenic (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-38-2
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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									AF	AF		
2								AF				
3						AF	.000 ND					
4				.001	.000 ND							
5			.000 ND									
6											.000 ND	.000 ND
7									AF	.000 ND		
8								.001				
9		.000 ND				AF	AF					
10				.002	.001							
11			.000 ND								.000 ND	AF
12												
13									.000 ND	.000 ND		
14								AF				
15		.001				AF	AF					
16				.000 ND	.001							
17			.000 ND									
18											.004 5	.000 ND
19									.001	.001		
20								.002				
21		.000 ND				.000 ND	.002					
22				.000 ND	AF							
23			.001									
24											.000 ND	.000 ND
25									AF	.001		
26								.001				
27		.000 ND				.000 ND	.000 ND					
28				.002 5	AF							
29			.001									
30											.000 ND	.001
31										.001		
NO.:	0	4	5	5	3	2	3	3	2	5	5	4
MAX:		.001	.001	.002	.001	0.000	.002	.002	.001	.001	.004	.001
MEAN:		.0003	.0004	.0010	.0007	0.0000	.0007	.0013	.0005	.0006	.0008	.0003
ANNUAL OBSERVATIONS:		41		ANNUAL MEAN:	.0006	ANNUAL MAX:	.004					

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 AIR QUALITY SYSTEM
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Jul. 3, 2019

(12103) Arsenic (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
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 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-38-2
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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											.001	.001
2									.001	.002		
3								.001				
4		AF				.001	.001					
5	.002			.001	.000 ND							
6			.000 ND									
7											.000 ND	.001
8									AF	.000 ND		
9								.000 ND				
10		AF				.001	.001					
11	AF			.001	.002							
12			.001									
13											.000 ND	.001
14									.005 5	.000 ND		
15								.002				
16		.001				.001	.000 ND					
17	AF			AF	AF							
18			AF									
19											.000 ND	.001
20									.000 ND	.001		
21								.001				
22		.001				.001	.000 ND					
23	AF			AM	.001							
24			AF									
25											.001	.000 ND
26									.001	.001		
27								.001				
28		.000 ND				.000 ND	.000 ND					
29	AF			AF	.000 ND							
30			.000 ND									
31												.001
NO.:	1	3	3	2	4	5	5	5	4	5	5	6
MAX:	.002	.001	.001	.001	.002	.001	.001	.002	.005	.002	.001	.001
MEAN:	.0020	.0007	.0003	.0010	.0008	.0008	.0004	.0010	.0018	.0008	.0004	.0008
ANNUAL OBSERVATIONS:		48		ANNUAL MEAN:	.0008	ANNUAL MAX:	.005					

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

CAS NUMBER: 7440-38-2
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 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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												
3									.001	.000 ND	AF	.000 ND
4								AF				
5		.000 ND				.000 ND	.001					
6	.001			.001	.001							
7			.000 ND									
8											.000 ND	.001
9									.000 ND	.001		
10								.000 ND				
11		.000 ND				.001	.000 ND					
12	.001			.002	.001							
13			.000 ND								.000 ND	.001
14									.002	.000 ND		
15								.002				
16		.001				.000 ND	.000 ND					
17				.002	.002							
18	.001											
19			.000 ND								.000 ND	.000 ND
20												
21									.000 ND	.001		
22								.000 ND				
23		.000 ND				.000 ND	.001					
24	.001			.000 ND	.001							
25			.000 ND									
26											.001	.000 ND
27									.000 ND	.000 ND		
28								.002				
29						.000 ND	.001					
30	.000 ND			.000 ND	.000 ND							
31			.000 ND									
NO.:	5	4	6	5	5	5	5	4	5	5	4	5
MAX:	.001	.001	0.000	.002	.002	.001	.001	.002	.002	.001	.001	.001
MEAN:	.0008	.0003	0.0000	.0010	.0010	.0002	.0006	.0010	.0006	.0004	.0003	.0004
ANNUAL OBSERVATIONS:		58		ANNUAL MEAN:	.0005	ANNUAL MAX:	.002					

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 MONITOR COMMENTS:

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

CAS NUMBER: 7440-38-2
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 LONGITUDE: -75.3725
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 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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									.003 5	.001	.001	.000 ND
4								.000 ND				
5						.000 ND	.000 ND					
6		.000 ND		.000 ND	.000 ND							
7	.001		.001									
8											.001	.001
9									.000 ND	.001		
10								.000 ND				
11						.002	.000 ND					
12		AV		.000 ND	.001							
13	.000 ND		.001								.002 5	.000 ND
14												
15									.000 ND	.000 ND		
16								.000 ND				
17						.000 ND	.000 ND					
18		FI		.000 ND	.000 ND							
19	.000 ND		.000 ND								.000 ND	.000 ND
20												
21									.001	.001		
22								.000 ND				
23						.000 ND	.001					
24		.000 ND		.000 ND	.001							
25	.000 ND		.000 ND									
26											.001	.000 ND
27									.000 ND	.001		
28								.000 ND				
29						.000 ND	.000 ND					
30				.000 ND	.000 ND							
31	.001		.000 ND									
NO.:	6	2	6	5	5	5	5	5	5	5	5	5
MAX:	.001	0.000	.001	0.000	.001	.002	.001	0.000	.003	.001	.002	.001
MEAN:	.0003	0.0000	.0003	0.0000	.0004	.0004	.0002	0.0000	.0008	.0008	.0010	.0002
ANNUAL OBSERVATIONS:	59		ANNUAL MEAN:	.0004		ANNUAL MAX:	.003					

