### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: XCMROBBINS						RAW DA	TA REPO	RT						
Report Request ID:	1760309			R	eport Code:	AI	MP350							Jul. 3, 201
					GEO	GRAPHI	C SELECI	IONS						
	Tribal Code		County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region		
		42	045	0002		2								
PROTOC	OL SELECTIONS	3		]										
Parameter														
Classification P	Parameter Me	thod	Duration											
ALL	(	089												
SEL	ECTED OPTIONS	5								SORT	ORDER			
Option Type				Option	Value			Order		C	olumn			
RAW DATA EVENT	S		I	INCLUDE	EVENTS			1		STA	FE_CODE			
DAILY STATISTIC	CS			MAX	IMUM			2		COUN	TY_CODE			
AGENCY ROLE				PQ	AO			3		ST	TE_ID			
UNITS				STAN	DARD			4			ETER_COD	NE .		
INCLUDE NULLS					ES							) <u>E</u>		
MERGE PDF FILE	S			YI	ES			5			POC			
DATE	CRITERIA											APPLICABI	E STANDARDS	
Start Date	End Date	e										Standard	Description	
2013 01 01	2017 12	31										CO 1-ł	nour 1971	
												Lead 3-	Month 2009	
											Lead	3-Month PM	110 Surrogate	2009
												Lead Qua	rterly 1978	
													nual 1971	
													-hour 1979	
													-hour 2006	
												PM25 24	-hour 2012	

SO2 1-hour 2010

						g						
						RAW DATA	REPORT					Jul. 3, 2019
(12103) Arsen	nic (TSP) STP										CAS NUMBER:	7440-38-2
SITE ID: 42-045-00	02 POC: 2										LATITUDE:	39.835556
COUNTY: (045) Dela						STATE:	(42) Pennsyl	vania			LONGITUDE:	-75.3725
CITY: (13208) Ches						AQCR:	(045) METROP	OLITAN PHILADEI	PHIA		UTM ZONE:	
SITE ADDRESS: FRO		T.				URBANI	ZED AREA: (6160	) PHILADELPHIA,	PA-NJ		UTM NORTHING:	
SITE COMMENTS: CH			TA CAS 0230011	1 DA SITE CODE		LAND U	SE: INDUSTRIAI	_			UTM EASTING:	
MONITOR COMMENTS:	SIER COPANS SII	S / FILLADELFIL	LA GAS F250011	II FA SIIE CODE		LOCATI	ON SETTING:	URBAN AND CEN	TER CITY		ELEVATION-MSL	: 3
MONITOR COMMENTS.											PROBE HEIGHT:	3
SUPPORT AGENCY: (( MONITOR TYPE: OTHE COLLECTION AND AND PQAO: (0851) F	'R	089) HI-VOL IC	P/MS W/QUARTZ	FILTER		REPOF	RT FOR: 2013				1: 24 HOUR Micrograms/cubic met CTABLE:	er (25 C)
MONTH												
Day 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										

12										.000 ND	AF
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

0.000

0.0000

ANNUAL OBSERVATIONS:	41	ANNUAL MEAN:	.0006	ANNUAL MAX:	.004	

.002

.0010

.001

.0007

.001

.0004

.001

.0003

MAX:

MEAN:

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.

.002

.0007

.002

.0013

.001

.0005

.001

.0006

.004

.0008

.001

.0003

													- 1 0 0010
							RAW DATA	REPORT					Jul. 3, 2019
SITE I) COUNTY CITY:( SITE A) SITE CO MONITO	OMMENTS: CHES R COMMENTS:	2 POC: 2 Pare er f ST & NORRIS S STER COPAMS SIT	ST E / PHILADELPH		1 PA SITE CODE		LAND US	(42) Pennsylv (045) METROPC ZED AREA: (6160) SE: INDUSTRIAL ON SETTING:	LITAN PHILADEI	PA-NJ		CAS NUMBER: LATITUDE: LONGITUDE: UTM ZONE: UTM NORTHIN UTM EASTING ELEVATION-M PROBE HEIGH	: SL: 3
	F AGENCY: (08 R TYPE: OTHER	-	ia Department (	Of Environment	al Protection		DEDOD	T FOR: 2014			DURATION	: 24 HOUR	
			(089) HI-VOL IC	P/MS W/OHARTZ	FILTER		REPOR	T FOR: 2011			UNITS: M	licrograms/cubic m	eter (25 C)
PQAO:			artment Of Envi								MIN DETE	CTABLE:	
Deve	MONTH		MADOU	ADDII	M337	TINE	TI II 37	AUGUGE			NOVEMBED	DEGEMBED	
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1											.001	.001	
2									.001	.002			
3								.001					
4	.002	AF		.001	.000 ND	.001	.001						
5	.002		.000 ND	.001	.000 ND								
7			.000 ND								.000 ND	.001	
8									AF	.000 ND	1000 112	1001	
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										

.000 ND

.001

26 .001 .001 27 .001 28 .000 ND .000 ND .000 ND 29 .000 ND AF AF 30 .000 ND 31 .001 1 3 3 2 4 5 5 5 5 5 6 NO.: 4 MAX: .002 .001 .001 .001 .002 .001 .001 .002 .005 .002 .001 .001 .0007 .0003 .0010 .0008 .0008 .0004 .0010 .0018 .0008 .0004 .0008 MEAN: .0020

ANNUAL OBSERVATIONS: 48 ANNUAL MEAN: .0008 ANNUAL MAX: .005

19

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Jul. 3, 2019

(12103) Arsenic (TSP) STP		CAS NUMBER: 7440-38-2
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	STATE: (42) Pennsylvania AQCR: (045) METROPOLITAN PHILADELPHIA URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ LAND USE: INDUSTRIAL LOCATION SETTING: URBAN AND CENTER CITY	LATITUDE: 39.835556 LONGITUDE: -75.3725 UTM ZONE: UTM NORTHING: UTM EASTING: ELEVATION-MSL: 3
MONITOR COMMENTS: SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: OTHER COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER PQAO: (0851) Pennsylvania Department Of Environmental Protection	REPORT FOR: 2015	PROBE HEIGHT: 3 DURATION: 24 HOUR UNITS: Micrograms/cubic meter (25 C) MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.000 ND									
2											AF	.000 ND
3									.001	.000 ND		
4								AF				
5		.000 ND				.000 ND	.001					
6	.001			.001	.001							
7			.000 ND									
8									000 100	0.01	.000 ND	.001
9 10								.000 ND	.000 ND	.001		
10		.000 ND				.001	.000 ND	.000 ND				
12	.001	.000 ND		.002	.001	.001	.000 ND					
13	.001		.000 ND	.002	.001							
14											.000 ND	.001
15									.002	.000 ND		
16								.002				
17		.001				.000 ND	.000 ND					
18	.001			.002	.002							
19			.000 ND									
20											.000 ND	.000 ND
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 29						.000 ND	.001	.002				
30	.000 ND			.000 ND	.000 ND	.000 ND	.001					
31	.000 ND		.000 ND	.000 ND	.000 ND							
51												
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
ANNUAI	L OBSERVATIONS:	58	ANNUAL MEAN:	.0005	ANNUAL MAX:	.002						

Jul. 3, 2019

(12103) Arsenic (TSP) STP		CAS NUMBER: 7440-38-2
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	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:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.000 ND									
2											.001	.000 ND
3									.003 5	.001		
4								.000 ND				
5		000 100		000 10	000 375	.000 ND	.000 ND					
6 7	.001	.000 ND	.001	.000 ND	.000 ND							
8	.001		.001								.001	.001
9									.000 ND	.001	.001	.001
10								.000 ND	.000 MD	.001		
11						.002	.000 ND	1000 112				
12		AV		.000 ND	.001							
13	.000 ND		.001									
14											.002 5	.000 ND
15									.000 ND	.000 ND		
16								.000 ND				
17						.000 ND	.000 ND					
18		FI		.000 ND	.000 ND							
19	.000 ND		.000 ND									
20											.000 ND	.000 ND
21									.001	.001		
22								.000 ND				
23						.000 ND	.001					
24		.000 ND		.000 ND	.001							
25	.000 ND		.000 ND								0.01	000 MD
26 27									.000 ND	.001	.001	.000 ND
27								.000 ND	.000 DD	.001		
20						.000 ND	.000 ND	.000 ND				
30				.000 ND	.000 ND	.000 MD	.000 MD					
31	.001		.000 ND	1000 112	1000 112							
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
ANNUA	L OBSERVATIONS	: 59	ANNUAL MEAN:	.0004	ANNUAL MAX:	.003						

							AIR QUALI						- 1 0 0010
							RAW DATA	A REPORT					Jul. 3, 2019
( :	12103) Arseni	c (TSP) STP										CAS NUMBER:	7440-38-2
SITE II	D: 42-045-000	2 POC: 2										LATITUDE:	39.835556
	: (045) Delawa						STATE					LONGITUDE:	-75.3725
	13208) Cheste						AQCR:		POLITAN PHILADEI			UTM ZONE:	
		ST & NORRIS S	г						<ol> <li>PHILADELPHIA</li> </ol>	, PA-NJ		UTM NORTHING	:
		TER COPAMS SITH		A GAS P2300111	PA SITE CODE			USE: INDUSTRIA				UTM EASTING:	_
MONITO	R COMMENTS:						LOCAT	ION SETTING:	URBAN AND CEN	NTER CITY		ELEVATION-MSI	
												PROBE HEIGHT	: 3
		51) Pennsylvani	ia Department O	)f Environmenta	l Protection			0.01	-		DURATIO	N: 24 HOUR	
	R TYPE: OTHER						REPO	RT FOR: 201'	/			Micrograms/cubic me	ter (25 C)
PQAO:		YSIS METHOD: ( nnsylvania Depa										ECTABLE: .000087	(25 0)
PQA0.	(0851) Pei	msyivania Depa	irtment OI Envi	ronmental prot	ection						MIN DEI	ECIABLE: .000087	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	.000 ND			.000 ND	.000 ND								
2			.000 ND										
3													
4													
5													
б		.001				.000 ND							
7	.000 ND		000.175	.000 ND	.001								
8			.000 ND										
9 10													
10													
12		.000 ND				.000 ND							
13	.000 ND			.000 ND	.000 ND								
14			.000 ND										
15													
16													
17													
18		.003 5				.000 ND							
19	.000 ND			.000 ND	.001								
20 21			.000 ND										
21													
23													
23		.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							

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.

