

User ID: XCMROBBINS

RAW DATA REPORT

Report Request ID: 1762414

Report Code: AMP350

Jul. 16, 2019

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	42	049	0004		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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-38-2  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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									.004 5	.001		
2								.001				
3		.000 ND				.000 ND	.002					
4	.000 ND			.000 ND	.001							
5			.000 ND									
6											.001	.000 ND
7									.002	AF		
8								.001				
9		.000 ND				.002	.001					
10	.000 ND			.000 ND	.001							
11			.001								.000 ND	.000 ND
12												
13									.000 ND	.001		
14								.000 ND				
15		.000 ND				.001	.002					
16	.001			.000 ND	.001							
17			.000 ND									
18											.000 ND	.000 ND
19									.001	.001		
20								.002				
21		.000 ND				.002	.001					
22	.000 ND			AF	.002							
23			.000 ND									
24											AF	.000 ND
25									.001	AM		
26								.001				
27		.000 ND				.001	.003					
28	.001			.002	.002							
29			.001									
30											.000 ND	.000 ND
31										.001		
NO.:	5	5	5	4	5	5	5	5	5	4	4	5
MAX:	.001	0.000	.001	.002	.002	.002	.003	.002	.004	.001	.001	0.000
MEAN:	.0004	0.0000	.0004	.0005	.0014	.0012	.0018	.0010	.0016	.0010	.0003	0.0000
ANNUAL OBSERVATIONS:		57		ANNUAL MEAN:	.0008	ANNUAL MAX:	.004					

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

(12103) Arsenic (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-38-2  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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									.001	.000 ND		
3								AF				
4		.000 ND				.001	.001					
5	.001			.000 ND	.001							
6			.001									
7											.000 ND	.000 ND
8									.000 ND	.001		
9								.002				
10		.000 ND				AF	.001					
11	.001			.002	.001						.000 ND	.001
12			.001									
13									.000 ND	.000 ND		
14												
15								AF				
16		.000 ND				.001	.000 ND					
17	.000 ND			.001	.001							
18			.000 ND									
19											.000 ND	.001
20									.000 ND	.000 ND		
21								.001				
22		.001				.001	.001					
23	.000 ND			.000 ND	.003							
24			.000 ND									
25											.000 ND	.001
26									.004 5	AF		
27								.000 ND				
28		.000 ND				AF	AF					
29	.000 ND			.000 ND	AF							
30			.000 ND									
31												AF
NO.:	5	5	5	5	4	3	4	3	5	4	5	5
MAX:	.001	.001	.001	.002	.003	.001	.001	.002	.004	.001	0.000	.001
MEAN:	.0004	.0002	.0004	.0006	.0015	.0010	.0008	.0010	.0010	.0003	0.0000	.0006
ANNUAL OBSERVATIONS:	53		ANNUAL MEAN:		.0006		ANNUAL MAX:		.004			

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 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-38-2  
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 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.001									
2											.002	.000 ND
3									.001	.000 ND		
4								.000 ND				
5		.000 ND				.001	.004 5					
6	AF			.000 ND	.001							
7			.000 ND								.000 ND	.001
8												
9									.000 ND	.000 ND		
10								.003				
11		.000 ND				.001	.003 5					
12	AF			.002	.000 ND							
13			.001								.001	.000 ND
14												
15									.000 ND	.000 ND		
16								.005 5				
17		.000 ND				.001	.001					
18	.000 ND			.002	.001							
19			.000 ND									
20											.000 ND	AF
21									AF	.001		
22								.006 5				
23		.000 ND				.000 ND	AF					
24	.000 ND			.001	.002							
25			.000 ND									
26											AF	AM
27									.000 ND	.000 ND		
28								.002				
29						.000 ND	.004 5					
30	.000 ND			.000 ND	.000 ND							
31			AF									
NO.:	3	4	5	5	5	5	4	5	4	5	4	3
MAX:	0.000	0.000	.001	.002	.002	.001	.004	.006	.001	.001	.002	.001
MEAN:	0.0000	0.0000	.0004	.0010	.0008	.0006	.0030	.0032	.0003	.0002	.0008	.0003
ANNUAL OBSERVATIONS:	52		ANNUAL MEAN:		.0009		ANNUAL MAX:		.006			

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(12103) Arsenic (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
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 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-38-2  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	AF		AM									
2												
3									.000 ND	AF	.001	.000 ND
4								.001				
5						FI	.002					
6		AM		.000 ND	.000 ND							
7	AF		AM									
8											AV	FI
9									FI	.000 ND		
10								AG				
11						.000 ND	.000 ND					
12		.000 ND		.000 ND	.001							
13	AF		.000 ND									
14											AM	.000 ND
15									.000 ND	.001		
16								AG				
17						.002	.001					
18		.000 ND		.002	.000 ND							
19	AF		.000 ND									
20											.000 ND	.000 ND
21									.001	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		AM		.001	.001							
25	AF		.000 ND									
26											.000 ND	.000 ND
27									.000 ND	.000 ND		
28								.001				
29						.000 ND	.001					
30				.001	AM					AM		
31	AF		.000 ND									
NO.:	0	2	4	5	4	4	5	3	4	4	3	4
MAX:		0.000	0.000	.002	.001	.002	.002	.001	.001	.001	.001	0.000
MEAN:		0.0000	0.0000	.0008	.0005	.0005	.0008	.0007	.0003	.0003	.0003	0.0000
ANNUAL OBSERVATIONS:		42		ANNUAL MEAN:	.0004		ANNUAL MAX:	.002				

