

User ID: XCMROBBINS

RAW DATA REPORT

Report Request ID: 1760059

Report Code: AMP350

Jul. 3, 2019

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	42	125	0005		3						

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
ALL			176

SELECTED OPTIONS

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

SORT ORDER

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

DATE CRITERIA

Start Date	End Date
2013 01 01	2015 12 31

APPLICABLE STANDARDS

Standard Description
CO 1-hour 1971
Lead 3-Month 2009
Lead 3-Month PM10 Surrogate 2009
Lead Quarterly 1978
NO2 Annual 1971
Ozone 1-hour 1979
PM10 24-hour 2006
PM25 24-hour 2012
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(42153) Carbon disulfide

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-15-0  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.07 SQ									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		.003		ANNUAL MAX:		.07			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(42153) Carbon disulfide

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-15-0  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.11 SQ			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.05 SQ				
10		AF				AS						
11				.00 ND								
12												
13										AS		
14									.06 SQ			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.13						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	.13	0.00	.05	.11	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	.130	0.000	.025	.057	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.015		ANNUAL MAX:		.13			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(42153) Carbon disulfide

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-15-0  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43205) Propylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 115-07-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQA0: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									8.856 EH			
2												
3							2.019					
4	.759 QX				1.323							
5			5.127									
6												4.215
7									.906			
8								3.552				
9		3.591				AM						
10				6.015								
11											AS	
12												
13									1.449			
14												
15							4.683					
16	5.757				3.609							
17			.492 QX									
18												4.143
19										2.025 LL		
20								2.526 CL				
21		2.595				4.491						
22				1.371								
23												
24											AS	
25									AS			
26												
27							4.470					
28	5.169				5.046							
29			5.307									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	5.757	3.591	5.307	6.015	5.046	4.491	4.683	3.552	8.856	2.025		4.215
MEAN:	3.8950	3.0930	3.6420	3.6930	3.3260	4.4910	3.7240	3.0390	5.1525	1.4655		4.1790
ANNUAL OBSERVATIONS:		25		ANNUAL MEAN:	3.5798		ANNUAL MAX:	8.856				

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43205) Propylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 115-07-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											1.447	
2									3.037			
3												
4							1.326					
5	12.221 5				.000 ND							
6			1.738									
7												
8										3.898		AF
9								2.475				
10		AF				AS						
11				1.769 QX								
12												
13											AS	
14									2.588			
15												
16							3.343					
17	3.044				2.628							
18			AS									
19												
20										4.564		6.155
21								4.562				
22		3.459				5.470						
23				2.215								
24												
25											4.612	
26									3.556			
27												
28							2.546					
29	AS				AF							
30			1.443 QX									
31												1.892
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	12.221	3.459	1.738	2.215	2.628	5.470	3.343	4.562	3.556	4.564	4.612	6.155
MEAN:	7.6325	3.4590	1.5905	1.9920	1.3140	5.4700	2.4050	3.5185	3.0603	4.2310	3.0295	4.0235
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		3.3328	ANNUAL MAX:		12.221				

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43205) Propylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 115-07-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			6.827									
2												6.000
3										.840 CC		
4								2.880				
5		2.339				2.370						
6				5.700								
7												
8											6.600	
9									6.600			
10												
11							5.400					
12	AS				1.770							
13			5.205 QX									
14												11.400 5
15										6.600		
16								6.600				
17		AS				3.000						
18				5.700								
19												
20											5.400	
21									1.770			
22												
23							3.600					
24	5.614				4.500							
25			4.144									
26												5.100
27										3.900		
28								4.800				
29						3.300						
30				2.040								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	5.614	2.339	6.827	5.700	4.500	3.300	5.400	6.600	6.600	6.600	6.600	11.400
MEAN:	5.6140	2.3390	5.3920	4.4800	3.1350	2.8900	4.5000	4.7600	4.1850	3.7800	6.0000	7.5000
ANNUAL OBSERVATIONS:		28		ANNUAL MEAN:	4.6428		ANNUAL MAX:	11.400				