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Jul. 3, 2019

(12103) Arsenic (TSP) STP

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 COUNTY: (045) Delaware
 CITY: (13208) Chester
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 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-38-2
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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	.001							
8			.000 ND									
9												
10												
11												
12		.000 ND				.000 ND				.000 ND		
13	.000 ND			.000 ND	.000 ND							
14			.000 ND									
15												
16												
17												
18		.003 5				.000 ND				.000 ND		
19	.000 ND			.000 ND	.001							
20			.000 ND									
21												
22												
23												
24		.000 ND				.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	.003	0.000	0.000	.001	0.000						
MEAN:	0.0000	.0010	0.0000	0.0000	.0003	0.0000						
ANNUAL OBSERVATIONS:		31		ANNUAL MEAN:	.0002	ANNUAL MAX:	.003					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 3, 2019

(12105) Beryllium (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-41-7
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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									AF	AF		
2								AF				
3						AF	.000 ND					
4				.000 ND	.000 ND							
5			.000 ND									
6											.000 ND	.000 ND
7									AF	.000 ND		
8								.000 ND				
9	.000 ND					AF	AF					
10				.000 ND	.000 ND							
11			.000 ND								.000 ND	AF
12												
13									.000 ND	.000 ND		
14								AF				
15	.000 ND					AF	AF					
16				.000 ND	.000 ND							
17			.000 ND									
18											1.253	.000 ND
19									.000 ND	.000 ND		
20								.000 ND				
21	.000 ND					.000 ND	.000 ND					
22				.000 ND	AF							
23			.000 ND									
24											.000 ND	.000 ND
25									AF	.000 ND		
26								.000 ND				
27	.000 ND					.000 ND	.000 ND					
28				.000 ND	AF							
29			.000 ND									
30											.000 ND	.000 ND
31										.000 ND		
NO.:	0	4	5	5	3	2	3	3	2	5	5	4
MAX:		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.253	0.000
MEAN:		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.2506	0.0000
ANNUAL OBSERVATIONS:		41		ANNUAL MEAN:	.0306		ANNUAL MAX:	1.253				

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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(12105) Beryllium (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-41-7
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 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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		AF				.000 ND	.000 ND					
5	.000 ND			.000 ND	.000 ND							
6			.000 ND									
7											.000 ND	.000 ND
8									AF	.000 ND		
9								.000 ND				
10		AF				.000 ND	.000 ND					
11	AF			.000 ND	.000 ND							
12			.000 ND								.000 ND	.000 ND
13												
14									.000 ND	.000 ND		
15								.000 ND				
16		.000 ND				.000 ND	.000 ND					
17	AF			AF	AF							
18			AF									
19											.000 ND	.000 ND
20									.000 ND	.000 ND		
21								.000 ND				
22		.000 ND				.000 ND	.000 ND					
23	AF			AM	.000 ND							
24			AF								.000 ND	.000 ND
25												
26									.000 ND	.000 ND		
27								.000 ND				
28		.000 ND				.000 ND	.000 ND					
29	AF			AF	.000 ND							
30			.000 ND									
31												.000 ND
NO.:	1	3	3	2	4	5	5	5	4	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:	48		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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 UTM EASTING:
 ELEVATION-MSL: 3
 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	AF	.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									.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									
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	.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	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:	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
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Jul. 3, 2019

(12105) Beryllium (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-41-7
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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	.000 ND					
12		AV		.000 ND	.000 ND							
13	.000 ND		.000 ND								.000 ND	.000 ND
14												
15									.000 ND	.000 ND		
16								.000 ND				
17						.000 ND	.000 ND					
18		FI		.000 ND	.000 ND							
19	.000 ND		.000 ND								.000 ND	.000 ND
20												
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		.000 ND	.000 ND							
25	.000 ND		.000 ND									
26											.000 ND	.000 ND
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	2	6	5	5	5	5	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:	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
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Jul. 3, 2019

(12105) Beryllium (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-41-7
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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				.000 ND		
19	.000 ND			.000 ND	.000 ND							
20			.000 ND									
21												
22												
23												
24		.000 ND				.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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(12110) Cadmium (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-43-9
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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									AF	AF		
2								AF				
3						AF	.000 ND					
4				.000 ND	.000 ND							
5			.000									
6											.002 5	.000 ND
7									AF	.000		
8								.000 ND				
9	.001 5					AF	AF					
10				.001 5	.001							
11			.000 ND								.000	AF
12												
13									.000	.000 ND		
14								AF				
15	.000					AF	AF					
16				.000 ND	.001							
17			.000 ND									
18											.000 ND	.000
19									.000 ND	.001		
20								.001				
21	.001					.000 ND	.000					
22			.001	.000	AF							
23			.001									
24											.001	.000
25									AF	.000		
26								.000 ND				
27	.000 ND					.000	.000 ND					
28				.000	AF							
29			.000									
30											.000 ND	.001
31										.001		
NO.:	0	4	5	5	3	2	3	3	2	5	5	4
MAX:		.001	.001	.001	.001	0.000	0.000	.001	0.000	.001	.002	.001
MEAN:		.0005	.0002	.0002	.0007	0.0000	0.0000	.0003	0.0000	.0004	.0006	.0003
ANNUAL OBSERVATIONS:		41		ANNUAL MEAN:	.0003		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
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Jul. 3, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-43-9
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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	.000
2									.000	.000 ND		
3								.000 ND				
4		AF				.000 ND	.001					
5	.001 5			.001	.000 ND							
6			.000 ND									
7											.000	.000 ND
8									AF	.000 ND		
9								.000 ND				
10		AF				.000 ND	.000					
11	AF			.000	.000 ND							
12			.001 5								.000 ND	.000
13									.001	.000 ND		
14								.000 ND				
15		.000				.000 ND	.000 ND					
16	AF			AF	AF							
17			AF								.000	.000 ND
18									.000	.000 ND		
19												
20									.000	.000 ND		
21								.000				
22		.000				.000 ND	.000 ND					
23	AF			AM	.001							
24			AF								.000	.000 ND
25												
26									.000	.001		
27								.000 ND				
28		.000				.000 ND	.000 ND					
29	AF			AF	.000 ND							
30			.000 ND									
31												.000
NO.:	1	3	3	2	4	5	5	5	4	5	5	6
MAX:	.001	0.000	.001	.001	.001	0.000	.001	0.000	.001	.001	0.000	0.000
MEAN:	.0010	0.0000	.0003	.0005	.0003	0.0000	.0002	0.0000	.0003	.0002	0.0000	0.0000
ANNUAL OBSERVATIONS:	48		ANNUAL MEAN:	.0001		ANNUAL MAX:	.001					