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Jul. 16, 2019

(12103) Arsenic (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-38-2  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	AF			.000 ND	.000 ND							
2			.000 ND									
3												
4												
5												
6		.000 ND				.000 ND						
7	AF			FI	.000 ND							
8			.000 ND									
9												
10												
11												
12		.000 ND				.000 ND						
13	.000 ND			.001	.000 ND							
14			FI									
15												
16												
17												
18		TS				.000 ND						
19	AF			AF	.000 ND							
20			AF									
21												
22												
23												
24		AF				.000 ND						
25	.000 ND			FI	.000 ND							
26			AF									
27												
28												
29												
30						AM						
31	AM				.000 ND							
NO.:	2	2	2	2	6	4	0	0	0	0	0	0
MAX:	0.000	0.000	0.000	.001	0.000	0.000						
MEAN:	0.0000	0.0000	0.0000	.0005	0.0000	0.0000						
ANNUAL OBSERVATIONS:		18		ANNUAL MEAN:	.0001	ANNUAL MAX:	.001					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 16, 2019

(12105) Beryllium (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-41-7  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 PROBE HEIGHT: 3

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

REPORT FOR: 2013

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.000 ND	.000 ND		
2								.000 ND				
3		.000 ND				.000 ND	.000 ND					
4	.000 ND			.000 ND	.000 ND							
5			.000 ND									
6											.000 ND	.000 ND
7									.000 ND	AF		
8								.000 ND				
9		.000 ND				.000 ND	.000 ND					
10	.000 ND			.000 ND	.000 ND							
11			.000 ND								.000 ND	.000 ND
12												
13									.000 ND	.000 ND		
14								.000 ND				
15		.000 ND				.000 ND	.000 ND					
16	.000 ND			.000 ND	.000 ND							
17			.000 ND									
18											.000 ND	.000 ND
19									.000 ND	.000 ND		
20								.000 ND				
21		.000 ND				.000 ND	.000 ND					
22	.000 ND			AF	.000 ND							
23			.000 ND									
24											AF	.000 ND
25									.000 ND	AM		
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	4	5	5	5	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	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	57		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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

(12105) Beryllium (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AOCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-41-7  
 LATITUDE: 42.155833  
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 UTM ZONE:  
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 UTM EASTING:  
 ELEVATION-MSL: 170  
 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								AF				
4		.000 ND				.000 ND	.000 ND					
5	.000 ND			.000 ND	.000 ND							
6			.000 ND									
7										.000 ND	.000 ND	
8									.000 ND	.000 ND		
9								.000 ND				
10		.000 ND				AF	.000 ND					
11	.000 ND			.000 ND	.000 ND						.000 ND	.000 ND
12			.000 ND									
13											.000 ND	.000 ND
14									.000 ND	.000 ND		
15								AF				
16		.000 ND				.000 ND	.000 ND					
17	.000 ND			.000 ND	.000 ND							
18			.000 ND									
19										.000 ND	.000 ND	
20									.000 ND	.000 ND		
21								.000 ND				
22		.000 ND				.000 ND	.000 ND					
23	.000 ND			.000 ND	.000 ND							
24			.000 ND									
25											.000 ND	.000 ND
26									.000 ND	AF		
27								.000 ND				
28		.000 ND				AF	AF					
29	.000 ND			.000 ND	AF							
30			.000 ND									
31												AF
NO.:	5	5	5	5	4	3	4	3	5	4	5	5
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	53		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-41-7  
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 LONGITUDE: -80.11333  
 UTM ZONE:  
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 UTM EASTING:  
 ELEVATION-MSL: 170  
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.000 ND									
2											.000 ND	.000 ND
3									.000 ND	.000 ND		
4								.000 ND				
5		.000 ND				.000 ND	.000 ND					
6	AF			.000 ND	.000 ND							
7			.000 ND								.000 ND	.000 ND
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11		.000 ND				.000 ND	.000 ND					
12	AF			.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	AF
21									AF	.000 ND		
22								.000 ND				
23		.000 ND				.000 ND	AF					
24	.000 ND			.000 ND	.000 ND							
25			.000 ND									
26											AF	AM
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30	.000 ND			.000 ND	.000 ND							
31			AF									
NO.:	3	4	5	5	5	5	4	5	4	5	4	3
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL 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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-41-7  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	AF		AM									
2												
3									.000 ND	AF	.000 ND	.000 ND
4								.000 ND				
5						FI	.000 ND					
6		AM		.000 ND	.000 ND							
7	AF		AM									
8											AV	FI
9									FI	.000 ND		
10								AG				
11						.000 ND	.000 ND					
12		.000 ND		.000 ND	.000 ND							
13	AF		.000 ND									
14											AM	.000 ND
15									.000 ND	.000 ND		
16								AG				
17						.000 ND	.000 ND					
18		.000 ND		.000 ND	.000 ND							
19	AF		.000 ND									
20											.000 ND	.000 ND
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		AM		.000 ND	.000 ND							
25	AF		.000 ND									
26											.000 ND	.000 ND
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30				.000 ND	AM						AM	
31	AF		.000 ND									
NO.:	0	2	4	5	4	4	5	3	4	4	3	4
MAX:		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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:		42		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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-41-7  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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:

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

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 16, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-43-9  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 PROBE HEIGHT: 3