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43218) 1,3-Butadiene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 106-99-0  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43218) 1,3-Butadiene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 106-99-0  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8										.00 ND		
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43218) 1,3-Butadiene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 106-99-0  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43231) n-Hexane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 110-54-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.98			
2												
3							.45 SQ					
4	.44 SQ				.00 ND							
5			.66 SQ									
6												.62 SQ
7										.00 ND		
8								.50 SQ				
9		.53 SQ				AM						
10				.99								
11											AS	
12												
13									.30 SQ			
14												
15							.86					
16	.85				.56 SQ							
17			.00 ND									
18												.67 SQ
19										.59 SQ		
20								.75 CL				
21		.36 SQ				.86						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.85					
28	.70 SQ				.92							
29			.65 SQ									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	.85	.53	.66	.99	.92	.86	.86	.75	.98	.59		.67
MEAN:	.663	.445	.437	.495	.493	.860	.720	.625	.640	.295		.645
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		.564		ANNUAL MAX:		.99			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43231) n-Hexane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 110-54-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.56 SQ			
3												
4							.00 ND					
5	2.70 5				.28 SQ							
6			.00 ND									
7												AF
8									.53 SQ			
9								.70 SQ				
10		AF				AS						
11				.53 QX								
12												
13											AS	
14									.48 SQ			
15												
16							.48 SQ					
17	.51 SQ				.39 SQ							
18			AS									
19												
20										.66 SQ		.83
21								.92				
22		.88				.52 SQ						
23				.43 SQ								
24												
25											.50 SQ	
26									.66 SQ			
27												
28							.30 SQ					
29	AS				AF							
30			.31 QX									
31												.25 SQ
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	2.70	.88	.31	.53	.39	.52	.48	.92	.66	.66	.50	.83
MEAN:	1.605	.880	.155	.480	.335	.520	.260	.810	.567	.595	.250	.540
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.559	ANNUAL MAX:		2.70				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43231) n-Hexane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 110-54-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.85									
2												.78
3										.00 ND		
4								.49 SQ				
5		.32 SQ				.40 SQ						
6				.78								
7												
8											.84	
9									1.32			
10												
11							1.02					
12	AS				.34 SQ							
13			.62 QX									
14												1.32
15										.84		
16								1.26				
17		AS				.46 SQ						
18				1.02								
19												
20											.72	
21									.26 SQ			
22												
23							.66 SQ					
24	.92				.66 SQ							
25			.74									
26												.44 SQ
27										.42 CC		
28								.90				
29						.60 SQ						
30				.43 SQ								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	.92	.32	.85	1.02	.66	.60	1.02	1.26	1.32	.84	.84	1.32
MEAN:	.920	.320	.737	.743	.500	.487	.840	.883	.790	.420	.780	.847
ANNUAL OBSERVATIONS:		28		ANNUAL MEAN:	.693		ANNUAL MAX:	1.32				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43232) n-Heptane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 142-82-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.46 SQ			
2												
3							.41 SQ					
4	.35 SQ				.33 SQ							
5			.68 SQ									
6												.27 SQ
7										.29 SQ		
8								.45 SQ				
9		.45 SQ				AM						
10				.74 SQ								
11											AS	
12												
13									.00 ND			
14												
15							.47 SQ					
16	.69 SQ				.55 SQ							
17			.00 ND									
18												.35 SQ
19										.43 SQ		
20								.58 CL				
21		.41 SQ				.59 SQ						
22				.31 SQ								
23											AS	
24												
25									AS			
26												
27							.61 SQ					
28	.59 SQ				.71 SQ							
29			.55 SQ									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	.69	.45	.68	.74	.71	.59	.61	.58	.46	.43		.35
MEAN:	.543	.430	.410	.525	.530	.590	.497	.515	.230	.360		.310
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		.451		ANNUAL MAX:		.74			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43232) n-Heptane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 142-82-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.18 SQ	
2									.35 SQ			
3												
4							.00 ND					
5	1.44 5				.00 ND							
6			.00 ND									
7												AF
8									.51 SQ			
9								.60 SQ				
10		AF				AS						
11				.57 QX								
12												
13											AS	
14									.34 SQ			
15												
16							.50 SQ					
17	.45 SQ				.00 ND							
18			AS									
19												.49 SQ
20										.55 SQ		
21								.57 SQ				
22		.67 SQ				.40 SQ						
23				.54 SQ								
24												
25											.34 SQ	
26									.64 SQ			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.21 SQ
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	1.44	.67	0.00	.57	0.00	.40	.50	.60	.64	.55	.34	.49
MEAN:	.945	.670	0.000	.555	0.000	.400	.167	.585	.443	.530	.260	.350
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.390		ANNUAL MAX:		1.44			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43232) n-Heptane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 142-82-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.69 SQ									
2												.39 SQ
3										.00 ND		
4								.32 SQ				
5		.00 ND				.36 SQ						
6				.49 SQ								
7												
8											.43 SQ	
9									.67 SQ			
10												
11							.43 SQ					
12	AS				.26 SQ							
13			.44 QX									
14												.77 SQ
15										.56 SQ		
16								.67 SQ				
17		AS				.38 SQ						
18				.57 SQ								
19												
20											.46 SQ	
21									.22 SQ			
22												
23							.34 SQ					
24	.53 SQ				.46 SQ							
25			.57 SQ									
26												.21 SQ
27										.29 CC		
28								.59 SQ				
29						.37 SQ						
30				.27 SQ								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	.53	0.00	.69	.57	.46	.38	.43	.67	.67	.56	.46	.77
MEAN:	.530	0.000	.567	.443	.360	.370	.385	.527	.445	.283	.445	.457
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		.419		ANNUAL MAX:		.77			

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43248) Cyclohexane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 110-82-7  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQA0: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									1.83			
2												
3							1.88					
4	1.88				2.53							
5			2.12									
6												1.32
7										1.43		
8								1.60				
9		1.75				AM						
10				2.36								
11												
12											AS	
13									1.55			
14												
15							2.45					
16	2.15				2.99							
17			.54 SQ									
18												1.55
19										1.25		
20								1.27 CL				
21		2.04				2.27						
22				1.59								
23												
24											AS	
25									AS			
26												
27							2.12					
28	1.85				2.57							
29			2.06									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	2.15	2.04	2.12	2.36	2.99	2.27	2.45	1.60	1.83	1.43		1.55
MEAN:	1.960	1.895	1.573	1.975	2.697	2.270	2.150	1.435	1.690	1.340		1.435
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		1.878	ANNUAL MAX:		2.99				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43248) Cyclohexane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 110-82-7  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.86	
2									1.06			
3												
4							.93					
5	2.20				1.23							
6			1.26									
7												
8										1.21		AF
9								1.34				
10		AF				AS						
11				1.46 QX								
12												
13											AS	
14									1.26			
15												
16							1.43					
17	1.37				1.14							
18			AS									
19												
20										.88		.88
21								1.41				
22		2.00				1.27						
23				2.70								
24												
25											.98	
26									1.45			
27												
28							1.41					
29	AS				AF							
30			1.79 QX									
31												.59 SQ
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	2.20	2.00	1.79	2.70	1.23	1.27	1.43	1.41	1.45	1.21	.98	.88
MEAN:	1.785	2.000	1.525	2.080	1.185	1.270	1.257	1.375	1.257	1.045	.920	.735
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:	1.338	ANNUAL MAX:	2.70						