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Jul. 3, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-43-9
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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											AF	.000 ND
3									.000	.000 ND		
4								AF				
5		.000 ND				.000 ND	.000 ND					
6	.000			.001	.000							
7			.000									
8											.000 ND	.000
9									.000 ND	.000		
10								.000 ND				
11		.000 ND				.000 ND	.000 ND					
12	.000			.000 ND	.000 ND							
13			.000 ND								.000 ND	.000
14									.000	.000 ND		
15								.000 ND				
16									.000 ND			
17		.000				.000 ND	.000 ND					
18	.000 ND			.001	.000 ND							
19			.000 ND									
20											.000 ND	.000 ND
21									.000	.000 ND		
22								.000 ND				
23		.000				.001 5	.000					
24	.000			.000 ND	.000 ND							
25			.000 ND									
26											.000	.000 ND
27									.000	.000		
28								.000 ND				
29						.000 ND	.000 ND					
30	.000			.000	.000							
31			.000 ND									
NO.:	5	4	6	5	5	5	5	4	5	5	4	5
MAX:	0.000	0.000	0.000	.001	0.000	.001	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	.0004	0.0000	.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	58		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. 3, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-43-9
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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	.000 ND	.000 ND	.000 ND
4								.000 ND				
5						.000	.000 ND					
6		.000 ND		.000 ND	.000 ND							
7	.000 ND		.000 ND									
8											.000 ND	.000
9									.000 ND	.000 ND		
10								.000 ND				
11						.000	.000 ND					
12		AV		.000 ND	.000 ND							
13	.000 ND		.000								.001 5	.000
14									.000 ND	.000 ND		
15								.000 ND				
16						.000 ND	.000 ND					
17												
18		FI		.000 ND	.000 ND							
19	.000		.000 ND								.000 ND	.000
20												
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		.000 ND	.000 ND							
25	.001 5		.000									
26											.000	.001
27									.000 ND	.000 ND		
28								.000 ND				
29						.000	.000 ND					
30				.000 ND	.000 ND							
31	.000 ND		.000									
NO.:	6	2	6	5	5	5	5	5	5	5	5	5
MAX:	.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	.001	.001
MEAN:	.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.0002	.0002
ANNUAL OBSERVATIONS:	59		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. 3, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-43-9
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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	.001			.000 ND	.000 ND							
2			.000 ND									
3												
4												
5												
6		.000 ND				.000 ND						
7	.000			.000 ND	.000 ND							
8			.000 ND									
9												
10												
11												
12		.000 ND				.000 ND						
13	.000 ND			.000 ND	.000 ND							
14			.000									
15												
16												
17												
18		.000				.000 ND				.000 ND		
19	.001 5			.000 ND	.000 ND							
20			.000									
21												
22												
23												
24		.000 ND				.000 ND				.000 ND		
25	.000			.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:	.001	0.000	0.000	0.000	0.000	0.000	0.000					
MEAN:	.0003	0.0000	0.0000	0.0000	0.0000	0.0000						
ANNUAL OBSERVATIONS:		31		ANNUAL MEAN:	.0001	ANNUAL MAX:	.001					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 3, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-47-3
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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									AF	AF		
2								AF				
3						AF	.000 ND					
4				.000 ND	.000 ND							
5			.000 ND									
6											.000 ND	.000 ND
7									AF	.000 ND		
8								.000 ND				
9	.000 ND					AF	AF					
10				.000 ND	.000 ND							
11			.000 ND								.000 ND	AF
12												
13									.000 ND	.000 ND		
14								AF				
15	.000 ND					AF	AF					
16				.000 ND	.000 ND							
17			.000 ND									
18											.005	.000 ND
19									.000 ND	.000 ND		
20								.000 ND				
21	.000 ND					.000 ND	.023					
22				.000 ND	AF							
23			.000 ND									
24											.000 ND	.000 ND
25									AF	.000 ND		
26								.000 ND				
27	.000 ND					.000 ND	.000 ND					
28				.000 ND	AF							
29			.000 ND									
30											.000 ND	.000 ND
31										.000 ND		
NO.:	0	4	5	5	3	2	3	3	2	5	5	4
MAX:		0.000	0.000	0.000	0.000	0.000	.023	0.000	0.000	0.000	.005	0.000
MEAN:		0.0000	0.0000	0.0000	0.0000	0.0000	.0077	0.0000	0.0000	0.0000	.0010	0.0000
ANNUAL OBSERVATIONS:		41		ANNUAL MEAN:	.0007		ANNUAL MAX:	.023				