.0002

ANNUAL MEAN:

ANNUAL MAX:

.003

ANNUAL OBSERVATIONS:

31

							AIR QUALITY						
							RAW DATA 1	REPORT					Jul. 3, 2019
(1	.2105) Beryll	ium (TSP) STP										CAS NUMBER:	7440-41-7
												LATITUDE:	39.835556
	0: 42-045-000						STATE:	(42) Pennsyl	vania			LONGITUDE:	-75.3725
	(045) Delaw						AQCR:		OLITAN PHILADEL	PHIA		UTM ZONE:	
	13208) Chest						URBANIZ	ED AREA: (6160	) PHILADELPHIA,	PA-NJ		UTM NORTHING:	:
		r st & norris s'					LAND US	E: INDUSTRIAL				UTM EASTING:	
		STER COPAMS SITE	E / PHILADELPHI	A GAS P2300111	PA SITE CODE		LOCATIC	N SETTING:	URBAN AND CENT	TER CITY		ELEVATION-MSI	.: 3
MONITOF	COMMENTS:											PROBE HEIGHT:	3
SUPPORT	AGENCY: (08	51) Pennsylvani	ia Department O	f Environmenta	1 Protection								
	TYPE: OTHER		ra beparemente o	1 2117110111011101	1 11000001011		REPORT	FOR: 2013			DURATION	: 24 HOUR	
		YSIS METHOD: (	089) HI-VOL ICE	P/MS W/OUARTZ B	FILTER		ithi oith	r ronce			UNITS: N	anograms/cubic met	er (25 C)
PQAO:		nnsylvania Depa									MIN DETE	CTABLE:	
~ ·													
	MONTH												
Day	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										
12											.000 ND	AF	
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 -	.000 ND	AF								
29			.000 ND								000 100	000 100	
30 31										.000 ND	.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	
ΔΝΝΙΤΑ	L OBSERVATIO	NS: 41	ANNUAL MEAN:	.0306	ANNUAL MAX:	1.253							
run OA	L CDOBRANITO	41	ANNUAL PIEAN.	.0500	HINORE PRA-	1.200							

							AIR QUALITY						
							RAW DATA I	REPORT					Jul. 3, 201
(1	.2105) Berylliu	um (TSP) STP										CAS NUMBER:	7440-41-7
TTE TE	: 42-045-0002	POC: 2										LATITUDE:	39.835556
	(045) Delawar						STATE:	(42) Pennsylv				LONGITUDE:	-75.3725
	13208) Chester						AQCR:		OLITAN PHILADEL			UTM ZONE:	
	DRESS: FRONT :		ſ						) PHILADELPHIA,	PA-NJ		UTM NORTHING	
SITE CC	MMENTS: CHEST	ER COPAMS SITE	/ PHILADELPHIA	A GAS P2300111	PA SITE CODE			E: INDUSTRIAL				UTM EASTING:	
MONITOR	COMMENTS:						LOCATIO	N SETTING:	URBAN AND CENT	PER CITY		ELEVATION-MS PROBE HEIGHT	
					1							PROBE HEIGHT	• 5
	AGENCY: (085)	l) Pennsylvani	a Department Of	Environmenta	I Protection		REPORT	FOR: 2014			DURATION	: 24 HOUR	
		SIS METHOD: ((	089) HI-VOL ICP,	/MS W/OUARTZ F	FILTER		REPORT	FOR:			UNITS: N	Janograms/cubic met	ter (25 C)
PQAO:			rtment Of Envir								MIN DETE	CTABLE :	
	MONTH												
Davr		FEBRUARY	MADOU	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
Day	JANUARY	FEBRUARI	MARCH	APRIL	MAI	JUNE	JULI	AUGUSI	SEPIEMBER	OCIOBER			
1											.000 ND	.000 ND	
2									.000 ND	.000 ND			
3 4		AF				.000 ND	.000 ND	.000 ND					
4 5	.000 ND	AF		.000 ND	.000 ND	.000 UN	.000 ND						
6	.000 ND		.000 ND	.000 ND	.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										
13											.000 ND	.000 ND	
14 15								.000 ND	.000 ND	.000 ND			
16		.000 ND				.000 ND	.000 ND	.000 ND					
17	AF	.000 ND		AF	AF	.000 ND	.000 MD						
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									000 100	
25 26									.000 ND	.000 ND	.000 ND	.000 ND	
20 27								.000 ND	.000 UD	.000 ND			
28		.000 ND				.000 ND	.000 ND	.500 MD					
29	AF			AF	.000 ND								
30			.000 ND										
31												.000 ND	
NO.:	1	3	3	2	4	5	5	5	4	5	5	6	
4AX:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
MEAN:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
ANNUA	L OBSERVATIONS	: 48	ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000							

Jul. 3, 2019

(12105) Beryllium (TSP) STP		CAS NUMBER: 7440-41-7	
SITE ID: 42-045-0002 POC: 2		LATITUDE: 39.835556	
	STATE: (42) Pennsylvania	LONGITUDE: -75.3725	
COUNTY: (045) Delaware	AQCR: (045) METROPOLITAN PHILADELPHIA	UTM ZONE:	
CITY: (13208) Chester	URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ	UTM NORTHING:	
SITE ADDRESS: FRONT ST & NORRIS ST	LAND USE: INDUSTRIAL	UTM EASTING:	
SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE	LOCATION SETTING: URBAN AND CENTER CITY	ELEVATION-MSL: 3	
MONITOR COMMENTS:		PROBE HEIGHT: 3	
SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: OTHER	REPORT FOR: 2015	URATION: 24 HOUR	
COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/OUARTZ FILTER		NITS: Nanograms/cubic meter (25 C)	
PQAO: (0851) Pennsylvania Department Of Environmental Protection	М	IN DETECTABLE:	

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.000 ND									
2											AF	.000 ND
3									.000 ND	.000 ND		
4								AF				
5		.000 ND				.000 ND	.000 ND					
6	.000 ND			.000 ND	.000 ND							
7			.000 ND									
8 9									.000 ND	.000 ND	.000 ND	.000 ND
9 10								.000 ND	.000 ND	.000 ND		
10		.000 ND				.000 ND	.000 ND	.000 ND				
12	.000 ND	.000 ND		.000 ND	.000 ND	.000 MD	.000 ND					
13	10000 112		.000 ND	1000 112	1000 112							
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				.000 ND	.000 ND					
24	.000 ND			.000 ND	.000 ND							
25			.000 ND									
26											.000 ND	.000 ND
27								000 100	.000 ND	.000 ND		
28 29						.000 ND	.000 ND	.000 ND				
30	.000 ND			.000 ND	.000 ND	.000 ND	.000 ND					
31	.000 ND		.000 ND	.000 ND	.000 MD							
51												
NO.:	5	4	б	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
ANNUAI	L OBSERVATIONS:	58	ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000						

Jul. 3, 2019

(12105) Beryllium (TSP) STP       CAS NUMBER:       7440-41         SITE ID: 42-045-0002       POC: 2       LATITUDE:       39.8355         COUNTY: (045) Delaware       LONGITUDE:       -75.372         CITY: (13208) Chester       AQCR:       (045) METROPOLITAN PHILADELPHIA       UTM ZONE:         SITE ADDRESS: FRONT ST & NORRIS ST       UTM NORTHING:       UTM NORTHING:         SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE       LAND USE: INDUSTRIAL       UTM EASTING:	
SITE ID: 42-045-0002       POC: 2       STATE: (42) Pennsylvania       LONGITUDE: -75.372         COUNTY: (045) Delaware       AQCR: (045) METROPOLITAN PHILADELPHIA       UTM ZONE:         CITY: (13208) Chester       URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ       UTM NORTHING:         SITE ADDRESS: FRONT ST & NORRIS ST       LAND USE: INDUSTRIAL       UTM EASTING:	
MONITOR COMMENTS: LOCATION SETTING: URBAN AND CENTER CITY 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 POAO: (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:	

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.000 ND									
2											.000 ND	.000 ND
3									.000 ND	.000 ND		
4								.000 ND				
5						.000 ND	.000 ND					
б		.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									
14									000 MD	000 100	.000 ND	.000 ND
15 16								.000 ND	.000 ND	.000 ND		
17						.000 ND	.000 ND	.000 ND				
18		FI		.000 ND	.000 ND	.000 MD	.000 ND					
19	.000 ND		.000 ND	10000 112	1000 112							
20											.000 ND	.000 ND
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		.000 ND	.000 ND							
25	.000 ND		.000 ND									
26											.000 ND	.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
ANNUAI	OBSERVATIONS:	59	ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000						

RAW DAIA REPORT				REPORT	
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								A REPORT					Jul. 3, 2019
							RAW DAI	A REPORT					
(1	2105) Berylli	um (TSP) STP										CAS NUMBER:	7440-41-7
SITE ID	: 42-045-0002	POC: 2										LATITUDE:	39.835556
	(045) Delawar						STATI					LONGITUDE:	-75.3725
	.3208) Chester						AQCR		ROPOLITAN PHILA			UTM ZONE:	
		ST & NORRIS ST	r						L60) PHILADELPH	IA, PA-NJ		UTM NORTHING	
			. / PHILADELPHIA	GAS P2300111	PA SITE CODE			USE: INDUSTR				UTM EASTING:	
MONITOR	COMMENTS:						LOCA	FION SETTING:	URBAN AND	CENTER CITY		ELEVATION-MS	
												PROBE HEIGHT	3
		1) Pennsylvani	a Department Of	Environmenta	l Protection						DURATIO	ON: 24 HOUR	
	TYPE: OTHER						REP	ORT FOR: 20	17			Nanograms/cubic me	- or (2E (1)
			089) HI-VOL ICP/										Ler (25 C)
PQAO:	(0851) Penr	nsylvania Depa	rtment Of Envir	onmental Prote	ection						MIN DET	rectable: .008	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	.000 ND			.000 ND	.000 ND								
2			.000 ND										
3													
4													
5													
б		.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		000 100	.000 ND	.000 ND								
14 15			.000 ND										
15													
17													
18		.000 ND				.000 ND							
19	.000 ND			.000 ND	.000 ND								
20			.000 ND										
21													
22													
23													
24		.000 ND				.000 ND							
25	.000 ND			.000 ND	.000 ND								
26			.000 ND										
27													
28													
29													
30	0.0.0				0.00 MD	.000 ND							
31	.000 ND				.000 ND								
NO.:	6	4	5	5	6	5	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							

							AIR QUALII	I SISIEM					
							RAW DATA	REPORT					Jul. 3, 2019
(12	2110) Cadmiu	um (TSP) STP										CAS NUMBER:	7440-43-9
(12	iii) caamio	an (IDI) DII										LATITUDE:	39.835556
SITE ID:	42-045-000	2 POC: 2					STATE:	(42) Pennsyl	vania			LONGITUDE:	-75.3725
COUNTY:	(045) Delaw	are					AQCR :		OLITAN PHILADEL	рнта		UTM ZONE:	/515/25
CITY: (1	3208) Cheste	er							) PHILADELPHIA,			UTM NORTHING:	
SITE ADI	DRESS: FRONT	ST & NORRIS S	Т					SE: INDUSTRIA		IA NO		UTM EASTING:	
SITE COM	MENTS: CHES	TER COPAMS SITE	E / PHILADELPH	IA GAS P2300111	PA SITE CODE			ON SETTING:	URBAN AND CENT	TER CITY		ELEVATION-MSL	: 3
MONITOR	COMMENTS:						Doomin	011 00111110				PROBE HEIGHT:	
	(											TRODE INFORM.	5
		-	ia Department	Of Environmental	l Protection			T FOR: 2013			DURATION	I: 24 HOUR	
	TYPE: OTHER		000) HT HOT TO				REPOR'	T FOR: 2013			TINITTS: N	Micrograms/cubic met	er (25 C)
				CP/MS W/QUARTZ F								-	CI (25 C)
PQAO:	(0851) Pe	nnsylvania Depa	artment OI Env:	ironmental Prote	ection						MIN DETE	CTABLE :	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1									AF	AF			
2								AF	Ar	Ar			
3						AF	.000 ND	AL.					
4				.000 ND	.000 ND	m	.000 HD						
5			.000	.000 ND	.000 ND								
6			.000								.002 5	.000 ND	
7									AF	.000	.002.5	1000 112	
8								.000 ND		1000			
9		.001 5				AF	AF						
10				.001 5	.001								
11			.000 ND										
12											.000	AF	
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				.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	
	5	-	5	5	5	-	5	5	-	5	5	-	

MAX: .001 .001 .001 .001 0.000 0.000 .001 0.000 .0005 .0002 .0007 0.0000 0.0000 .0003 0.0000 MEAN: .0002 ANNUAL MAX: .002 ANNUAL OBSERVATIONS: 41 ANNUAL MEAN: .0003

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.