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43248) Cyclohexane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 110-82-7  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			1.01									
2												1.08
3										.36 SQ		
4								.66 SQ				
5		.71 SQ				2.58						
6				.60 SQ								
7												
8											.60 SQ	
9									.84			
10												
11							.78					
12	AS				.60 SQ							
13			.59 QX									
14												.78
15										.72		
16								.60 SQ				
17		AS				.84						
18				.96								
19												
20											.46 SQ	
21									.53 SQ			
22												
23							.60 SQ					
24	1.15				.72							
25			.86									
26												.56 SQ
27										.54 CC		
28								.60 SQ				
29						.57 SQ						
30				.84								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	1.15	.71	1.01	.96	.72	2.58	.78	.66	.84	.72	.60	1.08
MEAN:	1.150	.710	.820	.800	.660	1.330	.690	.620	.685	.540	.530	.807
ANNUAL OBSERVATIONS:		28		ANNUAL MEAN:	.776	ANNUAL MAX:	2.58					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43372) Methyl tert-butyl ether

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 1634-04-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43372) Methyl tert-butyl ether

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 1634-04-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8										.00 ND		
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43372) Methyl tert-butyl ether

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 1634-04-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43505) Acrolein - Unverified

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 107-02-8  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH													
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
1									.40	CC				
2														
3							.94							
4	.00	ND			.89									
5			.34	SQ										
6												.31	CC	
7										.58	CC			
8								.96	QX					
9		.75				AM								
10				.00	ND									
11											AS			
12										.30	CC			
13														
14														
15								1.00	CC					
16	.31	QX			.30	CC								
17			.23	SQ										
18													.41	CC
19										.24	CC			
20								.86	CC					
21		.18	SQ			.36	CC							
22				.00	ND									
23														
24											AS			
25									AS					
26														
27							.00	ND						
28	.32	SQ			.71									
29			1.20											
30														
31											AS			
NO.:	3	2	3	2	3	1	3	2	2	2	0	2		
MAX:	.32	.75	1.20	0.00	.89	.36	1.00	.96	.40	.58		.41		
MEAN:	.210	.465	.590	0.000	.633	.360	.647	.910	.350	.410		.360		
ANNUAL OBSERVATIONS:		25		ANNUAL MEAN:	.464	ANNUAL MAX:	1.20							

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43505) Acrolein - Unverified

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 107-02-8  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.19 CC	
2									.28 CC			
3												
4							.64 CC					
5	1.97 5				.43 CC							
6			.62 CC									
7												AF
8									.28 CC			
9								1.66 CC				
10		AF				AS						
11				1.31 QX								
12												
13											AS	
14									.55 CC			
15												
16							1.56 CC					
17	1.06				1.34							
18			AS									
19												
20										.34 CC		.38 CC
21								.37 CC				
22		1.68 QX				.65 CC						
23				2.67 5								
24												
25											.38 CC	
26									.94 CC			
27												
28							.23 CC					
29	AS				AF							
30			.38 CC									
31												.28 CC
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	1.97	1.68	.62	2.67	1.34	.65	1.56	1.66	.94	.34	.38	.38
MEAN:	1.515	1.680	.500	1.990	.885	.650	.810	1.015	.590	.310	.285	.330
ANNUAL OBSERVATIONS:		24		ANNUAL MEAN:	.841	ANNUAL MAX:	2.67					

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43505) Acrolein - Unverified

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 107-02-8  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.37 CC									
2												.20 CC
3										.75 CC		
4								.81				
5		.67 CC				2.43 5						
6				1.38								
7											1.23	
8										.42 CC		
9												
10												
11							1.14					
12	AS				.36 CC							
13			.98 QX									
14												.33 CC
15										.36 CC		
16								1.05				
17		AS				.39						
18				.93 CC								
19												
20											1.02 CC	
21									.63 CC			
22												
23							.39 CC					
24	.33 CC				.45 CC							
25			.70 CC									
26												.36 CC
27										1.14		
28								.27 CC				
29						.60 CC						
30				.84								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	.33	.67	.98	1.38	.45	2.43	1.14	1.05	.63	1.14	1.23	.36
MEAN:	.330	.670	.683	1.050	.405	1.140	.765	.710	.525	.750	1.125	.297
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		.733		ANNUAL MAX:		2.43			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43551) Acetone

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 67-64-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									12.180 CC			
2												
3							12.471 CC					
4	4.242 QX				16.491 CC							
5			6.942									
6												4.329 CC
7										7.869 QX		
8								11.505 CC				
9		8.538 QX				AM						
10				13.269								
11											AS	
12												
13									7.272 CC			
14												
15							21.078 CC					
16	5.439 CC				15.909 CC							
17			2.484 CC									
18												5.673 CC
19										5.598 CC		
20								7.686 CL				
21		3.987 CC				14.415 QX						
22				6.618 CC								
23												
24											AS	
25									AS			
26												
27							11.565 CC					
28	7.296				14.427 CC							
29			19.512 QX									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	7.296	8.538	19.512	13.269	16.491	14.415	21.078	11.505	12.180	7.869		5.673
MEAN:	5.6590	6.2625	9.6460	9.9435	15.6090	14.4150	15.0380	9.5955	9.7260	6.7335		5.0010
ANNUAL OBSERVATIONS:		25		ANNUAL MEAN:	9.8718		ANNUAL MAX:	21.078				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43551) Acetone