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

REPORT FOR: 2013

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

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

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 16, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AOCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-43-9  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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								AF				
4		.000 ND				.000 ND	.000 ND					
5	.000 ND			.000 ND	.000 ND							
6			.000 ND									
7										.000 ND	.000 ND	
8									.000 ND	.000 ND		
9								.000 ND				
10		.000 ND				AF	.000 ND					
11	.000 ND			.000	.000 ND							
12			.000 ND								.000 ND	.000 ND
13												
14									.000 ND	.000 ND		
15								AF				
16		.000 ND				.000 ND	.000 ND					
17	.000 ND			.000 ND	.000 ND							
18			.000 ND									
19										.000 ND	.000 ND	
20									.000 ND	.000 ND		
21								.000 ND				
22		.000				.000 ND	.000 ND					
23	.000 ND			.000 ND	.000 ND							
24			.000 ND									
25										.000 ND	.000 ND	
26									.000	AF		
27								.000 ND				
28		.000 ND				AF	AF					
29	.000 ND			.000 ND	AF							
30			.000 ND									
31												AF
NO.:	5	5	5	5	4	3	4	3	5	4	5	5
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	53		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 16, 2019

(12110) Cadmium (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-43-9  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	.000	.000 ND
4								.000 ND				
5		.000 ND				.001	.000 ND					
6	AF			.000 ND	.000 ND							
7			.000 ND									
8											.010 5	.000
9									.000 ND	.000 ND		
10								.000				
11		.000 ND				.000 ND	.000 ND					
12	AF			.000 ND	.000 ND							
13			.000 ND								.000 ND	.000 ND
14												
15									.000 ND	.000 ND		
16								.000				
17		.000 ND				.000	.000 ND					
18	.000 ND			.000 ND	.000 ND							
19			.000 ND									
20											.000 ND	AF
21									AF	.000 ND		
22								.000 ND				
23		.000 ND				.000 ND	AF					
24	.000 ND			.000 ND	.000 ND							
25			.000 ND									
26											AF	AM
27									.000 ND	.000 ND		
28								.000				
29						.000 ND	.000					
30	.000 ND			.000 ND	.000 ND							
31			AF									
NO.:	3	4	5	5	5	5	4	5	4	5	4	3
MAX:	0.000	0.000	0.000	0.000	0.000	.001	0.000	0.000	0.000	0.000	.010	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	.0002	0.0000	0.0000	0.0000	0.0000	.0025	0.0000
ANNUAL OBSERVATIONS:		52		ANNUAL MEAN:	.0002	ANNUAL MAX:	.010					

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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-43-9  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	AF		AM									
2												
3									.000 ND	AF	.000 ND	.000
4								.000				
5						FI	.000					
6		AM		.000 ND	.000 ND							
7	AF		AM									
8											AV	FI
9									FI	.000 ND		
10								AG				
11						.000 ND	.000 ND					
12		.000 ND		.000 ND	.000 ND							
13	AF		.000 ND									
14											AM	.000
15									.000 ND	.000 ND		
16								AG				
17						.000 ND	.000 ND					
18		.000 ND		.000 ND	.000 ND							
19	AF		.000 ND									
20											.000 ND	.000 ND
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		AM		.000 ND	.000 ND							
25	AF		.000 ND									
26											.000	.000 ND
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.001 5					
30				.000 ND	AM						AM	
31	AF		.000 ND									
NO.:	0	2	4	5	4	4	5	3	4	4	3	4
MAX:		0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
MEAN:		0.0000	0.0000	0.0000	0.0000	0.0000	.0002	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:		42		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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-43-9  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	AF			.000 ND	.000 ND							
2			.000 ND									
3												
4												
5												
6		.000 ND				.000 ND						
7	AF			FI	.000 ND							
8			.000 ND									
9												
10												
11												
12		.000 ND				.000 ND						
13	.000 ND			.000 ND	.000 ND							
14			FI									
15												
16												
17												
18		TS				.000 ND						
19	AF			AF	.000 ND							
20			AF									
21												
22												
23												
24		AF				.000 ND						
25	.000 ND			FI	.000 ND							
26			AF									
27												
28												
29												
30						AM						
31	AM				.000 ND							
NO.:	2	2	2	2	6	4	0	0	0	0	0	0
MAX:	0.000	0.000	0.000	0.000	0.000	0.000						
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
ANNUAL OBSERVATIONS:		18		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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-47-3  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 PROBE HEIGHT: 3

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

REPORT FOR: 2013

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.000 ND	.000 ND		
2								.000 ND				
3		.005				.000 ND	.000 ND					
4	.000 ND			.000 ND	.000 ND							
5			.000 ND									
6											.000 ND	.000 ND
7									.000 ND	AF		
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	.006					
16	.006			.000 ND	.000 ND							
17			.000 ND									
18											.000 ND	.000 ND
19									.000 ND	.000 ND		
20								.000 ND				
21		.000 ND				.000 ND	.000 ND					
22	.000 ND			AF	.000 ND							
23			.000 ND									
24											AF	.000 ND
25									.000 ND	AM		
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	4	5	5	5	5	5	5	4	5
MAX:	.006	.005	0.000	0.000	0.000	0.000	.006	0.000	0.000	0.000	0.000	0.000
MEAN:	.0012	.0010	0.0000	0.0000	0.0000	0.0000	.0012	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	57		ANNUAL MEAN:		.0003		ANNUAL MAX:		.006			