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. 3, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-47-3
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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		AF				.000 ND	.000 ND					
5	.000 ND			.000 ND	.000 ND							
6			.000 ND									
7												
8									AF	.000 ND	.000 ND	.000 ND
9								.000 ND				
10		AF				.029	.000 ND					
11	AF			.000 ND	.000 ND							
12			.005									
13											.000 ND	.000 ND
14									.000 ND	.000 ND		
15								.000 ND				
16		.000 ND				.000 ND	.000 ND					
17	AF			AF	AF							
18			AF									
19											.000 ND	.000 ND
20									.000 ND	.000 ND		
21								.000 ND				
22		.000 ND				.000 ND	.000 ND					
23	AF			AM	.000 ND							
24			AF									
25											.000 ND	.000 ND
26									.000 ND	.007		
27								.000 ND				
28		.000 ND				.000 ND	.000 ND					
29	AF			AF	.007							
30			.000 ND									
31												.000 ND
NO.:	1	3	3	2	4	5	5	5	4	5	5	6
MAX:	0.000	0.000	.005	0.000	.007	.029	0.000	0.000	0.000	.007	0.000	0.000
MEAN:	0.0000	0.0000	.0017	0.0000	.0018	.0058	0.0000	0.0000	0.0000	.0014	0.0000	0.0000
ANNUAL OBSERVATIONS:	48		ANNUAL MEAN:		.0010		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. 3, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-47-3
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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												
3									.000 ND	.000 ND	AF	.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				.006	.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	.000 ND
20												
21									.000 ND	.000 ND		
22								.000 ND				
23		.000 ND				.007	.000 ND					
24	.000 ND			.000 ND	.000 ND							
25			.000 ND									
26											.000 ND	.000 ND
27								.000 ND	.000 ND			
28								.000 ND				
29						.000 ND	.000 ND					
30	.000 ND			.000 ND	.006							
31			.000 ND									
NO.:	5	4	6	5	5	5	5	4	5	5	4	5
MAX:	0.000	0.000	0.000	0.000	.006	.007	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	.0012	.0026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	58		ANNUAL MEAN:	.0003		ANNUAL MAX:	.007					

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. 3, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-47-3
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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	.000 ND					
12		AV		.000 ND	.000 ND							
13	.000 ND		.000 ND								.000 ND	.000 ND
14												
15									.000 ND	.000 ND		
16								.000 ND				
17						.000 ND	.000 ND					
18		FI		.000 ND	.000 ND							
19	.000 ND		.000 ND								.000 ND	.000 ND
20												
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		.000 ND	.000 ND							
25	.000 ND		.000 ND									
26											.000 ND	.000 ND
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	2	6	5	5	5	5	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:	59		ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000						

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 3, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-47-3
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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	.000 ND							
2			.000 ND									
3												
4												
5												
6		.000 ND				.021						
7	.000 ND			.000 ND	.000 ND							
8			.000 ND									
9												
10												
11												
12		.000 ND				.024						
13	.000 ND			.000 ND	.000 ND							
14			.000 ND									
15												
16												
17												
18		.000 ND				.025						
19	.000 ND			.000 ND	.000 ND							
20			.000 ND									
21												
22												
23												
24		.000 ND				.032						
25	.000 ND			.000 ND	.003							
26			.000 ND									
27												
28												
29												
30						.029						
31	.000 ND				.002							
NO.:	6	4	5	5	6	5	0	0	0	0	0	0
MAX:	0.000	0.000	0.000	0.000	.003	.032						
MEAN:	0.0000	0.0000	0.0000	0.0000	.0008	.0262						
ANNUAL OBSERVATIONS:		31		ANNUAL MEAN:	.0044	ANNUAL MAX:	.032					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 3, 2019

(12128) Lead (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7439-92-1
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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									AF	AF		
2								AF				
3						AF	.0000 ND					
4				.0122 5	.0058							
5			.0054									
6											.0079	.0000 ND
7									AF	.0000 ND		
8								.0000 ND				
9	.0000 ND					AF	AF					
10				.0109 5	.0066							
11			.0000 ND								.0000 ND	AF
12												
13									.0000 ND	.0000 ND		
14								AF				
15	.0074					AF	AF					
16				.0000 ND	.0088							
17			.0000 ND									
18											.0000 ND	.0081
19									.0000 ND	.0062		
20								.0066				
21	.0000 ND					.0000 ND	.0055					
22			.0060	.0000 ND	AF							
23											.0000 ND	.0053
24												
25									AF	.0000 ND		
26								.0000 ND				
27	.0000 ND					.0000 ND	.0000 ND					
28				.0065	AF							
29			.0000 ND									
30											.0000 ND	.0000 ND
31										.0000 ND		
NO.:	0	4	5	5	3	2	3	3	2	5	5	4
MAX:	.0074	.0074	.0060	.0122	.0088	0.0000	.0055	.0066	0.0000	.0062	.0079	.0081
MEAN:	.00185	.00185	.00228	.00592	.00707	0.00000	.00183	.00220	0.00000	.00124	.00158	.00335
ANNUAL OBSERVATIONS:		41		ANNUAL MEAN:	.00266	ANNUAL MAX:	.0122					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 3, 2019