.001

.0004

.002

.0006

.001

.0003

							AIR QUALITI	515156					
							RAW DATA	REPORT					Jul. 3, 2019
(	12110) Cadmiu	um (TSP) STP										CAS NUMBER:	7440-43-9
0788	ID: 42-045-000	)2 POC: 3	2									LATITUDE:	39.835556
	1D: 42-045-000 7: (045) Delaw		2				STATE:	(42) Pennsyl	vania			LONGITUDE:	-75.3725
	(13208) Chest						AQCR:	(045) METROP	OLITAN PHILADEI	JPHIA		UTM ZONE:	
		T ST & NORRIS :	ο <del>π</del>				URBANIZ	XED AREA: (6160	) PHILADELPHIA,	PA-NJ		UTM NORTHING:	
				TA CAS D22001	11 PA SITE CODE		LAND US	SE: INDUSTRIAL	1			UTM EASTING:	
	DR COMMENTS:	SIER COPANS SI	IS / FILLADEDFIL	IA GAS F25001.	II FA SIIE CODE		LOCATIC	N SETTING:	URBAN AND CEN	TER CITY		ELEVATION-MSL	: 3
HONETO	it commute											PROBE HEIGHT:	3
SUPPOR	RT AGENCY: (08	351) Pennsylvar	nia Department	Of Environment	al Protection							1: 24 HOUR	
	OR TYPE: OTHER						REPORT	r for: 2014				4.24 HOOK Micrograms/cubic met	(05.0)
			(089) HI-VOL IC									-	er (25 C)
PQAO:	(0851) Pe	ennsylvania Dep	artment Of Env:	ronmental Pro	tection						MIN DETH	CLABLE:	
	MONTH												
Day	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 11	AF	AF		.000	.000 ND	.000 ND	.000						
11	AF		.001 5	.000	.000 ND								
13			.001 5								.000 ND	.000	
14									.001	.000 ND	.000 MD	.000	
15								.000 ND		1000 112			
16		.000				.000 ND	.000 ND						
17	AF			AF	AF								
18			AF										
19											.000	.000 ND	
20									.000	.000 ND			
21								.000					
22		.000				.000 ND	.000 ND						
23	AF			AM	.001								

25												
24			AF									
25											.000	.000 ND
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

Jul. 3, 2019

(12110) Cadmium (TSP) STP		CAS NUMBER: 7440-43-9
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	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:

	MONTH											
Day	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									000 100	000	.000 ND	.000
9 10								.000 ND	.000 ND	.000		
10		.000 ND				.000 ND	.000 ND	.000 ND				
12	.000	.000 ND		.000 ND	.000 ND	.000 MD	.000 MD					
13			.000 ND	1000 112	1000 112							
14											.000 ND	.000
15									.000	.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		000 175	000 100	.001 5	.000					
24 25	.000		.000 ND	.000 ND	.000 ND							
25			.000 ND								.000	.000 ND
20									.000	.000	.000	.000 ND
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
ANNUAI	OBSERVATIONS:	58	ANNUAL MEAN:	.0001	ANNUAL MAX:	.001						

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AIR QUALITY SYSTEM קטע האיז הבטטא

	RAW DATA REPORT	Jul. 3, 2019
(12110) Cadmium (TSP) STP		CAS NUMBER: 7440-43-9
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	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	REPORT FOR: 2016	DURATION: 24 HOUR

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

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.000 ND									
2											.000 ND	.000 ND
3									.000	.000 ND		
4								.000 ND				
5		000 100		000 100	000 100	.000	.000 ND					
6 7	.000 ND	.000 ND	.000 ND	.000 ND	.000 ND							
8	.000 ND		.000 MD								.000 ND	.000
9									.000 ND	.000 ND	.000 ND	.000
10								.000 ND	1000 112	1000 112		
11						.000	.000 ND					
12		AV		.000 ND	.000 ND							
13	.000 ND		.000									
14											.001 5	.000
15									.000 ND	.000 ND		
16								.000 ND				
17						.000 ND	.000 ND					
18		FI		.000 ND	.000 ND							
19	.000		.000 ND									
20											.000 ND	.000
21									.000 ND	.000 ND		
22						000 100	000 100	.000 ND				
23 24		.000 ND		.000 ND	.000 ND	.000 ND	.000 ND					
24	.001 5	.000 ND	.000	.000 MD	.000 ND							
26	.001 5		.000								.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
ANNUA	L 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.