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

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

(12112) Chromium (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AOCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-47-3  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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								AF				
4		.000 ND				.000 ND	.000 ND					
5	.000 ND			.000 ND	.000 ND							
6			.000 ND									
7										.000 ND	.000 ND	
8									.000 ND	.000 ND		
9								.000 ND				
10		.000 ND				AF	.000 ND					
11	.000 ND			.000 ND	.000 ND						.000 ND	.000 ND
12			.000 ND									
13											.000 ND	.000 ND
14									.000 ND	.000 ND		
15								AF				
16		.000 ND				.000 ND	.000 ND					
17	.000 ND			.000 ND	.000 ND							
18			.000 ND									
19										.000 ND	.000 ND	
20									.000 ND	.000 ND		
21								.000 ND				
22		.000 ND				.000 ND	.000 ND					
23	.000 ND			.000 ND	.000 ND							
24			.000 ND									
25										.000 ND	.000 ND	
26									.000 ND	AF		
27								.000 ND				
28		.000 ND				AF	AF					
29	.000 ND			.000 ND	AF							
30			.000 ND									
31												AF
NO.:	5	5	5	5	4	3	4	3	5	4	5	5
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	53		ANNUAL MEAN:		0.0000		ANNUAL MAX:		0.000			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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Jul. 16, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-47-3  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.000 ND									
2											.000 ND	.000 ND
3									.000 ND	.000 ND		
4								.000 ND				
5		.000 ND				.000 ND	.000 ND					
6	AF			.000 ND	.000 ND							
7			.000 ND								.000 ND	.000 ND
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11		.000 ND				.000 ND	.000 ND					
12	AF			.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	AF
21									AF	.000 ND		
22								.000 ND				
23		.000 ND				.000 ND	AF					
24	.000 ND			.000 ND	.000 ND							
25			.000 ND									
26											AF	AM
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30	.000 ND			.000 ND	.000 ND							
31			AF									
NO.:	3	4	5	5	5	5	4	5	4	5	4	3
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL 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  
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Jul. 16, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-47-3  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	AF		AM									
2												
3									.000 ND	AF	.000 ND	.000 ND
4								.000 ND				
5						FI	.000 ND					
6		AM		.000 ND	.000 ND							
7	AF		AM									
8											AV	FI
9									FI	.000 ND		
10								AG				
11						.000 ND	.000 ND					
12		.000 ND		.000 ND	.000 ND							
13	AF		.000 ND									
14											AM	.000 ND
15									.000 ND	.000 ND		
16								AG				
17						.000 ND	.000 ND					
18		.000 ND		.000 ND	.000 ND							
19	AF		.000 ND								.000 ND	.000 ND
20												
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		AM		.000 ND	.000 ND							
25	AF		.000 ND									
26											.000 ND	.000 ND
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30				.000 ND	AM						AM	
31	AF		.000 ND									
NO.:	0	2	4	5	4	4	5	3	4	4	3	4
MAX:		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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:		42		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. 16, 2019

(12112) Chromium (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-47-3  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	AF			.000 ND	.000 ND							
2			.002									
3												
4												
5												
6		.000 ND				.024						
7	AF			FI	.003							
8			.002									
9												
10												
11												
12		.000 ND				.021						
13	.000 ND			.000 ND	.002							
14			FI									
15												
16												
17												
18		TS				.027						
19	AF			AF	.002							
20			AF									
21												
22												
23												
24		AF				.024						
25	.000 ND			FI	.002							
26			AF									
27												
28												
29												
30						AM						
31	AM				.025							
NO.:	2	2	2	2	6	4	0	0	0	0	0	0
MAX:	0.000	0.000	.002	0.000	.025	.027						
MEAN:	0.0000	0.0000	.0020	0.0000	.0057	.0240						
ANNUAL OBSERVATIONS:		18		ANNUAL MEAN:	.0074	ANNUAL MAX:	.027					

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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7439-92-1  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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									.0057	.0000 ND		
2								.0000 ND				
3		.0000 ND				.0000 ND	.0068					
4	.0000 ND			.0000 ND	.0000 ND							
5			.0000 ND									
6											.0000 ND	.0000 ND
7									.0061	AF		
8								.0000 ND				
9		.0000 ND				.0065	.0000 ND					
10	.0000 ND			.0000 ND	.0000 ND							
11			.0086									.0000 ND
12											.0000 ND	.0000 ND
13									.0000 ND	.0000 ND		
14								.0000 ND				
15		.0000 ND				.0000 ND	.0103					
16	.0000 ND			.0000 ND	.0000 ND							
17			.0000 ND									
18											.0000 ND	.0000 ND
19									.0079	.0059		
20								.0070				
21		.0000 ND				.0000 ND	.0000 ND					
22	.0000 ND			AF	.0000 ND							
23			.0000 ND									
24											AF	.0000 ND
25									.0000 ND	AM		
26								.0000 ND				
27		.0000 ND				.0000 ND	.0079					
28	.0000 ND			.0000 ND	.0060							
29			.0000 ND									
30											.0000 ND	.0000 ND
31										.0052		
NO.:	5	5	5	4	5	5	5	5	5	5	4	5
MAX:	0.0000	0.0000	.0086	0.0000	.0060	.0065	.0103	.0070	.0079	.0059	0.0000	0.0000
MEAN:	0.00000	0.00000	.00172	0.00000	.00120	.00130	.00500	.00140	.00394	.00278	0.00000	0.00000
ANNUAL OBSERVATIONS:		57		ANNUAL MEAN:	.00147	ANNUAL MAX:	.0103					