(12128) Lead (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7439-92-1
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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	.0068
2									.0000 ND	.0000 ND		
3								.0000 ND				
4		AF				.0053	.0000 ND					
5	.0049			.0000 ND	.0000 ND							
6			.0065									
7											.0000 ND	.0000 ND
8									AF	.0054		
9								.0100				
10		AF				.0000 ND	.0000 ND					
11	AF			.0082	.0000 ND						.0000 ND	.0000 ND
12			.0109									
13									.0000 ND	.0000 ND		
14								.0000 ND				
15												
16		.0000 ND				.0000 ND	.0067					
17	AF			AF	AF							
18			AF									
19											.0000 ND	.0000 ND
20									.0000 ND	.0068		
21								.0000 ND				
22		.0064				.0064	.0000 ND					
23	AF			AM	.0000 ND							
24			AF									
25											.0068	.0000 ND
26								.0052	.0052	.0057		
27								.0052				
28		.0055				.0000 ND	.0000 ND					
29	AF			AF	.0000 ND							
30			.0000 ND									
31												.0084
NO.:	1	3	3	2	4	5	5	5	4	5	5	6
MAX:	.0049	.0064	.0109	.0082	0.0000	.0064	.0067	.0100	.0052	.0068	.0068	.0084
MEAN:	.00490	.00397	.00580	.00410	0.00000	.00234	.00134	.00304	.00130	.00358	.00136	.00253
ANNUAL OBSERVATIONS:		48		ANNUAL MEAN:	.00252	ANNUAL MAX:	.0109					

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. 3, 2019

(12128) Lead (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7439-92-1
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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			.0000 ND									
2											AF	.0000 ND
3									.0070	.0000 ND		
4								AF				
5		.0068				.0000 ND	.0071					
6	.0000 ND			.0000 ND	.0059							
7			.0000 ND									
8											.0000 ND	.0077
9									.0000 ND	.0000 ND		
10								.0159 5				
11		.0000 ND				.0000 ND	.0000 ND					
12	.0057			.0054	.0057							
13			.0000 ND									
14											.0000 ND	.0000 ND
15									.0094	.0000 ND		
16								.0052				
17		.0000 ND				.0000 ND	.0000 ND					
18	.0000 ND			.0063	.0000 ND							
19			.0000 ND									
20											.0000 ND	.0000 ND
21									.0094	.0069		
22								.0000 ND				
23		.0000 ND				.0062	.0058					
24	.0000 ND			.0000 ND	.0000 ND							
25			.0069									
26											.0000 ND	.0000 ND
27									.0000 ND	.0060		
28								.0081				
29						.0000 ND	.0000 ND					
30	.0000 ND			.0074	.0000 ND							
31			.0000 ND									
NO.:	5	4	6	5	5	5	5	4	5	5	4	5
MAX:	.0057	.0068	.0069	.0074	.0059	.0062	.0071	.0159	.0094	.0069	0.0000	.0077
MEAN:	.00114	.00170	.00115	.00382	.00232	.00124	.00258	.00730	.00516	.00258	0.00000	.00154
ANNUAL OBSERVATIONS:		58		ANNUAL MEAN:	.00250	ANNUAL MAX:	.0159					

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. 3, 2019

(12128) Lead (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7439-92-1
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 PROBE HEIGHT: 3

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

REPORT FOR: 2016

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.0000 ND		.0000 ND									
2												
3									.0079	.0000 ND	.0000 ND	.0000 ND
4								.0000 ND				
5						.0000 ND	.0000 ND					
6		.0000 ND		.0000 ND	.0000 ND							
7	.0072		.0000 ND									
8											.0064	.0086
9									.0000 ND	.0000 ND		
10								.0000 ND				
11						.0058	.0000 ND					
12		AV		.0000 ND	.0051							
13	.0000 ND		.0000 ND								.0066	.0079
14												
15									.0063	.0000 ND		
16								.0000 ND				
17						.0069	.0000 ND					
18		FI		.0062	.0000 ND							
19	.0000 ND		.0000 ND								.0000 ND	.0000 ND
20												
21									.0065	.0108 5		
22								.0000 ND				
23						.0000 ND	.0000 ND					
24		.0000 ND		.0000 ND	.0000 ND							
25	.0072		.0000 ND									
26											.0054	.0000 ND
27									.0000 ND	.0000 ND		
28								.0000 ND				
29						.0000 ND	.0000 ND					
30				.0000 ND	.0000 ND							
31	.0000 ND		.0000 ND									
NO.:	6	2	6	5	5	5	5	5	5	5	5	5
MAX:	.0072	0.0000	0.0000	.0062	.0051	.0069	0.0000	0.0000	.0079	.0108	.0066	.0086
MEAN:	.00240	0.00000	0.00000	.00124	.00102	.00254	0.00000	0.00000	.00414	.00216	.00368	.00330
ANNUAL OBSERVATIONS:		59		ANNUAL MEAN:	.00178	ANNUAL MAX:	.0108					