MONTH

RAW	DATA	REPORT

									TY SYSTEM					- 1 0 0010
Image: Solution: Solution								RAW DAT	A REPORT					Jul. 3, 2019
ITTE IN 194 10-903       TOTE 1       CONTRACT       (12) CONTRACT       CONTRACT </td <td>(1</td> <td>12110) Cadmium</td> <td>(TSP) STP</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>CAS NUMBER:</td> <td>7440-43-9</td>	(1	12110) Cadmium	(TSP) STP										CAS NUMBER:	7440-43-9
CONTROL (1983) DELAWARE         CALAMATE         CALAMA	SITE II	c: 42-045-0002	POC: 2										LATITUDE:	39.835556
CITY 102100 Checker         Consert         Consert <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>STATE</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-75.3725</td>								STATE						-75.3725
SITE MORES         FUNCTION														
In the conductor of each term of a conductor is a serie of a conductor of term of a conductor of term of a conductor is a conductor of term of a conductor of term of a conductor of term of				T							PA-NJ			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $					A GAS P2300111	PA SITE CODE								
				_ ,				LOCAT	ION SETTING:	URBAN AND CEN	TER CITY			
													PROBE HEIGHT:	3
NUMBER	SUPPORT	r agency: (0851	l) Pennsylvan:	ia Department O	f Environmenta	l Protection						DUDATIO		
								REPO	ORT FOR: 2017	1				
NUMB         NAME         NAME <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>er (25 C)</td></t<>														er (25 C)
INTRACE     VARIMENT     VARIME	PQAO:	(0851) Penn	sylvania Depa	artment Of Envir	ronmental Prote	ection						MIN DET	ECTABLE: .00002	
		MONTH												
	Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
		0.01			000 ND	000 ND								
· .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0       · .00 M0         · .00 M0       · .00 M0       · .00 M0 <td></td> <td>.001</td> <td></td> <td>0.00 ND</td> <td>.000 ND</td> <td>.000 ND</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		.001		0.00 ND	.000 ND	.000 ND								
1.0. NO NO .00 NO .				.000 ND										
<ul> <li>.00 N0</li> <li>.00 N0</li></ul>														
6         .00 ND         .00 ND         .00 ND           7         .00 ND         .00 ND         .00 ND           8         .00 ND         .00 ND         .00 ND           10         .00 ND         .00 ND         .00 ND           11         .00 ND         .00 ND         .00 ND           12         .00 ND         .00 ND         .00 ND           13         .00 ND         .00 ND         .00 ND           14         .00         .00 ND         .00 ND           15         .00         .00 ND         .00 ND           14         .00         .00 ND         .00 ND           15         .00         .00 ND         .00 ND           16         .00         .00 ND         .00 ND           17         .00         .00 ND         .00 ND           18         .00         .00 ND         .00 ND           14         .00         .00 ND         .00 ND           14         .00         .00 ND         .00 ND           14         .00 ND         .00 ND         .00 ND           15         .00 ND         .00 ND         .00 ND           15         .00 ND         .00 ND <td></td>														
7       .00       .00 ND       .00 ND         8       .00 ND       .00 ND         9       .00 ND       .00 ND         11       .00 ND       .00 ND         12       .00 ND       .00 ND         13       .00 ND       .00 ND         14       .00       .00 ND         15       .00       .00 ND         16       .00       .00 ND         17       .00       .00 ND         18       .00       .00 ND         19       .01 S       .00 ND         19       .00       .00 ND         12       .00       .00 ND         13       .00 ND       .00 ND         14       .00 ND       .00 ND         15       .00 ND       .00 ND         16       .00 ND       .00 ND         17       .00 ND       .00 ND         18       .00 ND       .00 ND         19       .00 ND       .00 ND         10       .00 ND       .00 ND         11       .00 ND       .00 ND         12       .00 ND       .00 ND         13       .00 ND       .00 ND			.000 ND				.000 ND							
9       .00       ND       .000       ND         12       .000       ND       .000       ND         13       .000       ND       .000       ND         14       .000       .000       .000       ND         14       .000       .000       .000       ND         15       .000       .000       .000       ND         16       .000       .000       .000       ND         17       .000       .000       .000       ND         18       .000       .000       .000       ND         19       .001       .000       .000       ND         20       .000       .000       .000       .000         21       .000       .000       .000       .000         22       .000       .000       .000       .000         23       .000       .000       .000       .000         24       .000       .000       .000       .000         23       .000       .000       .000       .000         24       .001       0.000       .000       .000         25       .000       .000	7	.000			.000 ND	.000 ND								
10       .00 ND       .00 ND       .00 ND         13       .00 ND       .00 ND       .00 ND         14       .00       .00 ND       .00 ND         15       .00       .00 ND       .00 ND         16       .00       .00 ND       .00 ND         16       .00       .00 ND       .00 ND         17       .00       .00 ND       .00 ND         18       .00       .00 ND       .00 ND         19       .00       .00 ND       .00 ND         20       .00 ND       .00 ND       .00 ND         21       .00 ND       .00 ND       .00 ND         22       .00 ND       .00 ND       .00 ND         23       .00 ND       .00 ND       .00 ND         24       .00 ND       .00 ND       .00 ND         25       .00 ND       .00 ND       .00 ND         26       .00 ND       .00 ND       .00 ND         27       .00 ND       .00 ND       .00 ND         28       .00 ND       .00 ND       .00 ND         29       .00 ND       .00 ND       .00 ND         20       .00 ND       .00 ND       .00 ND     <	8			.000 ND										
11       .00 N0       .00 N0       .00 N0       .00 N0         14       .00 N0       .00 N0       .00 N0         15       .00       .00 N0       .00 N0         16       .00       .00 N0       .00 N0         17       .00 N0       .00 N0       .00 N0         18       .00 N0       .00 N0       .00 N0         19       .00 N0       .00 N0       .00 N0         10       .00 N0       .00 N0       .00 N0         12       .00 N0       .00 N0       .00 N0         13       .00 N0       .00 N0       .00 N0         14       .00 N0       .00 N0       .00 N0         15       .00 N0       .00 N0       .00 N0         16       .00 N0       .00 N0       .00 N0         17       .00 N0       .00 N0       .00 N0         18       .00 N0       .00 N0       .00 N0         19       .00 N0       .00 N0       .00 N0         10       .000 N0       .	9													
12       .00 ND       .00 ND       .00 ND         13       .00 ND       .00 ND       .00 ND         14       .00       .00 ND       .00 ND         15       .00       .00 ND       .00 ND         16       .00       .00 ND       .00 ND         16       .00       .00 ND       .00 ND         17       .00 ND       .00 ND       .00 ND         20       .00 ND       .00 ND       .00 ND         21       .00 ND       .00 ND       .00 ND         23       .00 ND       .00 ND       .00 ND         24       .00 ND       .00 ND       .00 ND         25       .000 ND       .00 ND       .00 ND         26       .000 ND       .00 ND       .00 ND         27       .00 ND       .00 ND       .00 ND         28       .000 ND       .000 ND       .00 ND         29       .000 ND       .000 ND       .00 ND         31       .000 ND       .000 ND       .000 ND         16       4       5       5       0       0       0       0       0         18ANNEL 0SEEWATIONS       31       NNUAL MENS       .001	10													
13       .00 ND       .00 ND       .00 ND         14       .00       .00       .00         15       .00       .00 ND       .00 ND         16       .00       .00 ND       .00 ND         17       .00       .00 ND       .00 ND         18       .00       .00 ND       .00 ND         19       .015       .00 ND       .00 ND         24       .00       .00 ND       .00 ND         23       .00       .00 ND       .00 ND         24       .00       .00 ND       .00 ND         25       .000 ND       .000 ND       .00 ND         26       .000 ND       .000 ND       .000 ND         26       .000 ND       .000 ND       .000 ND         27       .000 ND       .000 ND       .000 ND         28       .000 ND       .000 ND       .000 ND         29       .000 ND       .000 ND       .000 ND         200 ND       .000 ND       .000 ND       .00 ND         100 ND       .000 ND       .000 ND       .000 ND         100 ND       .000 ND       .000 ND       .000 ND         100 ND       .000 ND       .000 ND<	11													
14       .000         15       .000         16       .000         17       .000         18       .000         19       .015         .001       .000 ND         20       .000         21       .000 ND         22       .000 ND         23       .000 ND         24       .000 ND         25       .000 ND         26       .000 ND         27       .000 ND         28       .000 ND         29       .000 ND         .000 ND       .000 ND         28       .000 ND         .000 ND       .000 ND <td>12</td> <td></td> <td>.000 ND</td> <td></td> <td></td> <td></td> <td>.000 ND</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	12		.000 ND				.000 ND							
16	13	.000 ND			.000 ND	.000 ND								
16       .00       .00 ND       .00 ND         19       .01 5       .00 ND       .00 ND         20       .00       .00       .00         21       .00       .00       .00         22       .00       .00       .00         23       .00       .00       .00         24       .00       .00       .00         25       .000       .00       .00         26       .000       .00       .00         27       .00       .00       .00         28       .00       .00       .00         29       .00       .00       .00         29       .00       .00       .00         29       .00       .00       0       0         30       .00       .00       .00       .00         31       .00       .00       .000       .000         MAX:       .01       .000       .000       .000         MAX:       .013       .000       .000       .000         MUAL VAX:       .01       .001       .001       .001				.000										
17       .000       .000 ND       .000 ND         19       .01 5       .000 ND       .000 ND         20       .000       .000       .000 ND         21       .000 ND       .000 ND       .000 ND         22       .000       .000 ND       .000 ND         23       .000 ND       .000 ND       .000 ND         24       .000 ND       .000 ND       .000 ND         25       .000 ND       .000 ND       .000 ND         26       .000 ND       .000 ND       .000 ND         27       .000 ND       .000 ND       .000 ND         28       .000 ND       .000 ND       .000 ND         29       .000 ND       .000 ND       .000 ND         30       .000 ND       .000 ND       .000 ND         30       .000 ND       .000 ND       .000 ND         30       .000 ND       .000 ND       .000 ND         NN:       .001       .000 ND       .000 ND         MAX:       .003       .000       .000       .000         MINUL MEAN:       .001       .001       .001       .001														
18       .00       .00 ND       .00 ND         19       .01 5       .00 ND       .00 ND         20       .00       .00       .00         21       .00       .00       .00         22       .00       .00 ND       .00 ND         23       .00       .00 ND       .00 ND         24       .00 ND       .00 ND       .00 ND         25       .00 ND       .00 ND       .00 ND         26       .00 ND       .00 ND       .00 ND         27       .00 ND       .00 ND       .00 ND         28       .00 ND       .00 ND       .00 ND         30       .00 ND       .00 ND       .00 ND         31       .00 ND       .00 ND       .00 ND         MAX:       .01       .000       .000       .000         MAX:       .01       .000       .000       .000         1003       0.000       .000       .000       .000														
19       .001 5       .000 ND       .000 ND         20       .000       .000       .000 ND         21       .000 ND       .000 ND       .000 ND         23       .000 ND       .000 ND       .000 ND         24       .000 ND       .000 ND       .000 ND         25       .000 ND       .000 ND       .000 ND         26       .000 ND       .000 ND       .000 ND         27       .000 ND       .000 ND       .000 ND         28       .000 ND       .000 ND       .000 ND         29       .000 ND       .000 ND       .000 ND         30       .000 ND       .000 ND       .000 ND         NOA       .000 ND       .000 ND       .000 ND         MAX       .001       .000 ND       .000 ND         ANNUAL VOSERVATIONS       31       ANNUAL MAX       .01   <			0.0.0				000 100							
20       .00         21       .00         22       .00         23       .00 ND         24       .00 ND         25       .00         26       .00 ND         26       .00 ND         26       .00 ND         26       .00 ND         27       .00 ND         28       .00 ND         29       .00 ND         31       .00 ND         NO:       .00 ND         MAX:       .001       0.000         .003       0.000       .000         .0003       .0000       .000         .0001       .0001       .0001         .0003       .0000		001 5	.000		000 ND	000 ND	.000 ND							
21         22         23         24       .00 ND         25       .000         26       .000 ND         26       .000 ND         27       .000 ND         28       .000 ND         29		.001 5		0.00	.000 ND	.000 ND								
22         23         24       .00 ND         25       .00 ND         26       .00 ND         27       .00 ND         28       .00 ND         29       .00 ND         20       .00 ND         21       .00 ND         22       .00 ND         23       .00 ND         24       .00 ND         25       .00 ND         26       .00 ND         27       .00 ND         28       .00 ND         29       .00 ND         30       .00 ND         31       .00 ND         ND.:       .00 ND         6       4       .5       .5         .00 ND       .000       .000         MAX:       .01       0.000       .000         MEAN:       .001       0.000       .000         .000 ND       .000       .000       .000         ANNUAL MEAN:       .01       .01       .01				.000										
23       .00 ND       .00 ND         25       .00       .00 ND       .00 ND         26       .00 ND       .00 ND         27       .00 ND       .00 ND         28       .00 ND       .00 ND         29       .00 ND       .00 ND         31       .00 ND       .00 ND         31       .00 ND       .00 ND         NO.:       6       4       5       5       6       0       0       0       0       0         MAX:       .01       0.000       0.000       0.000       0.000       0.000       0.000         MNUAL VESERVATIONS:       31       ANNUAL MAX:       .01       .01       ANNUAL MAX:       .01														
24       .00 ND       .00 ND       .00 ND         25       .00       .00 ND       .00 ND         26       .00 ND       .00 ND         27       .00 ND       .00 ND         28       .00 ND       .00 ND         29       .00 ND       .00 ND         30       .00 ND       .00 ND         31       .00 ND       .00 ND         NO1       0.000       0.000         MAX:       .01       0.000       0.000         MAX:       .001       0.000       0.000         MNUAL VBSERVATIONS:       31       NNUAL MAX:       .001														
25       .00       .00 ND       .00 ND         26       .00 ND       .00 ND         27       .00 ND       .00 ND         28       .00 ND       .00 ND         29       .00 ND       .00 ND         30       .00 ND       .000 ND         31       .000 ND       .000         NO.:       6       4       5       5       0       0       0       0       0         MAX:       .001       0.000       0.000       0.000       0.000       0.000       0.000       0.000         MNUAL USERVATIONS:       31       ANNUAL MEAN:       .001       ANNUAL MAX:       .01			.000 ND				.000 ND							
26       .000 ND         27       .000 ND         28		.000			.000 ND	.000 ND								
28 29 30 31 3.000 ND NO.: 6 4 5 5 6 5 0 0 0 0 0 0 0 0 MAX: .001 0.000 0.000 0.000 0.000 MEAN: .003 0.000 0.000 0.000 0.000 ANNUAL OBSERVATIONS 31 ANNUAL MEAN: .001 ANNUAL MAX: .001				.000 ND										
29       .000 ND	27													
30       .000 ND         31       .000 ND         NO.:       6       4       5       5       6       0       0       0       0       0         MAX:       .001       0.000       0.000       0.000       0.000       0.000       0	28													
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       <	29													
NO.:       6       4       5       5       0	30						.000 ND							
MAX:       .001       0.000       0.000       0.000       0.000         MEAN:       .0003       0.0000       0.0000       0.0000       0.0000         ANNUAL OBSERVATIONS:       31       ANNUAL MEAN:       .0001       ANNUAL MAX:       .001	31	.000 ND				.000 ND								
MAX:       .001       0.000       0.000       0.000       0.000         MEAN:       .0003       0.0000       0.0000       0.0000       0.0000         ANNUAL OBSERVATIONS:       31       ANNUAL MEAN:       .0001       ANNUAL MAX:       .001	NO.:	6	4	5	5	6	5	0	0	0	0	0	0	
MEAN:         .0003         0.0000         0.0000         0.0000           ANNUAL OBSERVATIONS:         31         ANNUAL MEAN:         .0001         ANNUAL MAX:         .001														
	MEAN:	.0003					0.0000							
	ΔΝΝΙΤΔ	I. OBSERVATIONS	: 21		0001	ANNIJAT. MAY:	0.01							
Nata, Analifian adda with manipul analysis and them in when and there without														

							AIR QUALITY						
							RAW DATA 1	REPORT					Jul. 3, 2019
(1	2112) Chromiu	m (TSP) STP										CAS NUMBER:	7440-47-3
												LATITUDE:	39.835556
	: 42-045-0002						STATE:	(42) Pennsylv	vania			LONGITUDE:	-75.3725
	(045) Delawa						AQCR:	(045) METROPO	DLITAN PHILADEL	PHIA		UTM ZONE:	
	13208) Chester		_				URBANIZ	ED AREA: (6160)	PHILADELPHIA,	PA-NJ		UTM NORTHING:	
		ST & NORRIS ST					LAND US	E: INDUSTRIAL				UTM EASTING:	
		ER COPAMS SITE	E / PHILADELPHI.	A GAS P2300111	PA SITE CODE		LOCATIO	N SETTING:	URBAN AND CENT	TER CITY		ELEVATION-MSI	: 3
MONITOR	COMMENTS:											PROBE HEIGHT:	3
SUPPORT	AGENCY: (085	1) Pennsvlvani	.a Department O	f Environmenta	1 Protection								
	TYPE: OTHER	_,					REPORT	FOR: 2013			DURATION	24 HOUR	
		SIS METHOD: ((	089) HI-VOL ICP	/MS W/OUARTZ F	ILTER		1121 0111	1010			UNITS: M:	icrograms/cubic met	er (25 C)
PQAO:			rtment Of Envi								MIN DETEC	CTABLE:	
-													
	MONTH												
Day	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										
12											.000 ND	AF	
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		.000 ND	.023						
22 23			.000 ND	.000 ND	AF								
23 24			.000 ND								.000 ND	.000 ND	
24 25									AF	.000 ND	.000 UND	.000 UND	
25								.000 ND	AF	.000 ND			
20		.000 ND				.000 ND	.000 ND	.000 ND					
27		.000 MD		.000 ND	AF	.000 MD	.000 ND						
20			.000 ND	.000 MD	m								
30			.000 ND								.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	
ANNUAI	L OBSERVATIONS	3: 41	ANNUAL MEAN:	.0007	ANNUAL MAX:	.023							