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. 16, 2019

(12128) Lead (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AOCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7439-92-1  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	.0000 ND
2									.0000 ND	.0000 ND		
3								AF				
4		.0049				.0000 ND	.0000 ND					
5	.0000 ND			.0000 ND	.0000 ND							
6			.0000 ND									
7											.0000 ND	.0000 ND
8									.0000 ND	.0082		
9								.0080				
10		.0000 ND				AF	.0059					
11	.0000 ND			.0000 ND	.0055							
12			.0000 ND								.0000 ND	.0000 ND
13									.0000 ND	.0000 ND		
14												
15								AF				
16		.0000 ND				.0000 ND	.0000 ND					
17	.0000 ND			.0000 ND	.0000 ND							
18			.0000 ND									
19											.0000 ND	.0000 ND
20									.0000 ND	.0000 ND		
21								.0000 ND				
22		.0000 ND				.0000 ND	.0051					
23	.0000 ND			.0000 ND	.0053							
24			.0000 ND									
25											.0000 ND	.0000 ND
26									.0167 5	AF		
27								.0000 ND				
28		.0127 5				AF	AF					
29	.0000 ND			.0000 ND	AF							
30			.0000 ND									
31												AF
NO.:	5	5	5	5	4	3	4	3	5	4	5	5
MAX:	0.0000	.0127	0.0000	0.0000	.0055	0.0000	.0059	.0080	.0167	.0082	0.0000	0.0000
MEAN:	0.00000	.00352	0.00000	0.00000	.00270	0.00000	.00275	.00267	.00334	.00205	0.00000	0.00000
ANNUAL OBSERVATIONS:		53		ANNUAL MEAN:	.00136	ANNUAL MAX:	.0167					

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. 16, 2019

(12128) Lead (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7439-92-1  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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											.0070	.0000 ND
3									.0000 ND	.0000 ND		
4								.0000 ND				
5		.0000 ND				.0000 ND	.0092					
6	AF			.0000 ND	.0000 ND							
7			.0000 ND								.0000 ND	.0062
8										.0000 ND		
9									.0000 ND	.0000 ND		
10								.0056				
11		.0000 ND				.0000 ND	.0000 ND					
12	AF			.0000 ND	.0000 ND							
13			.0057								.0000 ND	.0000 ND
14												
15									.0000 ND	.0000 ND		
16								.0093				
17		.0000 ND				.0060	.0000 ND					
18	.0000 ND			.0000 ND	.0000 ND							
19			.0000 ND								.0000 ND	AF
20												
21									AF	.0000 ND		
22								.0000 ND				
23		.0000 ND				.0000 ND	AF					
24	.0000 ND			.0000 ND	.0052							
25			.0000 ND									
26											AF	AM
27									.0062	.0000 ND		
28								.0000 ND				
29						.0000 ND	.0206 5					
30	.0000 ND			.0000 ND	.0000 ND							
31			AF									
NO.:	3	4	5	5	5	5	4	5	4	5	4	3
MAX:	0.0000	0.0000	.0057	0.0000	.0052	.0060	.0206	.0093	.0062	0.0000	.0070	.0062
MEAN:	0.00000	0.00000	.00114	0.00000	.00104	.00120	.00745	.00298	.00155	0.00000	.00175	.00207
ANNUAL OBSERVATIONS:		52		ANNUAL MEAN:	.00156	ANNUAL MAX:	.0206					

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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(12128) Lead (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7439-92-1  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	AF		AM									
2												
3									.0000 ND	AF	.0000 ND	.0000 ND
4								.0053				
5						FI	.0000 ND					
6		AM		.0000 ND	.0000 ND							
7	AF		AM									
8											AV	FI
9									FI	.0000 ND		
10								AG				
11						.0000 ND	.0000 ND					
12		.0000 ND		.0000 ND	.0000 ND							
13	AF		.0000 ND									
14											AM	.0000 ND
15									.0000 ND	.0000 ND		
16								AG				
17						.0061	.0000 ND					
18		.0000 ND		.0000 ND	.0000 ND							
19	AF		.0000 ND									
20											.0000 ND	.0000 ND
21									.0000 ND	.0000 ND		
22								.0000 ND				
23						.0000 ND	.0000 ND					
24		AM		.0000 ND	.0000 ND							
25	AF		.0000 ND									
26											.0000 ND	.0000 ND
27								.0000 ND	.0000 ND			
28								.0000 ND				
29						.0000 ND	.0070					
30				.0000 ND	AM					AM		
31	AF		.0000 ND									
NO.:	0	2	4	5	4	4	5	3	4	4	3	4
MAX:		0.0000	0.0000	0.0000	0.0000	.0061	.0070	.0053	0.0000	0.0000	0.0000	0.0000
MEAN:		0.00000	0.00000	0.00000	0.00000	.00153	.00140	.00177	0.00000	0.00000	0.00000	0.00000
ANNUAL OBSERVATIONS:		42		ANNUAL MEAN:	.00044		ANNUAL MAX:	.0070				

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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7439-92-1  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	AF			.0000 ND	.0000 ND							
2			.0000 ND									
3												
4												
5												
6		.0000 ND				.0000 ND						
7	AF			FI	.0000 ND							
8			.0000 ND									
9												
10												
11												
12		.0000 ND				.0013						
13	.0000 ND			.0000 ND	.0016							
14			FI									
15												
16												
17												
18		TS				.0011						
19	AF			AF	.0000 ND							
20			AF									
21												
22												
23												
24		AF				.0011						
25	.0000 ND			FI	.0000 ND							
26			AF									
27												
28												
29												
30						AM						
31	AM				.0009							
NO.:	2	2	2	2	6	4	0	0	0	0	0	0
MAX:	0.0000	0.0000	0.0000	0.0000	.0016	.0013						
MEAN:	0.00000	0.00000	0.00000	0.00000	.00042	.00088						
ANNUAL OBSERVATIONS:		18		ANNUAL MEAN:	.00033	ANNUAL MAX:	.0016					

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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7439-96-5  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 PROBE HEIGHT: 3