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. 3, 2019

(12128) Lead (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7439-92-1
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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	.0071			.0000 ND	.0000 ND							
2			.0000 ND									
3												
4												
5												
6		.0055				.0016 5						
7	.0000 ND			.0000 ND	.0000 ND							
8			.0000 ND									
9												
10												
11												
12		.0000 ND				.0036						
13	.0000 ND			.0000 ND	.0000 ND							
14			.0000 ND									
15												
16												
17												
18		.0081				.0027 5						
19	.0056			.0000 ND	.0000 ND							
20			.0059									
21												
22												
23												
24		.0000 ND				.0036						
25	.0000 ND			.0000 ND	.0010 5							
26			.0000 ND									
27												
28												
29												
30						.0023 5						
31	.0000 ND				.0021 5							
NO.:	6	4	5	5	6	5	0	0	0	0	0	0
MAX:	.0071	.0081	.0059	0.0000	.0021	.0036						
MEAN:	.00212	.00340	.00118	0.00000	.00052	.00276						
ANNUAL OBSERVATIONS:		31		ANNUAL MEAN:	.00158	ANNUAL MAX:	.0081					

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. 3, 2019

(12132) Manganese (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7439-96-5
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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									AF	AF		
2								AF				
3						AF	.007					
4				.013	.005							
5			.008									
6											.011	.002
7									AF	.018		
8								.007				
9		.005				AF	AF					
10				.032 5	.015							
11			.002								.014	AF
12												
13									.014	.004		
14								AF				
15		.008				AF	AF					
16				.007	.028							
17			.008									
18											.006	.011
19									.016	.011		
20								.023				
21		.008				.015	.031 5					
22				.005	AF							
23			.030									
24											.009	.011
25									AF	.019		
26								.014				
27		.006				.009	.009					
28				.012	AF							
29			.011									
30											.002	.007
31										.008		
NO.:	0	4	5	5	3	2	3	3	2	5	5	4
MAX:		.008	.030	.032	.028	.015	.031	.023	.016	.019	.014	.011
MEAN:		.0068	.0118	.0138	.0160	.0120	.0157	.0147	.0150	.0120	.0084	.0078
ANNUAL OBSERVATIONS:		41		ANNUAL MEAN:	.0117	ANNUAL MAX:	.032					

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. 3, 2019

(12132) Manganese (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7439-96-5
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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											.005	.011
2									.015	.009		
3								.002				
4		AF				.019	.009					
5	.004			.020	.017							
6			.018									
7											.009	.003
8									AF	.010		
9								.033 5				
10		AF				.029	.017					
11	AF			.025	.020							
12			.023								.007	.005
13									.007	.005		
14								.011				
15		.007				.015	.021					
16	AF			AF	AF							
17			AF								.008	.008
18									.007	.012		
19								.007				
20		.011				.009	.011					
21	AF			AM	.015						.015	.003
22			AF						.010	.023		
23								.019				
24		.014				.013	.007					
25	AF			AF	.011							
26			.004									.012
27												
28												
29												
30												
31												
NO.:	1	3	3	2	4	5	5	5	4	5	5	6
MAX:	.004	.014	.023	.025	.020	.029	.021	.033	.015	.023	.015	.012
MEAN:	.0040	.0107	.0150	.0225	.0158	.0170	.0130	.0144	.0098	.0118	.0088	.0070
ANNUAL OBSERVATIONS:		48		ANNUAL MEAN:	.0124		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. 3, 2019

(12132) Manganese (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7439-96-5
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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			.005									
2											AF	.004
3									.020	.003		
4								AF				
5		.021				.007	.008					
6	.009			.016	.019							
7			.005									
8										.005	.010	
9									.011	.011		
10								.027				
11		.005				.025	.008					
12	.010			.013	.039 5							
13			.009									
14									.018	.013	.008	.005
15								.023				
16		.009				.006	.007					
17	.005			.023	.045 5							
18			.020								.009	.005
19									.016	.017		
20								.009				
21		.005				.045 5	.013					
22	.005			.014	.016							
23			.014								.007	.003
24								.018	.006	.010		
25						.010	.012					
26	.007			.015	.014							
27			.018									
28												
29												
30												
31												
NO.:	5	4	6	5	5	5	5	4	5	5	4	5
MAX:	.010	.021	.020	.023	.045	.045	.013	.027	.020	.017	.009	.010
MEAN:	.0072	.0100	.0118	.0162	.0266	.0186	.0096	.0193	.0142	.0108	.0073	.0054
ANNUAL OBSERVATIONS:		58		ANNUAL MEAN:	.0131	ANNUAL MAX:	.045					

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. 3, 2019

(12132) Manganese (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7439-96-5
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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	.003		.010									
2												
3									.012	.005	.012	.005
4								.007				
5						.005	.007					
6		.004		.005	.003							
7	.013		.006									
8											.016	.023
9									.016	.005		
10								.012				
11						.020	.007					
12		AV		.004	.010							
13	.008		.005								.014	.014
14									.014	.006		
15								.006				
16						.009	.022					
17												
18		FI		.014	.007							
19	.010		.004								.007	.009
20												
21									.012	.004		
22								.006				
23						.012	.015					
24		.002		.007	.003							
25	.009		.010									
26											.005	.004
27									.005	.011		
28								.009				
29						.011	.005					
30				.005	.003							
31	.004		.008									
NO.:	6	2	6	5	5	5	5	5	5	5	5	5
MAX:	.013	.004	.010	.014	.010	.020	.022	.012	.016	.011	.016	.023
MEAN:	.0078	.0030	.0072	.0070	.0052	.0114	.0112	.0080	.0118	.0062	.0108	.0110
ANNUAL OBSERVATIONS:		59		ANNUAL MEAN:	.0086	ANNUAL MAX:	.023					