							AIR QUALITY						T-1 2 2010
							RAW DATA 1	REPORT					Jul. 3, 2019
(1	L2112) Chromiu	um (TSP) STP										CAS NUMBER:	7440-47-3
SITE II	0: 42-045-0002	POC: 2										LATITUDE:	39.835556
	(045) Delawa						STATE:	(42) Pennsyl				LONGITUDE:	-75.3725
	13208) Chester						AQCR:		OLITAN PHILADEL			UTM ZONE:	
		ST & NORRIS ST	r						) PHILADELPHIA,	PA-NJ		UTM NORTHING	:
			C / PHILADELPHI	A GAS P2300111	PA SITE CODE			E: INDUSTRIAL				UTM EASTING:	
	R COMMENTS:						LOCATIC	N SETTING:	URBAN AND CEN	TER CITY		ELEVATION-MS	
												PROBE HEIGHT	: 3
		1) Pennsylvani	a Department Of	Environmenta	al Protection							: 24 HOUR	
	R TYPE: OTHER						REPORT	r FOR: 2014					
			089) HI-VOL ICP									licrograms/cubic me	eter (25 C)
PQAO:	(0851) Pen	nsylvania Depa	rtment Of Envir	conmental Prot	ection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1											.000 ND	.000 ND	
2									.000 ND	.000 ND	.000 ND	.000 MD	
3								.000 ND	.000 ND	.000 MD			
4		AF				.000 ND	.000 ND	1000 112					
5	.000 ND			.000 ND	.000 ND								
6			.000 ND										
7											.000 ND	.000 ND	
8									AF	.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								000 100	000 100	
19 20									.000 ND	.000 ND	.000 ND	.000 ND	
20 21								.000 ND	UUU UUU.	.000 MD			
21		.000 ND				.000 ND	.000 ND	.000 ND					
22	AF	.000 MD		AM	.000 ND	.000 MD	.000 MD						
23			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	б	
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	
										= -			
ANNUA	L OBSERVATIONS	S: 48	ANNUAL MEAN:	.0010	ANNUAL MAX:	.029							

Jul. 3, 2019

(12112) Chromium (TSP) STP		CAS NUMBER: 7440-47-3
SITE ID: 42-045-0002 POC: 2 COUNTY: (045) Delaware CITY: (13208) Chester SITE ADDRESS: FRONT ST & NORRIS ST	STATE: (42) Pennsylvania AQCR: (045) METROPOLITAN PHILADELPHIA URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ LAND USE: INDUSTRIAL	LATITUDE: 39.835556 LONGITUDE: -75.3725 UTM ZONE: UTM NORTHING: UTM EASTING:
SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE MONITOR COMMENTS:	LOCATION SETTING: URBAN AND CENTER CITY	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 POAO: (0851) Pennsylvania Department Of Environmental Protection	REPORT FOR: 2015	DURATION: 24 HOUR UNITS: Micrograms/cubic meter (25 C) MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.000 ND									
2											AF	.000 ND
3									.000 ND	.000 ND		
4								AF				
5		.000 ND				.000 ND	.000 ND					
6	.000 ND			.000 ND	.000 ND							
7			.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10		000 100				000	000 100	.000 ND				
11 12	.000 ND	.000 ND		.000 ND	.000 ND	.006	.000 ND					
13	.000 ND		.000 ND	.000 ND	.000 ND							
14			.000 ND								.000 ND	.000 ND
15									.000 ND	.000 ND	1000 112	1000 112
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				.007	.000 ND					
24	.000 ND			.000 ND	.000 ND							
25			.000 ND									
26									000 100	000 100	.000 ND	.000 ND
27 28								.000 ND	.000 ND	.000 ND		
28 29						.000 ND	.000 ND	.000 ND				
30	.000 ND			.000 ND	.006	.000 ND	.000 ND					
31	.000 ND		.000 ND	.000 MD	.000							
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
ANNUAI	L OBSERVATIONS:	58	ANNUAL MEAN:	.0003	ANNUAL MAX:	.007						

	<u>x</u>	
F	RAW DATA REPORT	Jul. 3, 2019
(12112) Chromium (TSP) STP		CAS NUMBER: 7440-47-3
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	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	REPORT FOR: 2016	DURATION: 24 HOUR

 MONITOR TYPE: OTHER
 REPORT FOR:
 2016
 DURATION: 24 HOR

 COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER
 UNITS: Micrograms/cubic meter (25 C)

 PQA0:
 (0851) Pennsylvania Department Of Environmental Protection
 MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.000 ND									
2											.000 ND	.000 ND
3									.000 ND	.000 ND		
4								.000 ND				
5						.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	000 377	AV	000 100	.000 ND	.000 ND							
13 14	.000 ND		.000 ND								.000 ND	.000 ND
15									.000 ND	.000 ND	.000 ND	.000 ND
16								.000 ND	.000 ND	.000 MD		
17						.000 ND	.000 ND	.000 MD				
18		FI		.000 ND	.000 ND							
19	.000 ND		.000 ND									
20											.000 ND	.000 ND
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		.000 ND	.000 ND							
25	.000 ND		.000 ND									
26											.000 ND	.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
ANNUAI	L OBSERVATIONS	: 59	ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000						

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY ATD OUALTTV SVOTEM

							AIR QUALI	TY SYSTEM					
							RAW DAT	A REPORT					Jul. 3, 2019
	12112) Chromin											CAS NUMBER: LATITUDE:	7440-47-3 39.835556
	: (045) Delawa						STATE					LONGITUDE:	-75.3725
CITY: (	13208) Cheste	r					AQCR :		POLITAN PHILADEI			UTM ZONE:	
SITE AI	DDRESS: FRONT	ST & NORRIS S	Т					USE: INDUSTRIA	0) PHILADELPHIA,	, PA-NJ		UTM NORTHING UTM EASTING:	•
SITE CO	OMMENTS: CHES	FER COPAMS SIT	E / PHILADELPH	IA GAS P2300111	PA SITE CODE			ION SETTING:	URBAN AND CEN	TTER CITY		ELEVATION-MS	т.: 3
MONITOR	R COMMENTS:						Doom					PROBE HEIGHT	
		51) Pennsylvan:	ia Department (	Of Environmenta	l Protection			NRT FOR: 2017	-		DURATIO	N: 24 HOUR	
	R TYPE: OTHER	VOIC METUOD: /	089) 41-001 10	CP/MS W/QUARTZ F	סיזידי די די		REPO	ORT FOR: 2017			UNITS:	Micrograms/cubic me	ter (25 C)
PQAO:				ironmental Prot								ECTABLE: .000522	()
1 2.10	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	.000 ND			.000 ND	.000 ND								
2			.000 ND										
3													
4													
5													
6 7	000 100	.000 ND		000 m	000 100	.021							
8	.000 ND		.000 ND	.000 ND	.000 ND								
9			.000 ND										
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 27			.000 ND										
27													
28													
22													

.000 ND .002 6 5 5 6 5 0 0 0 0 0 0 4 0.000 0.000 0.000 0.000 .003 .032 0.0000 0.0000 0.0000 .0008 .0262 0.0000 ANNUAL OBSERVATIONS: ANNUAL MAX: .032 31 ANNUAL MEAN: .0044

.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.

30

31

NO.:

MAX:

MEAN:

Jul. 3, 2019

						RAW DATA 1	REPORT					Jul. 3, 2019
(12128) L	ead (TSP) STP										CAS NUMBER:	7439-92-1
SITE ID: 42-04	5-0002 POC: 2										LATITUDE:	39.835556
COUNTY: (045) 1						STATE:	(42) Pennsylv	vania			LONGITUDE:	-75.3725
CITY: (13208) (						AQCR:		OLITAN PHILADEL			UTM ZONE:	
	FRONT ST & NORRIS S	т					ED AREA: (6160)		PA-NJ		UTM NORTHING:	
	CHESTER COPAMS SIT		GAS P2300111	PA SITE CODE			E: INDUSTRIAL				UTM EASTING:	
MONITOR COMMEN						LOCATIC	N SETTING:	URBAN AND CEN	TER CITY		ELEVATION-MSL	
											PROBE HEIGHT:	3
	: (0851) Pennsylvan:	ia Department Of	Environmental	l Protection			0010			DURATION	: 24 HOUR	
MONITOR TYPE: (	)THER ANALYSIS METHOD: (		MC M/OINDER E	ר מידי די		REPORT	FOR: 2013			UNITS: M	icrograms/cubic met	er (25 C)
	1) Pennsylvania Depa									MIN DETE		(,
	i) iciliisyivanita bepe	itemente of hivity	onmenicai rioce							MIN DELL	IADDE.	
MONTH												
Day JANUAR	Y FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1								AF	AF			
2							AF					
3					AF	.0000 ND						
4 5		0054	.0122 5	.0058								
6		.0054								.0079	.0000 ND	
8								AF	.0000 ND	.0079	.0000 ND	
8							.0000 ND		10000 112			
9	.0000 ND				AF	AF						
10			.0109 5	.0066								
11		.0000 ND										
12										.0000 ND	AF	
13								.0000 ND	.0000 ND			
14							AF					
15	.0074				AF	AF						
16		0000 175	.0000 ND	.0088								
17 18		.0000 ND								.0000 ND	.0081	
18								.0000 ND	.0062	.0000 ND	.0081	
20							.0066	.0000 ND	.0002			
21	.0000 ND				.0000 ND	.0055						
22			.0000 ND	AF								
23		.0060										
24										.0000 ND	.0053	
25								AF	.0000 ND			
26							.0000 ND					
27	.0000 ND				.0000 ND	.0000 ND						
28			.0065	AF								
29		.0000 ND										
30									0000	.0000 ND	.0000 ND	
31									.0000 ND			
NO.:	0 4	5	5	3	2	3	3	2	5	5	4	
MAX:	.0074	.0060	.0122	.0088	0.0000	.0055	.0066	0.0000	.0062	.0079	.0081	
MEAN:	.00185	.00228	.00592	.00707	0.00000	.00183	.00220	0.00000	.00124	.00158	.00335	
ANNUAL OBSERV	/ATIONS: 41	ANNUAL MEAN:	.00266	ANNUAL MAX:	.0122							

							RAW DATA H						Jul. 3, 2019
	0100) 7 . 1 (70											61.6 NER(DED.)	
(12	2128) Lead (TS	P) STP										CAS NUMBER: LATITUDE:	7439-92-1 39.835556
	: 42-045-0002	POC: 2					STATE:	(42) Pennsyl	vania			LONGITUDE:	-75.3725
	(045) Delawar	e					AOCR :	-	OLITAN PHILADEL	PHIA		UTM ZONE:	,5.5,25
	3208) Chester						-		) PHILADELPHIA,			UTM NORTHING:	
	DRESS: FRONT S							E: INDUSTRIAL				UTM EASTING:	
		R COPAMS SITE	E / PHILADELPHIA	GAS P2300111	PA SITE CODE			N SETTING:	URBAN AND CENT	TER CITY		ELEVATION-MSI	. 3
MONITOR	COMMENTS:											PROBE HEIGHT:	3
SUPPORT	AGENCY: (0851	) Pennsylvani	la Department Of	Environmenta	l Protection								
	TYPE: OTHER						REPORT	FOR: 2014			DURATION	: 24 HOUR	
COLLECT	ION AND ANALYS	IS METHOD: (	089) HI-VOL ICP/	MS W/QUARTZ F	TLTER						UNITS: M	icrograms/cubic me	ter (25 C)
PQAO:	(0851) Penn	sylvania Depa	rtment Of Envir	onmental Prot	ection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1											.0000 ND	.0068	
1 2									.0000 ND	.0000 ND	.0000 MD	.0000	
3								.0000 ND	.0000 MD	.0000 MD			
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								
12			.0109										
13											.0000 ND	.0000 ND	
14									.0000 ND	.0000 ND			
15		.0000 ND				0000 ND	0067	.0000 ND					
16 17	AF	.0000 ND		AF	AF	.0000 ND	.0067						
18	AF		AF	Ar	AP								
19			m								.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	.0057			
27								.0052					
28		.0055				.0000 ND	.0000 ND						
29	AF			AF	.0000 ND								
30 31			.0000 ND									.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	
	OBSERVATIONS	: 48	ANNUAL MEAN:	.00252	ANNUAL MAX:	.0109							