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 67-64-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											4.619 CC	
2									8.108 CC			
3												
4							13.921 CC					
5	17.900 CC				8.194							
6			9.242 CC									
7												
8										8.798 CC		AF
9								18.834 CC				
10		AF				AS						
11				12.586 QX								
12												
13											AS	
14									10.308 CC			
15												
16							18.512 CC					
17	9.226 QX				19.772							
18			AS									
19												
20										8.549 CC		5.517 CC
21								10.831 CC				
22		16.982				17.121						
23				26.666 5								
24												
25											6.383 CC	
26									14.835 QX			
27												
28							12.086 CC					
29	AS				AF							
30			7.622 CC									
31												4.022 CC
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	17.900	16.982	9.242	26.666	19.772	17.121	18.512	18.834	14.835	8.798	6.383	5.517
MEAN:	13.5630	16.9820	8.4320	19.6260	13.9830	17.1210	14.8397	14.8325	11.0837	8.6735	5.5010	4.7695
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		12.1098	ANNUAL MAX:		26.666				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43551) Acetone

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 67-64-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			7.307 CC									
2												6.000 CC
3										8.400 CC		
4								16.200				
5		6.698 CC				23.700						
6				18.000 EH								
7												
8											9.300 CC	
9									14.400 CC			
10												
11							20.400					
12	AS				4.800 CC							
13			8.075 CC									
14												7.800 CC
15										7.800 CC		
16								22.500 QX				
17		AS				11.400						
18				6.000 CC								
19												
20											8.100 CC	
21									10.500 CC			
22												
23							13.800 CC					
24	5.411 CC				11.100 CC							
25			16.748 EH									
26												6.900 CC
27										10.500 CC		
28								11.400 CC				
29						12.000 CC						
30				6.000 CC								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	5.411	6.698	16.748	18.000	11.100	23.700	20.400	22.500	14.400	10.500	9.300	7.800
MEAN:	5.4110	6.6980	10.7100	10.0000	7.9500	15.7000	17.1000	16.7000	12.4500	8.9000	8.7000	6.9000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		11.1157	ANNUAL MAX:		23.700				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43552) Methyl ethyl ketone

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 78-93-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									2.104 CC			
2												
3							1.800 QX					
4	.548				1.984 CC							
5			1.360									
6												.888 CC
7										.724		
8								1.724 CC				
9		.904				AM						
10				1.884								
11											AS	
12												
13									1.608 CC			
14												
15								2.204 CC				
16	.000 ND				2.128 CC							
17			.276 SQ									
18												.760 CC
19										.000 ND		
20								2.008 CC				
21		.512				2.228						
22				.804								
23												
24											AS	
25									AS			
26												
27								1.056 CC				
28	1.192				1.908 CC							
29			2.164									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	1.192	.904	2.164	1.884	2.128	2.228	2.204	2.008	2.104	.724		.888
MEAN:	.5800	.7080	1.2667	1.3440	2.0067	2.2280	1.6867	1.8660	1.8560	.3620		.8240
ANNUAL OBSERVATIONS:		25		ANNUAL MEAN:	1.3107		ANNUAL MAX:	2.228				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43552) Methyl ethyl ketone

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 78-93-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.478 CC	
2									1.221 CC			
3												
4							1.168 CC					
5	2.229 CC				1.553							
6			1.344 CC									
7												AF
8										1.014 CC		
9								2.940 CC				
10		AF				AS						
11				1.577 CC								
12												
13											AS	
14									1.191 CC			
15												
16							1.533 CC					
17	1.117				2.038							
18			AS									
19												
20										1.522 CC		.794 CC
21								1.447 CC				
22		3.062				7.397 5						
23				2.401								
24												
25											.911 CC	
26									2.075 QX			
27												
28							1.054 CC					
29	AS				AF							
30			1.080 CC									
31												.476 CC
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	2.229	3.062	1.344	2.401	2.038	7.397	1.533	2.940	2.075	1.522	.911	.794
MEAN:	1.6730	3.0620	1.2120	1.9890	1.7955	7.3970	1.2517	2.1935	1.4957	1.2680	.6945	.6350
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		1.7343	ANNUAL MAX:		7.397				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43552) Methyl ethyl ketone

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 78-93-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			1.879 CC									
2												.800 CC
3										.920 CC		
4								.000 ND				
5		.756 CC				3.400						
6				1.640 CC								
7												
8											.760 CC	
9									2.000 QX			
10												
11							2.920					
12	AS				.840 CC							
13			1.524 CC									
14												.880 CC
15										1.080 CC		
16								3.280				
17		AS				.880 QX						
18				1.440 CC								
19												
20											1.000 CC	
21									1.120 CC			
22												
23							1.680 CC					
24	.987 CC				1.360 CC							
25			4.375 5									
26												.840 CC
27										1.880 CC		
28								1.680 CC				
29						1.480 CC						
30				1.240 CC								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	.987	.756	4.375	1.640	1.360	3.400	2.920	3.280	2.000	1.880	1.000	.880
MEAN:	.9870	.7560	2.5927	1.4400	1.1000	1.9200	2.3000	1.6533	1.5600	1.2933	.8800	.8400
ANNUAL OBSERVATIONS:		28		ANNUAL MEAN:	1.5229		ANNUAL MAX:	4.375				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43559) Methyl Butyl Ketone