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. 3, 2019

(12132) Manganese (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7439-96-5
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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	.007			.002	.014							
2			.011									
3												
4												
5												
6		.013				.004						
7	.005			.007	.006							
8			.011									
9												
10												
11												
12		.005				.020						
13	.007			.010	.001							
14			.004									
15												
16												
17												
18		.014				.014						
19	.010			.004	.018							
20			.013									
21												
22												
23												
24		.007				.046 5						
25	.008			.003	.003							
26			.003									
27												
28												
29												
30						.016						
31	.010				.004							
NO.:	6	4	5	5	6	5	0	0	0	0	0	0
MAX:	.010	.014	.013	.010	.018	.046						
MEAN:	.0078	.0098	.0084	.0052	.0077	.0200						
ANNUAL OBSERVATIONS:	31		ANNUAL MEAN:		.0097	ANNUAL MAX:		.046				

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. 3, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-02-0
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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									AF	AF		
2								AF				
3						AF	.000 ND					
4				.000 ND	.000 ND							
5			.000 ND									
6											.000 ND	.000 ND
7									AF	.000 ND		
8								.000 ND				
9		.000 ND				AF	AF					
10				.008	.000 ND							
11			.000 ND								.000 ND	AF
12												
13									.000 ND	.000 ND		
14								AF				
15		.000 ND				AF	AF					
16				.000 ND	.000 ND							
17			.000 ND									
18											.005	.000 ND
19									.000 ND	.000 ND		
20								.000 ND				
21		.000 ND				.005	.006					
22				.000 ND	AF							
23			.000 ND									
24											.000 ND	.000 ND
25									AF	.000 ND		
26								.000 ND				
27		.000 ND				.000 ND	.000 ND					
28				.000 ND	AF							
29			.000 ND									
30											.000 ND	.000 ND
31										.000 ND		
NO.:	0	4	5	5	3	2	3	3	2	5	5	4
MAX:		0.000	0.000	.008	0.000	.005	.006	0.000	0.000	0.000	.005	0.000
MEAN:		0.0000	0.0000	.0016	0.0000	.0025	.0020	0.0000	0.0000	0.0000	.0010	0.0000
ANNUAL OBSERVATIONS:		41		ANNUAL MEAN:	.0006	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. 3, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-02-0
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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	.007
2									.000 ND	.000 ND		
3								.000 ND				
4		AF				.000 ND	.000 ND					
5	.000 ND			.000 ND	.000 ND							
6			.000 ND									
7											.000 ND	.000 ND
8									AF	.000 ND		
9								.000 ND				
10		AF				.033 5	.000 ND					
11	AF			.006	.000 ND							
12			.007								.000 ND	.000 ND
13												
14									.000 ND	.000 ND		
15								.000 ND				
16		.000 ND				.000 ND	.000 ND					
17	AF			AF	AF							
18			AF									
19											.000 ND	.000 ND
20									.000 ND	.000 ND		
21								.000 ND				
22		.000 ND				.000 ND	.000 ND					
23	AF			AM	.000 ND							
24			AF									
25											.000 ND	.000 ND
26									.000 ND	.018 5		
27								.000 ND				
28		.000 ND				.000 ND	.000 ND					
29	AF			AF	.000 ND							
30			.000 ND									
31												.000 ND
NO.:	1	3	3	2	4	5	5	5	4	5	5	6
MAX:	0.000	0.000	.007	.006	0.000	.033	0.000	0.000	0.000	.018	0.000	.007
MEAN:	0.0000	0.0000	.0023	.0030	0.0000	.0066	0.0000	0.0000	0.0000	.0036	0.0000	.0012
ANNUAL OBSERVATIONS:		48		ANNUAL MEAN:	.0015		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. 3, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-02-0
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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												
3									.000 ND	.000 ND	AF	.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									
14											.000 ND	.000 ND
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	.000 ND
21									.000 ND	.000 ND		
22								.000 ND				
23		.000 ND				.008	.000 ND					
24	.000 ND			.000 ND	.000 ND							
25			.000 ND									
26											.000 ND	.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	5
MAX:	0.000	0.000	0.000	0.000	0.000	.008	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	.0016	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	58		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. 3, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-02-0
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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	.000 ND					
12		AV		.000 ND	.000 ND							
13	.000 ND		.000 ND								.000 ND	.000 ND
14												
15									.000 ND	.000 ND		
16								.000 ND				
17						.000 ND	.000 ND					
18		FI		.000 ND	.000 ND							
19	.000 ND		.000 ND								.000 ND	.000 ND
20												
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		.000 ND	.000 ND							
25	.000 ND		.000 ND									
26											.000 ND	.000 ND
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	2	6	5	5	5	5	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:	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. 3, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-02-0
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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				.000 ND		
19	.000 ND			.000 ND	.000 ND							
20			.000 ND									
21												
22												
23												
24		.000 ND								.005		
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	0.005						
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	.0010						
ANNUAL OBSERVATIONS:		31		ANNUAL MEAN:	.0002	ANNUAL MAX:	.005					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 3, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-66-6
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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									AF	AF		
2								AF				
3						AF	.024					
4				.043	.019							
5			.030									
6											.050	.020
7									AF	.028		
8								.018				
9		.040				AF	AF					
10				1.368 5	.043							
11			.011									
12											.027	AF
13									.026	.012		
14								AF				
15		.029				AF	AF					
16				.024	.044							
17			.034									
18											.050	.055
19									.027	.027		
20								.039				
21		.035				.034	.036					
22				.025	AF							
23			.045									
24											.030	.043
25									AF	.032		
26								.025				
27		.027				.023	.024					
28				.025	AF							
29			.036									
30											.017	.033
31										.026		
NO.:	0	4	5	5	3	2	3	3	2	5	5	4
MAX:		.040	.045	1.368	.044	.034	.036	.039	.027	.032	.050	.055
MEAN:		.0328	.0312	.2970	.0353	.0285	.0280	.0273	.0265	.0250	.0348	.0378
ANNUAL OBSERVATIONS:		41		ANNUAL MEAN:	.0635	ANNUAL MAX:	1.368					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Jul. 3, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-66-6
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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											.034	.054
2									.029	.057		
3								.015				
4		AF				.039	.037					
5	.045			.052	.025							
6			.068									
7											.029	.030
8									AF	.032		
9								.049				
10		AF				.039	.154 5					
11	AF			.039	.036							
12			.072 5								.028	.029
13									.023	.018		
14								.042				
15												
16		.041				.034	.038					
17	AF			AF	AF							
18			AF									
19											.025	.030
20									.030	.043		
21								.021				
22		.069				.024	.021					
23	AF			AM	.028							
24			AF									
25											.043	.013
26									.253 5	.040		
27								.036				
28		.045				.027	.023					
29	AF			AF	.173 5							
30			.017									
31												.047
NO.:	1	3	3	2	4	5	5	5	4	5	5	6
MAX:	.045	.069	.072	.052	.173	.039	.154	.049	.253	.057	.043	.054
MEAN:	.0450	.0517	.0523	.0455	.0655	.0326	.0546	.0326	.0838	.0380	.0318	.0338
ANNUAL OBSERVATIONS:		48		ANNUAL MEAN:	.0458		ANNUAL MAX:	.253				