							RAW DATA						Jul. 3, 2019
							ICAW DATA	REPORT					
(1	2128) Lead (1	ISP) STP										CAS NUMBER:	7439-92-1
SITE ID	0: 42-045-0002	POC: 2										LATITUDE:	39.835556
	(045) Delawa						STATE:	(42) Pennsyl				LONGITUDE:	-75.3725
	13208) Cheste						AQCR:		OLITAN PHILADEL			UTM ZONE:	
		ST & NORRIS ST							) PHILADELPHIA,	PA-NJ		UTM NORTHING:	
				A GAS P2300111	PA SITE CODE			SE: INDUSTRIAL				UTM EASTING:	
	COMMENTS:						LOCATIC	ON SETTING:	URBAN AND CEN	TER CITY		ELEVATION-MSL	
												PROBE HEIGHT:	3
SUPPORT	AGENCY: (085	51) Pennsylvani	a Department C	)f Environmental	Protection						5115 X 17 0 1	: 24 HOUR	
MONITOR	A TYPE: OTHER						REPORT	r FOR: 2015					
COLLECT	ION AND ANAL	YSIS METHOD: (0	089) HI-VOL IC	P/MS W/QUARTZ F	ILTER						UNITS: M	icrograms/cubic met	er (25 C)
PQAO:	(0851) Per	nsylvania Depa	rtment Of Envi	ronmental Prote	ction						MIN DETE	CTABLE:	
	MONTH												
Day	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
 .000 ND

 16
 .0052

 17
 .0000 ND
 .0000 ND

 18
 .0000 ND
 .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		

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
	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

							AIR QUALIT	010101					
							RAW DATA	REPORT					Jul. 3, 2019
(	12128) Lead (	ISP) STP										CAS NUMBER:	7439-92-1
												LATITUDE:	39.835556
	D: 42-045-0002						STATE:	(42) Pennsylv	vania			LONGITUDE:	-75.3725
	: (045) Delawa						AQCR:	(045) METROPO	LITAN PHILADEL	PHIA		UTM ZONE:	
	13208) Cheste						URBANIZ	ED AREA: (6160)	PHILADELPHIA,	PA-NJ		UTM NORTHING	3:
		ST & NORRIS S					LAND US	E: INDUSTRIAL				UTM EASTING	:
		FER COPAMS SITE	E / PHILADELPH:	IA GAS P2300111	L PA SITE CODE		LOCATIC	N SETTING:	URBAN AND CEN	TER CITY		ELEVATION-MS	3L: 3
MONITO	R COMMENTS:											PROBE HEIGH	r: 3
SUPPOR	T AGENCY: (085	51) Pennsylvani	ia Department (	)f Environmenta	al Protection								
MONITO	R TYPE: OTHER	-	-				REPORT	r FOR: 2016			DURATION	1: 24 HOUR	
COLLEC	TION AND ANAL	YSIS METHOD: (	089) HI-VOL IC	P/MS W/QUARTZ H	FILTER						UNITS: N	licrograms/cubic m	eter (25 C)
PQAO:	(0851) Per	nsylvania Depa	artment Of Envi	ronmental Prot	ection						MIN DETE	CTABLE:	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	.0000 ND		.0000 ND										
2											.0000 ND	.0000 ND	
3									.0079	.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										
14											.0066	.0079	
15									.0063	.0000 ND			
16								.0000 ND					
17						.0069	.0000 ND						
18		FI		.0062	.0000 ND								
19	.0000 ND		.0000 ND										
20											.0000 ND	.0000 ND	
21									.0065	.0108 5			

22 .0000 ND 23 .0000 ND .0000 ND .0000 ND .0000 ND .0000 ND 24 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 6 2 6 5 5 5 5 5 5 5 5 NO.: 5 0.0000 MAX: .0072 0.0000 0.0000 .0062 .0051 .0069 0.0000 .0079 .0108 .0066 .0086 0.00000 .00216 .00330 MEAN: .00240 0.00000 0.00000 .00124 .00102 .00254 0.00000 .00414 .00368

.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.

.00178

ANNUAL MAX:

ANNUAL MEAN:

ANNUAL OBSERVATIONS:

59

							AIR QUALI						
							RAW DATA	A REPORT					Jul. 3, 2019
(1	12128) Lead (	TSP) STP										CAS NUMBER:	7439-92-1
												LATITUDE:	39.835556
	0: 42-045-000						STATE	: (42) Pennsy	lvania			LONGITUDE:	-75.3725
	(045) Delaw						AQCR:	(045) METRO	POLITAN PHILADEI	JPHIA		UTM ZONE:	
	13208) Cheste		-				URBAN	IZED AREA: (616	0) PHILADELPHIA,	PA-NJ		UTM NORTHING	:
		ST & NORRIS S					LAND	USE: INDUSTRIA	AL			UTM EASTING:	
	R COMMENTS: CHES	TER COPAMS SIT.	E / PHILADELPH.	IA GAS P2300111	I PA SITE CODE		LOCAT	ION SETTING:	URBAN AND CEN	TER CITY		ELEVATION-MSI	L: 3
MONITOR	COMMENTS:											PROBE HEIGHT	: 3
SUPPORT	r agency: (08	51) Pennsylvan:	ia Department (	Of Environmenta	al Protection								
MONITOR	R TYPE: OTHER						REPO	RT FOR: 201'	7		DURATIO	1: 24 HOUR	
COLLECT	FION AND ANAL	YSIS METHOD: (	089) HI-VOL IC	P/MS W/QUARTZ 1	FILTER						UNITS:	Micrograms/cubic me	ter (25 C)
PQAO:	(0851) Pe	nnsylvania Depa	artment Of Envi	ironmental Prot	ection						MIN DET	ECTABLE: .001119	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
		PEDROMICI	Pirateen			OUNE	0011	AUGUDI	OBT TERIDER	OCIOBER	NOVENEER	DECEMBER	
1	.0071			.0000 ND	.0000 ND								
2			.0000 ND										
3													
4													
6		.0055				.0016 5							
7	.0000 ND	.0055		.0000 ND	.0000 ND	.0010 5							
8			.0000 ND	10000 112	10000 112								
9													
10													
11													
12		.0000 ND				.0036							
13	.0000 ND			.0000 ND	.0000 ND								
14			.0000 ND										
15													
16													
17													
18	0056	.0081		0000 NT	0000 175	.0027 5							
19 20	.0056		.0059	.0000 ND	.0000 ND								
20			.0039										
21													
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							

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.

ANNUAL MEAN: .00158

ANNUAL MAX:

.0081

ANNUAL OBSERVATIONS:

31

Jul. 3, 2019

(12132) Manganese (TSP) STP		CAS NUMBER: 7439-96-5
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	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	JRATION: 24 HOUR NITS: Micrograms/cubic meter (25 C) IN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	oratorati	1 DDitorati	THE COM			00112	0021	1100001			novinibilit	Diobriddie
1 2								AF	AF	AF		
2						AF	.007	AF				
4				.013	.005	AF	.007					
5			.008	.015	.005							
6											.011	.002
7									AF	.018		
8								.007				
9		.005				AF	AF					
10				.032 5	.015							
11			.002									
12											.014	AF
13									.014	.004		
14								AF				
15		.008				AF	AF					
16				.007	.028							
17			.008									
18											.006	.011
19									.016	.011		
20						.015	0.21 5	.023				
21 22		.008		.005	AF	.015	.031 5					
22			.030	.005	Ar							
24			.050								.009	.011
25									AF	.019		.011
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
ANNUA	L 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.

MONTH

Jul. 3, 2019

(12132) Manganese (TSP) STP		CAS NUMBER: 7439-96-5
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	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 MONTH	REPORT FOR: 2014	DURATION: 24 HOUR UNITS: Micrograms/cubic meter (25 C) MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.005	.011
2									.015	.009		
3								.002				
4		AF				.019	.009					
5	.004			.020	.017							
6			.018									
7											.009	.003
8									AF	.010		
9 10		AF				.029	.017	.033 5				
10	AF	AP		.025	.020	.029	.017					
12	AF.		.023	.025	.020							
13			1025								.007	.005
14									.007	.005		
15								.011				
16		.007				.015	.021					
17	AF			AF	AF							
18			AF									
19											.008	.008
20									.007	.012		
21								.007				
22		.011				.009	.011					
23 24	AF		AF	AM	.015							
24 25			AF								.015	.003
26									.010	.023	.015	.005
27								.019	.010	.025		
28		.014				.013	.007					
29	AF			AF	.011							
30			.004									
31												.012
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
	L OBSERVATION	S: 48	ANNUAL MEAN:	.0124	ANNUAL MAX:	.033						

Jul. 3, 2019

STE ID: 42-045-0002       POC: 2       IATITUDE:       39.83556         COUNTY: (045) Delaware       STATE: (42) Pennsylvania       LONGITUDE:       -75.3725         CITY: (13208) Chester       QCR: (045) METROPOLITAN PHILADELPHIA       UTM ZONE:       -75.3725         SITE ADDRESS: FRONT ST & NORRIS ST       URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ       UTM NORTHING:       -75.3725         SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE       URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ       UTM NORTHING:       -75.3725         MONITOR COMMENTS:       USES INDUSTRIAL       UTM NORTHING:       -75.3725         SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection       MONITOR TYPE: OTHER       UREATION: 24 HOUR       -75.3725         COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER       REPORT FOR: 2015       DURATION: 24 HOUR       -75.3725         POAD:       (0851) Pennsylvania Department Of Environmental Protection       REPORT FOR: 2015       DURATION: 24 HOUR       -75.3725         POAD:       (0851) Pennsylvania Department Of Environmental Protection       MUNITS: Micrograms/cubic meter (25 C)       MUN DETECTABLE:	(12132) Manganese (TSP) STP		CAS NUMBER: 7439-96-5
MONITOR COMMENTS:     LOCATION SETTING:     URBAN AND CENTER CITY     ELEVATION-MSL:     3       SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection     DURATION: 24 HOUR     3       MONITOR TYPE: OTHER     REPORT FOR:     2015     DURATION: 24 HOUR       COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER     UNITS: Micrograms/cubic meter (25 C)	COUNTY: (045) Delaware CITY: (13208) Chester SITE ADDRESS: FRONT ST & NORRIS ST	AQCR: (045) METROPOLITAN PHILADELPHIA URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ	LONGITUDE: -75.3725 UTM ZONE: UTM NORTHING:
MONITOR TYPE: OTHER REPORT FOR: 2015 DURATION: 24 HOUR COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER UNITS: Micrograms/cubic meter (25 C)		LOCATION SETTING: URBAN AND CENTER CITY	
COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER UNITS: Micrograms/cubic meter (25 C)		REPORT FOR: 2015 DUR.	ATION: 24 HOUR
	COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER POAO: (0851) Pennsylvania Department Of Environmental Protection	UNI	

	MONTH											
Day	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 10								0.07	.011	.011		
10		.005				.025	.008	.027				
12	.010	.005		.013	.039 5	.025	.008					
13	.010		.009	.015	.055 5							
14											.008	.005
15									.018	.013		
16								.023				
17		.009				.006	.007					
18	.005			.023	.045 5							
19			.020									
20											.009	.005
21									.016	.017		
22								.009				
23		.005				.045 5	.013					
24	.005			.014	.016							
25			.014									
26									0.05	01.0	.007	.003
27 28								.018	.006	.010		
28						.010	.012	.018				
30	.007			.015	.014	.010	.012					
31			.018	.015								
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

.014

.006

Jul. 3, 2019

(12132) Manganese (TSP) STP		CAS NUMBER: 7439-96-5
SITE ID: 42-045-0002 POC: 2 COUNTY: (045) Delaware	STATE: (42) Pennsylvania	LATITUDE: 39.835556 LONGITUDE: -75.3725
CONNIT (04) DETAWATE CITY: (13208) Chester SITE ADDRESS: FRONT ST & NORRIS ST SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE MONITOR COMMENTS:	AQCR: (045) METROPOLITAN PHILADELPHIA URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ LAND USE: INDUSTRIAL LOCATION SETTING: URBAN AND CENTER CITY	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	REPORT FOR: 2016	DURATION: 24 HOUR UNITS: Micrograms/cubic meter (25 C)

PQAO: (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE: MONTH JANUARY Day FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER .010 1 .003 2 .012 .005 3 .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 .010 12 AV .004 13 .008 .005 14 .014 .014

16 .006 17 .009 .022 18 .014 .007 FI 19 .010 .004 20 .007 .009 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.