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 591-78-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

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

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43559) Methyl Butyl Ketone

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 591-78-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.000 ND	
2									.000 ND			
3												
4							.000 ND					
5	.000 ND				.000 ND							
6			.000 ND									
7												AF
8										.000 ND		
9								.000 ND				
10		AF				AS						
11				.000 ND								
12												
13											AS	
14									.000 ND			
15												
16							.000 ND					
17	.000 ND				.193 SQ							
18			AS									
19												.000 ND
20										.000 ND		
21								.000 ND				
22		.273 SQ				.000 ND						
23				.000 ND								
24												
25											.000 ND	
26									.000 ND			
27												
28							.000 ND					
29	AS				AF							
30			.000 ND									
31												.000 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.000	.273	0.000	0.000	.193	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEAN:	0.0000	.2730	0.0000	0.0000	.0965	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.0194	ANNUAL MAX:		.273				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43559) Methyl Butyl Ketone

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 591-78-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

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

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43560) Methyl isobutyl ketone

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 108-10-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11											AS	
12												
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43560) Methyl isobutyl ketone

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 108-10-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21												
22		.00 ND				.62 QX		.00 ND				
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	.62	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	.620	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.026		ANNUAL MAX:		.62			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43560) Methyl isobutyl ketone

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 108-10-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43801) Chloromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 74-87-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.57			
2												
3							.58					
4	.55				.71							
5			.67									
6												.65
7										.28 5		
8								.53 CC				
9		.62				AM						
10				.63								
11											AS	
12									.58			
13												
14												
15							.64					
16	.58				.66							
17			.18 5									
18												.62
19										.30 5		
20								.20 5				
21		.70				.55						
22				.60								
23												
24											AS	
25									AS			
26												
27							.55					
28	.57				.62							
29			.62									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	.58	.70	.67	.63	.71	.55	.64	.53	.58	.30		.65
MEAN:	.567	.660	.490	.615	.663	.550	.590	.365	.575	.290		.635
ANNUAL OBSERVATIONS:		25		ANNUAL MEAN:	.550		ANNUAL MAX:	.71				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43801) Chloromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 74-87-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.46	
2									.44			
3												
4							.51					
5	.67				.64 QX							
6			.68									
7												AF
8									.61			
9								.50				
10		AF				AS						
11				.36 QX								
12												
13											AS	
14									.49			
15												
16							.66					
17	.51				.66							
18			AS									
19												.52
20										.51		
21								.53				
22		.49				.72 QX						
23				1.63 5								
24												
25											.53	
26									.52			
27												
28							.73					
29	AS				AF							
30			.62 QX									
31												.50
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	.67	.49	.68	1.63	.66	.72	.73	.53	.52	.61	.53	.52
MEAN:	.590	.490	.650	.995	.650	.720	.633	.515	.483	.560	.495	.510
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.604		ANNUAL MAX:		1.63			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43801) Chloromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 74-87-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.66									
2												.61
3										.45		
4								.56				
5		.63				.56						
6				.58								
7												
8											.51	
9									.60			
10												
11							.68					
12	AS				.53							
13			.45 QX									
14												.64
15										.60		
16								.54				
17		AS				.60						
18				.50								
19												
20											.54	
21									.51			
22												
23							.51					
24	.61				.47							
25			.38 QX									
26												.77
27										.56		
28								.50				
29						.47						
30				.53								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	.61	.63	.66	.58	.53	.60	.68	.56	.60	.60	.54	.77
MEAN:	.610	.630	.497	.537	.500	.543	.595	.533	.555	.537	.525	.673
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		.555		ANNUAL MAX:		.77			

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43802) Dichloromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-09-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.09 SQ					
4	.09 SQ				.09 SQ							
5			.12 SQ									
6												.25 5
7										.00 ND		
8								.22 5				
9		.09 SQ				AM						
10				.11 SQ								
11											AS	
12												
13									.11 CC			
14												
15							.12 CC					
16	.12 SQ				.09 SQ							
17			.00 ND									
18												.10 CC
19										.00 ND		
20								.15 CC				
21		.10 SQ				.10 SQ						
22				.13								
23												
24											AS	
25									AS			
26												
27							.10 CC					
28	.00 ND				.12							
29			.09 SQ									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	.12	.10	.12	.13	.12	.10	.12	.22	.11	0.00		.25
MEAN:	.070	.095	.070	.120	.100	.100	.103	.185	.055	0.000		.175
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		.096		ANNUAL MAX:		.25			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43802) Dichloromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-09-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.07 CC	
2									.05 CC			
3												
4							.07 CC					
5	.13 CC				.10 CC							
6			.10 CC									
7												AF
8									.11 CC			
9								.08 CC				
10		AF				AS						
11				.10 CC								
12												
13										AS		
14									.09 CC			
15												
16							.16					
17	.07 CC				.13							
18			AS									
19												.12 SQ
20										.16		
21								.08 CC				
22		.11 CC				.11 CC						
23				.24 5								
24												
25											.09 CC	
26									.12 CC			
27												
28							.09 CC					
29	AS				AF							
30			.18 5									
31												.08 SQ
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	.13	.11	.18	.24	.13	.11	.16	.08	.12	.16	.09	.12
MEAN:	.100	.110	.140	.170	.115	.110	.107	.080	.087	.135	.080	.100
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.110	ANNUAL MAX:		.24				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43802) Dichloromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-09-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.11 CC									
2												.10 SQ
3										.00 ND		
4								.07 CC				
5		.13 CC				.10 CC						
6				.08 CC								
7												
8											.07 SQ	
9									.06 CC			
10												
11							.10 CC					
12	AS				.11 CC							
13			.09 CC									
14												.12
15										.10 CC		
16								.06 CC				
17		AS				.11 CC						
18				.08 SQ								
19												
20											.07 SQ	
21									.08 CC			
22												
23							.08 CC					
24	.10 CC				.11 CC							
25			.08 CC									
26												.09 SQ
27										.10 CC		
28								.07 CC				
29						.09 SQ						
30				.09 SQ								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	.10	.13	.11	.09	.11	.11	.10	.07	.08	.10	.07	.12
MEAN:	.100	.130	.093	.083	.110	.100	.090	.067	.070	.067	.070	.103
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		.088		ANNUAL MAX:		.13			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43803) Chloroform