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. 3, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-66-6
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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			.033									
2												
3											AF	.020
4								AF	.059	.036		
5		.044				.073 5	.035					
6	.042			.039	.070							
7			.025									
8											.038	.041
9									.020	.049		
10								.036				
11		.051				.032	.035					
12	.152 5			.022	.033							
13			.044									
14											.027	.024
15									.062	.037		
16								.030				
17		.036				.034	.037					
18	.026			.052	.033							
19			.051									
20											.052	.027
21									.477 5	.042		
22								.032				
23		.040				.048	.073 5					
24	.041			.020	.021							
25			.050									
26											.035	.044
27									.056	.098 5		
28								.164 5				
29						.026	.028					
30	.019			.111 5	.070							
31			.040									
NO.:	5	4	6	5	5	5	5	4	5	5	4	5
MAX:	.152	.051	.051	.111	.070	.073	.073	.164	.477	.098	.052	.044
MEAN:	.0560	.0428	.0405	.0488	.0454	.0426	.0416	.0655	.1348	.0524	.0380	.0312
ANNUAL OBSERVATIONS:		58		ANNUAL MEAN:	.0533	ANNUAL MAX:	.477					

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. 3, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-66-6
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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	.015		.039									
2												
3									.162 5	.027	.046	.023
4								.024				
5						.021	.023					
6		.032		.024	.018							
7	.072		.027									
8											.055	.057
9									.031	.020		
10								.018				
11						.036	.021					
12		AV		.018	.038							
13	.026		.020								.084 5	.053
14									.050	.025		
15								.016				
16						.061	.024					
17												
18		FI		.050	.025							
19	.027		.026									
20											.019	.041
21									.051	.025		
22								.018				
23						.023	.032					
24		.012		.022	.025							
25	.098 5		.040									
26											.025	.024
27								.019	.010			
28								.016				
29						.024	.029					
30				.026	.023							
31	.025		.027									
NO.:	6	2	6	5	5	5	5	5	5	5	5	5
MAX:	.098	.032	.040	.050	.038	.061	.032	.024	.162	.027	.084	.057
MEAN:	.0438	.0220	.0298	.0280	.0258	.0330	.0258	.0184	.0626	.0214	.0458	.0396
ANNUAL OBSERVATIONS:		59		ANNUAL MEAN:	.0337	ANNUAL MAX:	.162					

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. 3, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-045-0002 POC: 2
 COUNTY: (045) Delaware
 CITY: (13208) Chester
 SITE ADDRESS: FRONT ST & NORRIS ST
 SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE
 MONITOR COMMENTS:

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

CAS NUMBER: 7440-66-6
 LATITUDE: 39.835556
 LONGITUDE: -75.3725
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3
 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	.030			.012	.028							
2			.028									
3												
4												
5												
6		.038				.000 ND						
7	.034			.030	.014							
8			.030									
9												
10												
11												
12		.024				.034						
13	.021			.028	.011							
14			.022									
15												
16												
17												
18		.047				.000 ND						
19	.040			.012	.036							
20			.038									
21												
22												
23												
24		.090 5				.030						
25	.029			.017	.000 ND							
26			.017									
27												
28												
29												
30						.000 ND						
31	.043				.000 ND							
NO.:	6	4	5	5	6	5	0	0	0	0	0	0
MAX:	.043	.090	.038	.030	.036	.034						
MEAN:	.0328	.0498	.0270	.0198	.0148	.0128						
ANNUAL OBSERVATIONS:		31		ANNUAL MEAN:	.0253	ANNUAL MAX:	.090					

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.