15

RAW	DATA	REPORT

							AIR QUALI						
							RAW DATA	REPORT					Jul. 3, 2019
( :	12132) Mangane	ese (TSP) STP										CAS NUMBER:	7439-96-5
												LATITUDE:	39.835556
	0: 42-045-0002		2				STATE	(42) Pennsy	lvania			LONGITUDE:	-75.3725
	: (045) Delawa						AQCR:		POLITAN PHILADEI	PHIA		UTM ZONE:	
	13208) Cheste								0) PHILADELPHIA,			UTM NORTHING:	:
	DDRESS: FRONT							JSE: INDUSTRIA				UTM EASTING:	
		TER COPAMS SIT	TE / PHILADELPHIA	GAS P230011	1 PA SITE CODE			ION SETTING:	URBAN AND CEN	TER CITY		ELEVATION-MSI	1: 3
MONITO	R COMMENTS:											PROBE HEIGHT:	
		1		-	1.5.1.1.1.1.1								
		1) Pennsylvan	nia Department Of	Environment	al Protection			RT FOR: 2017	7		DURATIO	N: 24 HOUR	
	R TYPE: OTHER		(000) 117 1107 700				REPO	RT FOR: 2017			UNITE:	Micrograms/cubic me	ter (25 C)
			(089) HI-VOL ICP										(25 C)
PQAO:	(0851) Pen	nsylvania Dep	artment Of Envir	onmental Pro	tection						MIN DET	ECTABLE: .00076	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
	0.07				014								
1 2	.007		011	.002	.014								
			.011										
3													
4													
5													
6 7		.013			0.0.5	.004							
	.005			.007	.006								
8 9			.011										
10													
11		0.05											
12 13	0.07	.005		010	0.01	.020							
13 14	.007		0.04	.010	.001								
14			.004										
15													
10													
18		.014				.014							
19	.010	.014		.004	.018	.014							
20	.010		.013	.004	.010								
20			.015										
21													
22													
23		.007				.046 5							
25	.008	.007		.003	.003	.040 5							
25	.000		.003	.005	.005								
20			.005										
28													
20													
30						.016							
30	.010				.004	.010							
	.010												
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							
ANNUA	L OBSERVATION	S: 31	ANNUAL MEAN:	.0097	ANNUAL MAX:	.046							

							AIR QUALITY						
							RAW DATA	REPORT					Jul. 3, 2019
(1	12136) Nickel	(TSP) STP										CAS NUMBER:	7440-02-0
SITE II	0: 42-045-000	2 POC: 2										LATITUDE:	39.835556
	: (045) Delawa						STATE:	(42) Pennsylv	vania			LONGITUDE:	-75.3725
	13208) Cheste						AQCR:	(045) METROPO	DLITAN PHILADEL	PHIA		UTM ZONE:	
		ST & NORRIS ST	т				URBANIZ	XED AREA: (6160)	PHILADELPHIA,	PA-NJ		UTM NORTHING	
			- E / PHILADELPHI	A CAS D2200111	DA STTE CODE		LAND US	SE: INDUSTRIAL				UTM EASTING:	
	R COMMENTS:	IER COPAMS SIII	5 / FILLADEDFILL	A GAS F2500111	FA SIIE CODE		LOCATIC	ON SETTING:	URBAN AND CEN	TER CITY		ELEVATION-MSI	3
MONTIO	C COMMENTS:											PROBE HEIGHT	3
SUPPORT	r AGENCY: (08	51) Pennsylvani	ia Department O	f Environmenta	l Protection								
MONITOR	R TYPE: OTHER						REPORT	r FOR: 2013			DURATION	: 24 HOUR	
COLLECT	FION AND ANAL	YSIS METHOD: (	089) HI-VOL ICE	P/MS W/QUARTZ F	FILTER						UNITS: M	icrograms/cubic me	ter (25 C)
PQAO:	(0851) Per	nsylvania Depa	rtment Of Envi	ronmental Prote	ection						MIN DETE	CTABLE:	
	MONTH												
Day	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										
12											.000 ND	AF	
13									.000 ND	.000 ND			
14								AF					
15		.000 ND				AF	AF						
16				.000 ND	.000 ND								
17 18			.000 ND								0.05	000 100	
									000 100	000 100	.005	.000 ND	
19								.000 ND	.000 ND	.000 ND			
20 21		.000 ND				.005	.006	.000 D					
22		.000 ND		.000 ND	AF	.005	.000						
22			.000 ND	.000 ND	FII .								
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	
NO.: MAX:	U	4 0.000	0.000	.008	0.000	.005	.006	0.000	0.000	0.000	.005	4 0.000	
MAA: MEAN:		0.0000	0.0000	.0016	0.0000	.0025	.0020	0.0000	0.0000	0.0000	.0010	0.0000	
							.0020	0.0000	0.0000	0.0000	.0010	0.0000	
ANNUA	L OBSERVATION	IS: 41	ANNUAL MEAN:	.0006	ANNUAL MAX:	.008							

							AIR QUALIII	SISIEM					
							RAW DATA F	REPORT					Jul. 3, 2019
(	12136) Nickel	(TSP) STP										CAS NUMBER:	7440-02-0
SITE I	D: 42-045-000	2 POC: 2										LATITUDE:	39.835556
COUNTY	: (045) Delawa	are					STATE:	(42) Pennsylv				LONGITUDE:	-75.3725
CITY: (	13208) Cheste	er					AQCR:		LITAN PHILADEL			UTM ZONE:	
SITE A	DDRESS: FRONT	ST & NORRIS S	т					ED AREA: (6160)	PHILADELPHIA,	PA-NJ		UTM NORTHING:	
SITE C	OMMENTS: CHES	TER COPAMS SIT	E / PHILADELPH	IA GAS P2300111	PA SITE CODE			E: INDUSTRIAL				UTM EASTING:	
MONITO	R COMMENTS:						LOCATIO	N SETTING:	URBAN AND CENT	TER CITY		ELEVATION-MSI PROBE HEIGHT:	
	T AGENCY: (08 R TYPE: OTHER	51) Pennsylvan:	ia Department (	Of Environmenta	l Protection		REPORT	FOR: 2014			DURATION	: 24 HOUR	
		VSIS METHOD: (	089) HT-VOL TO	P/MS W/QUARTZ F	TLTER		REPORT	FOR.			UNITS: M	icrograms/cubic met	ter (25 C)
PQAO:				ironmental Prot							MIN DETE	CTABLE:	
Day	MONTH JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
-	UANOAICI	PEBROART	MARCEI	AFRID	PIAT	OONE	0000	A06051	SEP I EMBER	OCIOBER			
1											.000 ND	.007	
2									.000 ND	.000 ND			
3								.000 ND					
4	000 100	AF		000 100	000 100	.000 ND	.000 ND						
5	.000 ND		.000 ND	.000 ND	.000 ND								
7			.000 ND								.000 ND	.000 ND	
8									AF	.000 ND	.000 ND	.000 115	
9								.000 ND		1000 112			
10		AF				.033 5	.000 ND						
11	AF			.006	.000 ND								
12			.007										
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	.018 5			
27								.000 ND					
28		.000 ND				.000 ND	.000 ND						

.000 ND 29 AF AF 30 .000 ND 31 .000 ND 1 3 3 2 5 5 5 5 5 6 NO.: 4 4 MAX: 0.000 0.000 .007 .006 0.000 .033 0.000 0.000 0.000 .018 0.000 .007 0.0000 .0030 0.0000 .0066 0.0000 0.0000 0.0000 .0036 0.0000 .0012 MEAN: 0.0000 .0023

ANNUAL OBSERVATIONS: 48 ANNUAL MEAN: .0015 ANNUAL MAX: .033

Jul. 3, 2019

(12136) Nickel (TSP) STP		CAS NUMBER: 7440-02-0
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	STATE: (42) Pennsylvania AQCR: (045) METROPOLITAN PHILADELPHIA URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ LAND USE: INDUSTRIAL	LATITUDE: 39.835556 LONGITUDE: -75.3725 UTM ZONE: UTM NORTHING: UTM EASTING:
MONITOR COMMENTS:	LOCATION SETTING: URBAN AND CENTER CITY	ELEVATION-MSL: 3 PROBE HEIGHT: 3
SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: OTHER	REPORT FOR: 2015 DURATION	: 24 HOUR
COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER PQAO: (0851) Pennsylvania Department Of Environmental Protection		icrograms/cubic meter (25 C) CTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.000 ND									
2											AF	.000 ND
3									.000 ND	.000 ND		
4								AF				
5		.000 ND				.000 ND	.000 ND					
6	.000 ND			.000 ND	.000 ND							
7			.000 ND									
8											.000 ND	.000 ND
9									.000 ND	.000 ND		
10								.000 ND				
11		.000 ND				.000 ND	.000 ND					
12	.000 ND			.000 ND	.000 ND							
13			.000 ND									
14											.000 ND	.000 ND
15									.000 ND	.000 ND		
16								.000 ND				
17		.000 ND				.000 ND	.000 ND					
18	.000 ND		000 MD	.000 ND	.000 ND							
19 20			.000 ND								.000 ND	.000 ND
20									.000 ND	.000 ND	.000 ND	.000 ND
21								.000 ND	.000 ND	.000 ND		
23		.000 ND				.008	.000 ND	.000 MD				
24	.000 ND	10000 112		.000 ND	.000 ND		1000 112					
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
ANNUA	L OBSERVATIONS:	58	ANNUAL MEAN:	.0001	ANNUAL MAX:	.008						

Jul. 3, 2019

(12136) Nickel (TSP) STP		CAS NUMBER: 7440-02-0
SITE ID: 42-045-0002 POC: 2		LATITUDE: 39.835556
COUNTY: (045) Delaware	STATE: (42) Pennsylvania	LONGITUDE: -75.3725
	AQCR: (045) METROPOLITAN PHILADELPHIA	UTM ZONE:
CITY: (13208) Chester	URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ	UTM NORTHING:
SITE ADDRESS: FRONT ST & NORRIS ST	LAND USE: INDUSTRIAL	UTM EASTING:
SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE		
MONITOR COMMENTS:	LOCATION SETTING: URBAN AND CENTER CITY	ELEVATION-MSL: 3
		PROBE HEIGHT: 3
SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: OTHER	REPORT FOR: 2016	DURATION: 24 HOUR
COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER		UNITS: Micrograms/cubic meter (25 C)
PQAO: (0851) Pennsylvania Department Of Environmental Protection		MIN DETECTABLE:

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.000 ND		.000 ND									
2											.000 ND	.000 ND
3									.000 ND	.000 ND		
4								.000 ND				
5						.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									
14									000 MD	000 100	.000 ND	.000 ND
15 16								.000 ND	.000 ND	.000 ND		
10						.000 ND	.000 ND	.000 ND				
18		FI		.000 ND	.000 ND	.000 ND	.000 ND					
19	.000 ND	r I	.000 ND	.000 ND	.000 ND							
20	10000 112		10000 112								.000 ND	.000 ND
21									.000 ND	.000 ND		
22								.000 ND				
23						.000 ND	.000 ND					
24		.000 ND		.000 ND	.000 ND							
25	.000 ND		.000 ND									
26											.000 ND	.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
ANNUAI	L OBSERVATIONS	: 59	ANNUAL MEAN:	0.0000	ANNUAL MAX:	0.000						

							AIR QUAL	ITY SYSTEM					
							RAW DA	TA REPORT					Jul. 3, 2019
(	12136) Nickel	(TSP) STP										CAS NUMBER: LATITUDE:	7440-02-0 39.835556
SITE I	D: 42-045-0002	2 POC: 2					STAT	E: (42) Pennsyl	lvania			LONGITUDE:	-75.3725
COUNTY	: (045) Delawa	are					AOCR		POLITAN PHILADEI	лрнта		UTM ZONE:	15.5725
CITY: (	(13208) Cheste	er					-	NIZED AREA: (616)				UTM NORTHING	1:
SITE A	DDRESS: FRONT	ST & NORRIS S	Г					USE: INDUSTRIA		,		UTM EASTING:	
		TER COPAMS SITH	E / PHILADELPH:	IA GAS P2300111	PA SITE CODE			TION SETTING:	URBAN AND CEN	TER CITY		ELEVATION-MS	
MONITO	OR COMMENTS:											PROBE HEIGHT	
CUDDOD	T ACENCY (00)	E1) Doppertironi	a Dopartmont (	Of Environmenta	1 Dwotostion								
	R TYPE: OTHER	51) Pellisyivali	ta Departulent (	or Environmenca.	I PIOLECLION		DEF	ORT FOR: 2017	,		DURATION	: 24 HOUR	
		VSIS METHOD: (	089) HT-VOL TC	P/MS W/QUARTZ F	ידו.ידד		REF	ORIFOR: 2017			UNITS: M	licrograms/cubic me	eter (25 C)
POAO:				ironmental Prote								CTABLE: .000299	
1 2110 1		Dopo									IIII, DETE		
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1	.000 ND			.000 ND	.000 ND								
2			.000 ND										
3													
4													
5													
6		.000 ND				.000 ND							
7	.000 ND			.000 ND	.000 ND								
8			.000 ND										
9													
10													
11													
12		.000 ND				.000 ND							
13	.000 ND			.000 ND	.000 ND								
14			.000 ND										
15													
16													
17						000							
18 19	.000 ND	.000 ND		.000 ND	.000 ND	.000 ND							
19 20	.000 ND		.000 ND	.000 ND	.000 ND								
20			.000 ND										
21													
22													
24		.000 ND				.005							
25	.000 ND			.000 ND	.000 ND								
26			.000 ND										
27													
28													

28 29 30 .000 ND 31 .000 ND .000 ND 6 5 5 6 5 0 0 0 0 0 0 NO.: 4 MAX: 0.000 0.000 0.000 0.000 0.000 .005 0.0000 0.0000 0.0000 0.0000 .0010 MEAN: 0.0000 ANNUAL OBSERVATIONS: ANNUAL MAX: .005 31 ANNUAL MEAN: .0002

Jul. 3, 2019

(12167) Zinc (TSP) STP			CAS NUMBER:	7440-66-6
SITE ID: 42-045-0002 POC: 2			LATITUDE:	39.835556
	STATE: (42) Pennsylvania		LONGITUDE:	-75.3725
COUNTY: (045) Delaware	AQCR: (045) METROPOLITAN PHILADELPHIA		UTM ZONE:	
CITY: (13208) Chester	URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ		UTM NORTHING:	
SITE ADDRESS: FRONT ST & NORRIS ST	LAND USE: INDUSTRIAL		UTM EASTING:	
SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE	LOCATION SETTING: URBAN AND CENTER CITY		ELEVATION-MSL:	3
MONITOR COMMENTS:			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 UNITS: Micro MIN DETECTAN	ograms/cubic mete	er (25 C)
MONTH				

Day	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		0.07				000	004	.025				
27 28		.027		.025	AF	.023	.024					
28			.036	.025	AP							
30			.050								.017	.033
31										.026	.017	.055
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
ANNUA	L OBSERVATIONS:	41	ANNUAL MEAN:	.0635	ANNUAL MAX:	1.368						

Jul. 3, 2019

(12167) Zinc (TSP) STP		CAS NUMBER: 7440	-66-6
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	LATITUDE: 39.8: LONGITUDE: -75.3 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 MONTH	REPORT FOR: 2014	DURATION: 24 HOUR UNITS: Micrograms/cubic meter (25 0 MIN DETECTABLE:	C)

Day	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									
13											.028	.029
14									.023	.018		
15								.042				
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	б
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
ANNUAI	L OBSERVATIONS	s: 48	ANNUAL MEAN:	.0458	ANNUAL MAX:	.253						

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(12167) Zinc (TSP) STP		CAS NUMBER: 7440-66-6		
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	STATE: (42) Pennsylvania AQCR: (045) METROPOLITAN PHILADELPHIA URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ LAND USE: INDUSTRIAL	LATITUDE: 39.835556 LONGITUDE: -75.3725 UTM ZONE: UTM NORTHING: UTM EASTING:		
MONITOR COMMENTS:	LOCATION SETTING: URBAN AND CENTER CITY	ELEVATION-MSL: 3 PROBE HEIGHT: 3		
SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: OTHER	REPORT FOR: 2015 DURA	DURATION: 24 HOUR		
COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER		UNITS: Micrograms/cubic meter (25 C)		
PQAO: (0851) Pennsylvania Department Of Environmental Protection	MIN 1	DETECTABLE:		

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.033									
2											AF	.020
3									.059	.036		
4								AF				
5		.044				.073 5	.035					
6	.042			.039	.070							
7			.025									
8											.038	.041
9								0.2.6	.020	.049		
10 11		.051				.032	.035	.036				
12	.152 5	.051		.022	.033	.032	.035					
13	.152 5		.044	.022	.055							
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		050	.020	.021							
25 26			.050								.035	.044
26 27									.056	.098 5	.035	.044
28								.164 5	.050	.098 5		
29						.026	.028	.101 5				
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

.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.

.0533

ANNUAL MEAN:

ANNUAL MAX:

ANNUAL OBSERVATIONS:

58

Jul. 3, 2019

MIN DETECTABLE:

(12167) Zinc (TSP) STP		CAS NUMBER: 7440-66-6
SITE ID: 42-045-0002 POC: 2		LATITUDE: 39.835556
	STATE: (42) Pennsylvania	LONGITUDE: -75.3725
COUNTY: (045) Delaware CITY: (13208) Chester	AQCR: (045) METROPOLITAN PHILADELPHIA	UTM ZONE:
	URBANIZED AREA: (6160) PHILADELPHIA, PA-NJ	UTM NORTHING:
SITE ADDRESS: FRONT ST & NORRIS ST	LAND USE: INDUSTRIAL	UTM EASTING:
SITE COMMENTS: CHESTER COPAMS SITE / PHILADELPHIA GAS P2300111 PA SITE CODE		
MONITOR COMMENTS:	LOCATION SETTING: URBAN AND CENTER CITY	ELEVATION-MSL: 3
		PROBE HEIGHT: 3
SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection		
MONITOR TYPE: OTHER	REPORT FOR: 2016	DURATION: 24 HOUR
COLLECTION AND ANALYSIS METHOD: (089) HI-VOL ICP/MS W/QUARTZ FILTER		UNITS: Micrograms/cubic meter (25 C)

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

	MONTH											
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	.015		.039									
2											.046	.023
3									.162 5	.027		
4								.024				
5						.021	.023					
б		.032		.024	.018							
7	.072		.027									
8											.055	.057
9									.031	.020		
10								.018				
11						.036	.021					
12		AV		.018	.038							
13	.026		.020									
14											.084 5	.053
15									.050	.025		
16								.016				
17					0.05	.061	.024					
18 19	.027	FI	.026	.050	.025							
20	.027		.026								.019	.041
20									.051	.025	.019	.041
22								.018	.051	.025		
23						.023	.032	.010				
24		.012		.022	.025	.025	.052					
25	.098 5	1011	.040	.011	.025							
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
ANNUA	L OBSERVATIONS	: 59	ANNUAL MEAN:	.0337	ANNUAL MAX:	.162						

RAW	DATA	REPORT

							RAW DATA						Jul. 3, 2019
(1	12167) Zinc (TS	SP) STP										CAS NUMBER:	7440-66-6
SITE II	0: 42-045-0002	POC: 2	2				STATE	: (42) Pennsy	Ivania			LATITUDE: LONGITUDE:	39.835556 -75.3725
COUNTY:	: (045) Delawar	e					AOCR:		POLITAN PHILADE			UTM ZONE:	-13.3125
CITY: (	13208) Chester						-		<ol> <li>PHILADELPHIA,</li> </ol>			UTM NORTHING:	
SITE AI	DDRESS: FRONT	ST & NORRIS S	ST					USE: INDUSTRIA		, 14 10		UTM EASTING:	
		ER COPAMS SIT	TE / PHILADELPHIA	A GAS P230011	1 PA SITE CODE			ION SETTING:	URBAN AND CEN	TER CITY		ELEVATION-MSL	: 3
MONITOF	R COMMENTS:											PROBE HEIGHT:	
SUPPORT	r agency: (0851	) Pennsvlvan	iia Department Of	- Environment	al Protection								
	R TYPE: OTHER	,					REPC	RT FOR: 201	7		DURATIO	N: 24 HOUR	
COLLECT	TION AND ANALYS	SIS METHOD:	(089) HI-VOL ICP	/MS W/QUARTZ	FILTER						UNITS: 1	Micrograms/cubic met	ter (25 C)
PQAO:	(0851) Penn	sylvania Dep	artment Of Envir	onmental Pro	tection						MIN DETI	ECTABLE: .004959	
	MONTH												
Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
1 2	.030		.028	.012	.028								
3			.020										
4													
5													
6		.038				.000 ND							
7	.034			.030	.014								
8			.030										
9													
10													
11													
12 13	.021	.024		.028	.011	.034							
13	.021		.022	.028	.011								
15			.022										
16													
17													
18		.047				.000 ND							
19	.040			.012	.036								
20			.038										
21													
22													
23 24		.090 5				.030							
24 25	.029	.080 5		.017	.000 ND	.030							
25	.025		.017	.017	.000 MD								
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							
ANNUA	L OBSERVATIONS	: 31	ANNUAL MEAN:	.0253	ANNUAL MAX:	.090							
	0 1151		7										

### 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.