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 67-66-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11											AS	
12												
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43803) Chloroform

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 67-66-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.34 QX									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	.170	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.014		ANNUAL MAX:		.34			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43803) Chloroform

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 67-66-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.05 SQ					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.04 SQ		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.025	0.000	0.000	0.013	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		.003		ANNUAL MAX:		.05			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43804) Carbon tetrachloride

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 56-23-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.10 SQ			
2												
3							.08 SQ					
4	.09 SQ				.10 SQ							
5			.11 SQ									
6												.10 SQ
7										.09 SQ		
8								.08 SQ				
9		.10 SQ				AM						
10				.09 SQ								
11											AS	
12												
13									.09 SQ			
14												
15							.11 SQ					
16	.10 SQ				.10 SQ							
17			.00 ND									
18												.10 SQ
19										.11 SQ		
20								.08 CL				
21		.10 SQ				.09 SQ						
22				.09 SQ								
23												
24											AS	
25									AS			
26												
27							.09 SQ					
28	.09 SQ				.11 SQ							
29			.10 SQ									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	.10	.10	.11	.09	.11	.09	.11	.08	.10	.11		.10
MEAN:	.093	.100	.070	.090	.103	.090	.093	.080	.095	.100		.100
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		.092		ANNUAL MAX:		.11			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43804) Carbon tetrachloride

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 56-23-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.09 SQ	
2									.07 SQ			
3												
4							.09 SQ					
5	.11 SQ				.10 SQ							
6			.10 SQ									
7												AF
8										.11 SQ		
9								.09 SQ				
10		AF				AS						
11				.11 QX								
12												
13											AS	
14									.09 SQ			
15												
16							.10 SQ					
17	.09 SQ				.10 SQ							
18			AS									
19												
20										.09 SQ		.09 SQ
21								.09 SQ				
22		.11 SQ				.11 SQ						
23				.24 5								
24												
25											.09 SQ	
26									.10 SQ			
27												
28							.12 SQ					
29	AS				AF							
30			.14 5									
31												.09 SQ
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	.11	.11	.14	.24	.10	.11	.12	.09	.10	.11	.09	.09
MEAN:	.100	.110	.120	.175	.100	.110	.103	.090	.087	.100	.090	.090
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.105	ANNUAL MAX:		.24				

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43804) Carbon tetrachloride

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 56-23-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.11 SQ									
2												.10 SQ
3										.09 SQ		
4								.10 SQ				
5		.09 SQ				.08 SQ						
6				.08 SQ								
7												
8											.08 SQ	
9									.09 SQ			
10												
11							.10 SQ					
12	AS				.08 SQ							
13			.09 QX									
14												.10 SQ
15										.11 SQ		
16								.09 SQ				
17		AS				.09 SQ						
18				.08 SQ								
19												
20											.09 SQ	
21									.10 SQ			
22												
23							.09 SQ					
24	.10 SQ				.08 SQ							
25			.08 SQ									
26												.10 SQ
27										.10 CC		
28								.08 SQ				
29						.08 SQ						
30				.08 SQ								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	.10	.09	.11	.08	.08	.09	.10	.10	.10	.11	.09	.10
MEAN:	.100	.090	.093	.080	.080	.083	.095	.090	.095	.100	.085	.100
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		.091		ANNUAL MAX:		.11			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43806) Bromoform

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-25-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43806) Bromoform

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-25-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43806) Bromoform