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

REPORT FOR: 2013

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.002	.006		
2								.007				
3		.003				.004	.015 5					
4	.004			.010	.013							
5			.003									
6											.009	.003
7									.009	AF		
8								.009				
9		.006				.005	.007					
10	.006			.002	.010							
11			.013								.001	.003
12									.002	.004		
13								.002				
14									.002			
15		.002				.006	.014					
16	.012			.006	.020 5							
17			.002									
18											.005	.004
19									.009	.004		
20								.014				
21		.003				.013	.005					
22	.004			AF	.015 5							
23			.002									
24											AF	.002
25									.005	AM		
26								.007				
27		.002				.006	.013					
28	.003			.008	.008							
29			.004									
30											.005	.001
31										.006		
NO.:	5	5	5	4	5	5	5	5	5	5	4	5
MAX:	.012	.006	.013	.010	.020	.013	.015	.014	.009	.006	.009	.004
MEAN:	.0058	.0032	.0048	.0065	.0132	.0068	.0108	.0078	.0054	.0050	.0050	.0026
ANNUAL OBSERVATIONS:		57		ANNUAL MEAN:	.0065	ANNUAL MAX:	.020					

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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7439-96-5  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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											.002	.003
2									.004	.005		
3								AF				
4		.011				.007	.004					
5	.006			.002	.005							
6			.004									
7										.003	.004	
8									.006	.014		
9								.008				
10		.003				AF	.007					
11	.002			.007	.006							
12			.002								.004	.003
13									.005	.005		
14												
15								AF				
16		.004				.009	.008					
17	.005			.008	.006							
18			.008									
19										.004	.001	
20									.004	.005		
21								.004				
22		.005				.006	.011					
23	.004			.003	.006							
24			.004									
25											.003	.002
26									.005	AF		
27								.006				
28		.006				AF	AF					
29	.010			.002	AF							
30			.002									
31												AF
NO.:	5	5	5	5	4	3	4	3	5	4	5	5
MAX:	.010	.011	.008	.008	.006	.009	.011	.008	.006	.014	.004	.004
MEAN:	.0054	.0058	.0040	.0044	.0058	.0073	.0075	.0060	.0048	.0073	.0032	.0026
ANNUAL OBSERVATIONS:		53		ANNUAL MEAN:	.0052	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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AOCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7439-96-5  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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			.003									
2												
3									.011	.003	.011	.004
4								.005				
5		.001				.007	.007					
6	AF			.006	.004							
7			.007									
8											.008	.006
9									.007	.004		
10								.011				
11		.005				.005	.008					
12	AF			.007	.006							
13			.012								.006	.002
14									.006	.009		
15								.005				
16												
17		.004				.009	.010					
18	.004			.012	.010							
19			.007									
20											.006	AF
21									AF	.014		
22								.005				
23		.002				.003	AF					
24	.004			.003	.012							
25			.005									
26											AF	AM
27									.008	.005		
28								.016 5				
29						.003	.014					
30	.004			.006	.004							
31			AF									
NO.:	3	4	5	5	5	5	4	5	4	5	4	3
MAX:	.004	.005	.012	.012	.012	.009	.014	.016	.011	.014	.011	.006
MEAN:	.0040	.0030	.0068	.0068	.0072	.0054	.0098	.0084	.0080	.0070	.0078	.0040
ANNUAL OBSERVATIONS:		52		ANNUAL MEAN:	.0067	ANNUAL MAX:	.016					

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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7439-96-5  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	AF		AM									
2												
3									.002	AF	.014 5	.004
4								.009				
5						FI	.004					
6		AM		.005	.007							
7	AF		AM									
8											AV	FI
9									FI	.002		
10								AG				
11						.011	.006					
12		.002		.002	.007							
13	AF		.006									
14											AM	.004
15									.005	.007		
16								AG				
17						.006	.004					
18		.001		.010	.006							
19	AF		.002								.002	.004
20												
21									.008	.003		
22								.001				
23						.004	.005					
24		AM		.005	.015 5							
25	AF		.002									
26											.004	.002
27									.011	.008		
28								.004				
29						.005	.009					
30				.003	AM						AM	
31	AF		.005									
NO.:	0	2	4	5	4	4	5	3	4	4	3	4
MAX:		.002	.006	.010	.015	.011	.009	.009	.011	.008	.014	.004
MEAN:		.0015	.0038	.0050	.0088	.0065	.0056	.0047	.0065	.0050	.0067	.0035
ANNUAL OBSERVATIONS:		42		ANNUAL MEAN:	.0054	ANNUAL MAX:	.015					

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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7439-96-5  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	AF			.002	.005							
2			.000 ND									
3												
4												
5												
6		.003				.000 ND						
7	AF			FI	.000 ND							
8			.008									
9												
10												
11												
12		.003				.007						
13	.002			.006	.004							
14			FI									
15												
16												
17												
18		TS				.005						
19	AF			AF	.006							
20			AF									
21												
22												
23												
24		AF				.004						
25	.001			FI	.003							
26			AF									
27												
28												
29												
30						AM						
31	AM				.009							
NO.:	2	2	2	2	6	4	0	0	0	0	0	0
MAX:	.002	.003	.008	.006	.009	.007						
MEAN:	.0015	.0030	.0040	.0040	.0045	.0040						
ANNUAL OBSERVATIONS:		18		ANNUAL MEAN:	.0038	ANNUAL MAX:	.009					