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-25-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43811) Trichlorofluoromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-69-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.25			
2												
3							.24					
4	.25				.28							
5			.29									
6												.00 ND
7										.24		
8								.25				
9		.27				AM						
10				.24								
11												
12											AS	
13									.29			
14												
15							.28					
16	.26				.27							
17			.08 5									
18												.27
19										.26		
20								.13 5				
21		.29				.26						
22				.25								
23												
24											AS	
25									AS			
26												
27							.25					
28	.22				.25							
29			.27									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	.26	.29	.29	.25	.28	.26	.28	.25	.29	.26		.27
MEAN:	.243	.280	.213	.245	.267	.260	.257	.190	.270	.250		.135
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		.238		ANNUAL MAX:		.29			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43811) Trichlorofluoromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-69-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.24	
2									.20			
3												
4							.00 ND					
5	.32				.26							
6			.30									
7												AF
8									.29			
9								.26				
10		AF				AS						
11				.32 QX								
12												
13											AS	
14									.26			
15												
16							.30					
17	.25				.28							
18			AS									
19												
20										.26 CC		.26
21								.24				
22		.29				.31 QX						
23				.71 5								
24												
25											.24	
26									.27 CC			
27												
28							.32					
29	AS				AF							
30			.34 5									
31												.25
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	.32	.29	.34	.71	.28	.31	.32	.26	.27	.29	.24	.26
MEAN:	.285	.290	.320	.515	.270	.310	.207	.250	.243	.275	.240	.255
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.282	ANNUAL MAX:		.71				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43811) Trichlorofluoromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-69-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.28									
2												.27
3										.24		
4								.28				
5		.26				.24						
6				.22								
7												
8											.25	
9									.26			
10												
11							.32					
12	AS				.23							
13			.25 QX									
14												.31
15										.29		
16								.25				
17		AS				.28						
18				.22								
19												
20											.24	
21									.26			
22												
23							.28					
24	.26				.21							
25			.24									
26												.28
27										.28		
28								.24				
29						.22						
30				.22								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	.26	.26	.28	.22	.23	.28	.32	.28	.26	.29	.25	.31
MEAN:	.260	.260	.257	.220	.220	.247	.300	.257	.260	.270	.245	.287
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		.256	ANNUAL MAX:		.32				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43812) Chloroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-00-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43812) Chloroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-00-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8										.00 ND		
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43812) Chloroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-00-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43813) 1,1-Dichloroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-34-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11											AS	
12												
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43813) 1,1-Dichloroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-34-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8										.00 ND		
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43813) 1,1-Dichloroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-34-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43814) Methyl chloroform

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 71-55-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43814) Methyl chloroform

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 71-55-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43814) Methyl chloroform

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 71-55-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43815) Ethylene dichloride

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 107-06-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11											AS	
12												
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43815) Ethylene dichloride

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 107-06-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8										.00 ND		
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43815) Ethylene dichloride

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 107-06-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43817) Tetrachloroethylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 127-18-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.24								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.12 SQ						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.15 SQ							
29			.13 SQ									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	.13	.24	.15	.12	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	.043	.120	.050	.120	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		.026		ANNUAL MAX:		.24			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43817) Tetrachloroethylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 127-18-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.10 SQ				.10 SQ							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.09 QX								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.09 SQ				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.15 SQ			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	.10	0.00	0.00	.09	.10	0.00	0.00	.09	.15	0.00	0.00	0.00
MEAN:	.050	0.000	0.000	.045	.050	0.000	0.000	.045	.050	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.022	ANNUAL MAX:		.15				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43817) Tetrachloroethylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 127-18-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.12 SQ								
7												
8											.00 ND	
9									.16 SQ			
10												
11							.00 ND					
12	AS				.07 SQ							
13			.15 QX									
14												.48 5
15										.19 SQ		
16								.00 ND				
17		AS				.08 SQ						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.30 5					
24	.00 ND				.00 ND							
25			.36 5									
26												.00 ND
27										.10 CC		
28								.12 SQ				
29						.09 SQ						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	.36	.12	.07	.09	.30	.12	.16	.19	0.00	.48
MEAN:	0.000	0.000	.170	.040	.035	.057	.150	.040	.080	.097	0.000	.160
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		.079		ANNUAL MAX:		.48			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43818) 1,1,2,2-Tetrachloroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 79-34-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11											AS	
12												
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43818) 1,1,2,2-Tetrachloroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 79-34-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43818) 1,1,2,2-Tetrachloroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 79-34-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43819) Bromomethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 74-83-9  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43819) Bromomethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 74-83-9  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43819) Bromomethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 74-83-9  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
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17		AS				.00 ND						
18				.00 ND								
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25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43820) 1,1,2-Trichloroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 79-00-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43820) 1,1,2-Trichloroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 79-00-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8										.00 ND		
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43820) 1,1,2-Trichloroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 79-00-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43821) 1,1,2-Trichloro-1,2,2-trifluoroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 76-13-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.18 SQ			
2												
3							.18 SQ					
4	.18 SQ				.20 SQ							
5			.20 SQ									
6												.19 SQ
7										.15 SQ		
8								.16 SQ				
9		.19 SQ				AM						
10				.17 SQ								
11												
12											AS	
13									.20 SQ			
14												
15							.20 SQ					
16	.18 SQ				.18 SQ							
17			.00 ND									
18												.19 SQ
19										.16 SQ		
20							.18 SQ	.14 CL				
21		.21 SQ										
22				.18 SQ								
23												
24											AS	
25									AS			
26												
27							.16 SQ					
28	.16 SQ				.17 SQ							
29			.19 SQ									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	.18	.21	.20	.18	.20	.18	.20	.16	.20	.16		.19
MEAN:	.173	.200	.130	.175	.183	.180	.180	.150	.190	.155		.190
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		.172		ANNUAL MAX:		.21			