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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-02-0  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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									.007	.000 ND		
2								.000 ND				
3		.000 ND				.000 ND	.000 ND					
4	.000 ND			.000 ND	.000 ND							
5			.000 ND									
6											.000 ND	.000 ND
7									.000 ND	AF		
8								.000 ND				
9		.000 ND				.000 ND	.000 ND					
10	.000 ND			.000 ND	.000 ND							
11			.000 ND								.000 ND	.000 ND
12												
13									.000 ND	.000 ND		
14								.000 ND				
15		.000 ND				.000 ND	.000 ND					
16	.000 ND			.000 ND	.000 ND							
17			.000 ND									
18											.000 ND	.000 ND
19									.000 ND	.000 ND		
20								.000 ND				
21		.021				.000 ND	.000 ND					
22	.000 ND			AF	.000 ND							
23			.000 ND									
24											AF	.000 ND
25									.000 ND	AM		
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	4	5	5	5	5	5	4	4	5
MAX:	0.000	.021	0.000	0.000	0.000	0.000	0.000	0.000	.007	0.000	0.000	0.000
MEAN:	0.0000	.0042	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.0014	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	57		ANNUAL MEAN:		.0005		ANNUAL MAX:		.021			

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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AOCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-02-0  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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								AF				
4		.000 ND				.000 ND	.000 ND					
5	.000 ND			.000 ND	.000 ND							
6			.000 ND									
7										.000 ND	.000 ND	
8									.000 ND	.000 ND		
9								.000 ND				
10		.000 ND				AF	.000 ND					
11	.000 ND			.000 ND	.000 ND							
12			.000 ND								.000 ND	.000 ND
13												
14									.000 ND	.000 ND		
15								AF				
16		.000 ND				.000 ND	.000 ND					
17	.000 ND			.000 ND	.000 ND							
18			.000 ND									
19										.000 ND	.000 ND	
20									.000 ND	.000 ND		
21								.000 ND				
22		.000 ND				.000 ND	.000 ND					
23	.000 ND			.000 ND	.000 ND							
24			.000 ND									
25											.000 ND	.000 ND
26									.000 ND	AF		
27								.000 ND				
28		.000 ND				AF	AF					
29	.000 ND			.000 ND	AF							
30			.000 ND									
31												AF
NO.:	5	5	5	5	4	3	4	3	5	4	5	5
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:		53		ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 16, 2019

(12136) Nickel (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-02-0  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 PROBE HEIGHT: 3

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

REPORT FOR: 2015

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

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.000 ND									
2											.000 ND	.000 ND
3									.000 ND	.000 ND		
4								.000 ND				
5		.000 ND				.000 ND	.000 ND					
6	AF			.000 ND	.000 ND							
7			.000 ND								.000 ND	.000 ND
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11		.000 ND				.000 ND	.000 ND					
12	AF			.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	AF
21									AF	.000 ND		
22								.000 ND				
23		.000 ND				.000 ND	AF					
24	.000 ND			.000 ND	.000 ND							
25			.000 ND									
26											AF	AM
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30	.000 ND			.000 ND	.000 ND							
31			AF									
NO.:	3	4	5	5	5	5	4	5	4	5	4	3
MAX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL 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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-02-0  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	AF		AM									
2												
3									.000 ND	AF	.000 ND	.000 ND
4								.000 ND				
5						FI	.000 ND					
6		AM		.000 ND	.000 ND							
7	AF		AM									
8											AV	FI
9									FI	.000 ND		
10								AG				
11						.000 ND	.000 ND					
12		.000 ND		.000 ND	.000 ND							
13	AF		.000 ND									
14											AM	.000 ND
15									.000 ND	.000 ND		
16								AG				
17						.000 ND	.000 ND					
18		.000 ND		.000 ND	.000 ND							
19	AF		.000 ND									
20											.000 ND	.000 ND
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		AM		.000 ND	.000 ND							
25	AF		.000 ND									
26											.000 ND	.000 ND
27									.000 ND	.000 ND		
28								.000 ND				
29						.000 ND	.000 ND					
30				.000 ND	AM						AM	
31	AF		.000 ND									
NO.:	0	2	4	5	4	4	5	3	4	4	3	4
MAX:		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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:		42		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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-02-0  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	AF			.000 ND	.000 ND							
2			.000 ND									
3												
4												
5												
6		.000 ND				.000 ND						
7	AF			FI	.000 ND							
8			.000 ND									
9												
10												
11												
12		.000 ND				.000 ND						
13	.000 ND			.000 ND	.000 ND							
14			FI									
15												
16												
17												
18		TS				.000 ND						
19	AF			AF	.000 ND							
20			AF									
21												
22												
23												
24		AF				.000 ND						
25	.000 ND			FI	.000 ND							
26			AF									
27												
28												
29												
30						AM						
31	AM				.000 ND							
NO.:	2	2	2	2	6	4	0	0	0	0	0	0
MAX:	0.000	0.000	0.000	0.000	0.000	0.000						
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
ANNUAL OBSERVATIONS:		18		ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-66-6  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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									.013	.021			
2								.021					
3		.036				.018	.065 5						
4	.014			.024	.025								
5			.012										
6											.030	.031	
7									.028	AF			
8								.030					
9		.086 5				.032	.030						
10	.018			.018	.026								
11			.046								.013	.022	
12									.017	.017			
13								.007					
14		.025				.024	.037						
15	.025			.019	.023								
16			.018						.033	.021		.023	
17								.033					
18		.015				.039	.012						
19	.027			AF	.032								
20			.014										
21									.016	AM	AF	.015	
22		.012				.019	.048	.018					
23	.035			.023	.044								
24			.018										
25											.017	.008	
26										.038			
27	NO.:	5	5	5	4	5	5	5	5	5	4	5	
28	MAX:	.035	.086	.046	.024	.044	.039	.065	.033	.033	.038	.030	.031
29	MEAN:	.0238	.0348	.0216	.0210	.0300	.0264	.0384	.0218	.0214	.0243	.0205	.0198
30	ANNUAL OBSERVATIONS:		57		ANNUAL MEAN:	.0255		ANNUAL MAX:	.086				

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-66-6  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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											.016	.010
2									.025	.022		
3								AF				
4		.033				.045	.037					
5	.028			.012	.013							
6			.018									
7										.019	.011	
8									.035	.085 5		
9								.020				
10		.017				AF	.051					
11	.020			.031	.025							
12			.025									
13									.035		.019	.019
14										.024		
15								AF				
16		.044				.030	.034					
17	.020			.021	.016							
18			.015									
19										.012	.014	
20									.011	.020		
21								.024				
22		.009				.031	.048					
23	.025			.006	.021							
24			.021									
25											.014	.013
26									.022	AF		
27								.030				
28		.036				AF	AF					
29	.018			.010	AF							
30			.008									
31												AF
NO.:	5	5	5	5	4	3	4	3	5	4	5	5
MAX:	.028	.044	.025	.031	.025	.045	.051	.030	.035	.085	.019	.019
MEAN:	.0222	.0278	.0174	.0160	.0188	.0353	.0425	.0247	.0256	.0378	.0160	.0134
ANNUAL OBSERVATIONS:		53		ANNUAL MEAN:	.0239	ANNUAL MAX:	.085					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-66-6  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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			.018									
2											.030	.016
3									.029	.013		
4								.018				
5		.006				.017	.038					
6	AF			.017	.014							
7			.014								.013	.037
8									.020	.015		
9								.030				
10		.019				.017	.022					
11	AF			.020	.011							
12			.038								.016	.009
13								.038	.029			
14		.018				.041	.061 5	.067 5				
15	.010			.026	.016							
16			.014								.011	AF
17								.049	AF	.034		
18		.009				.013	AF					
19	.016			.010	.020							
20			.020									
21											AF	AM
22								.049	.011			
23						.017	.079 5	.032				
24	.010			.014	.015							
25			AF									
26	NO.:	3	4	5	5	5	4	5	4	5	4	3
27	MAX:	.016	.019	.038	.026	.020	.041	.079	.067	.049	.034	.037
28	MEAN:	.0120	.0130	.0208	.0174	.0152	.0210	.0500	.0392	.0340	.0204	.0207
29	ANNUAL OBSERVATIONS:		52	ANNUAL MEAN:	.0236	ANNUAL MAX:	.079					

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 16, 2019

(12167) Zinc (TSP) STP

SITE ID: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-66-6  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	AF		AM									
2												
3									.014	AF	.021	.016
4								.029				
5						FI	.014					
6		AM		.021	.017							
7	AF		AM									
8											AV	FI
9									FI	.000 ND		
10								AG				
11						.008	.040					
12		.009		.010	.021							
13	AF		.017									
14											AM	.017
15									.007	.016		
16								AG				
17						.063 5	.010					
18		.000 ND		.047	.011							
19	AF		.008								.007	.019
20												
21									.014	.000 ND		
22								.010				
23						.010	.010					
24		AM		.017	.030							
25	AF		.009									
26											.030	.015
27									.015	.014		
28								.017				
29						.015	.074 5					
30				.012	AM					AM		
31	AF		.016									
NO.:	0	2	4	5	4	4	5	3	4	4	3	4
MAX:		.009	.017	.047	.030	.063	.074	.029	.015	.016	.030	.019
MEAN:		.0045	.0125	.0214	.0198	.0240	.0296	.0187	.0125	.0075	.0193	.0168
ANNUAL OBSERVATIONS:		42		ANNUAL MEAN:	.0179		ANNUAL MAX:	.074				

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: 42-049-0004 POC: 2  
 COUNTY: (049) Erie  
 CITY: (24000) Erie  
 SITE ADDRESS: Presque Isle State Park, Erie PA 16505  
 SITE COMMENTS: Toxic Site  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (178) NORTHWEST PENNSYLVANIA-YOUNGSTOWN  
 URBANIZED AREA: (2360) ERIE, PA  
 LAND USE: FOREST  
 LOCATION SETTING: RURAL

CAS NUMBER: 7440-66-6  
 LATITUDE: 42.155833  
 LONGITUDE: -80.11333  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 170  
 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	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	AF			.011	.014							
2			.000 ND									
3												
4												
5												
6		.009				.000 ND						
7	AF			FI	.000 ND							
8			.000 ND									
9												
10												
11												
12		.015				.000 ND						
13	.005			.018	.000 ND							
14			FI									
15												
16												
17												
18		TS				.000 ND						
19	AF			AF	.000 ND							
20			AF									
21												
22												
23												
24		AF				.000 ND						
25	.008			FI	.125 5							
26			AF									
27												
28												
29												
30						AM						
31	AM				.000 ND							
NO.:	2	2	2	2	6	4	0	0	0	0	0	0
MAX:	.008	.015	0.000	.018	.125	0.000						
MEAN:	.0065	.0120	0.0000	.0145	.0232	0.0000						
ANNUAL OBSERVATIONS:		18		ANNUAL MEAN:	.0114	ANNUAL MAX:	.125					

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

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
5	Outlier.	QA
AF	Scheduled but not Collected.	NULL
AG	Sample Time out of Limits.	NULL
AM	Miscellaneous Void.	NULL
AV	Power Failure.	NULL
FI	Filter Inspection Flag.	NULL
ND	No Value Detected, Zero Reported.	QA
TS	Holding Time Or Transport Temperature Is Out Of Specs.	NULL

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