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43821) 1,1,2-Trichloro-1,2,2-trifluoroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 76-13-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1												.15 SQ
2									.13 SQ			
3												
4							.00 ND					
5	.20 SQ				.16 SQ							
6			.19 SQ									
7												AF
8									.19 SQ			
9								.16 SQ				
10		AF				AS						
11				.19 QX								
12												
13											AS	
14									.16 SQ			
15												
16							.18 SQ					
17	.17 SQ				.17 SQ							
18			AS									
19												.15 SQ
20										.17 SQ		
21								.15 SQ				
22		.20 SQ				.19 SQ						
23				.41 5								
24												
25											.16 SQ	
26									.17 SQ			
27												
28							.21 SQ					
29	AS				AF							
30			.22 QX									
31												.15 SQ
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	.20	.20	.22	.41	.17	.19	.21	.16	.17	.19	.16	.15
MEAN:	.185	.200	.205	.300	.165	.190	.130	.155	.153	.180	.155	.150
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.176	ANNUAL MAX:		.41				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43821) 1,1,2-Trichloro-1,2,2-trifluoroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 76-13-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.17 SQ									
2												.17 SQ
3										.15 SQ		
4								.17 SQ				
5		.16 SQ				.14 SQ						
6				.14 SQ								
7												
8											.15 SQ	
9									.16 SQ			
10												
11							.17 SQ					
12	AS				.15 SQ							
13			.13 QX									
14												.18 SQ
15										.17 SQ		
16								.14 SQ				
17		AS				.17 SQ						
18				.00 ND								
19												
20											.15 SQ	
21									.17 SQ			
22												
23							.15 SQ					
24	.16 SQ				.13 SQ							
25			.13 SQ									
26												.18 SQ
27										.18 CC		
28								.13 SQ				
29						.13 SQ						
30				.14 SQ								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	.16	.16	.17	.14	.15	.17	.17	.17	.17	.18	.15	.18
MEAN:	.160	.160	.143	.093	.140	.147	.160	.147	.165	.167	.150	.177
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		.149	ANNUAL MAX:		.18				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43823) Dichlorodifluoromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-71-8  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.60			
2												
3							.53					
4	.53				.67							
5			.65									
6												.65
7										.18 5		
8								.48				
9		.61				AM						
10				.55								
11											AS	
12									.64			
13												
14												
15							.63					
16	.60				.66							
17			.18 5									
18												.61
19										.22 5		
20								.32 5				
21		.63				.57						
22				.55								
23												
24											AS	
25									AS			
26												
27							.57					
28	.51				.57							
29			.59									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	.60	.63	.65	.55	.67	.57	.63	.48	.64	.22		.65
MEAN:	.547	.620	.473	.550	.633	.570	.577	.400	.620	.200		.630
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		.532		ANNUAL MAX:		.67			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43823) Dichlorodifluoromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-71-8  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.54	
2									.45			
3												
4							.55 QX					
5	.70				.60							
6			.64									
7												AF
8									.64			
9								.56				
10		AF				AS						
11				.46 QX								
12												
13										AS		
14									.57			
15												
16							.32 5					
17	.53				.55							
18			AS									
19												
20										.58		.55
21								.53				
22		.50				.48 QX						
23				1.66 5								
24												
25											.55	
26									.57			
27												
28							.66					
29	AS				AF							
30			.64 QX									
31												.54
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	.70	.50	.64	1.66	.60	.48	.66	.56	.57	.64	.55	.55
MEAN:	.615	.500	.640	1.060	.575	.480	.510	.545	.530	.610	.545	.545
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.599		ANNUAL MAX:		1.66			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43823) Dichlorodifluoromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-71-8  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.63									
2												.60
3										.50		
4								.62				
5		.59				.55						
6				.25	5							
7												
8											.54	
9									.60			
10												
11							.68					
12	AS				.51							
13			.45	QX								
14												.56
15										.61		
16								.54				
17		AS				.65						
18				.49								
19												
20											.54	
21									.54			
22												
23							.58					
24	.57				.50							
25			.17	5								
26												.51
27										.64		
28								.56				
29						.50						
30				.50								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	.57	.59	.63	.50	.51	.65	.68	.62	.60	.64	.54	.60
MEAN:	.570	.590	.417	.413	.505	.567	.630	.573	.570	.583	.540	.557
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		.535		ANNUAL MAX:		.68			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43824) Trichloroethylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 79-01-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43824) Trichloroethylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 79-01-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43824) Trichloroethylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 79-01-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43826) 1,1-Dichloroethylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-35-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43826) 1,1-Dichloroethylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-35-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8										.00 ND		
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43826) 1,1-Dichloroethylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-35-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
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25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43828) Bromodichloromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-27-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43828) Bromodichloromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-27-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43828) Bromodichloromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-27-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
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11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
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17		AS				.00 ND						
18				.00 ND								
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20											.00 ND	
21									.00 ND			
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23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
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27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43829) 1,2-Dichloropropane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 78-87-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
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20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43829) 1,2-Dichloropropane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 78-87-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
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6			.00 ND									
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10		AF				AS						
11				.00 ND								
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13											AS	
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18			AS									
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20										.00 ND		.00 ND
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25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43829) 1,2-Dichloropropane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 78-87-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
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12	AS				.00 ND							
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17		AS				.00 ND						
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28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43830) trans-1,3-Dichloropropene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10061-02-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
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9		.00 ND				AM						
10				.00 ND								
11											AS	
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13									.00 ND			
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15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43830) trans-1,3-Dichloropropene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10061-02-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
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4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
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10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43830) trans-1,3-Dichloropropene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10061-02-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
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12	AS				.00 ND							
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18				.00 ND								
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28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43831) cis-1,3-Dichloropropene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10061-01-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
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3							.00 ND					
4	.00 ND				.00 ND							
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11											AS	
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17			.00 ND									
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19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
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23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43831) cis-1,3-Dichloropropene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10061-01-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43831) cis-1,3-Dichloropropene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10061-01-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
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24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43832) Dibromochloromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 124-48-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43832) Dibromochloromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 124-48-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8										.00 ND		
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:	0.000	ANNUAL MAX:	0.00						

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43832) Dibromochloromethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 124-48-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
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8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
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25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43838) trans-1,2-Dichloroethylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 156-60-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43838) trans-1,2-Dichloroethylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 156-60-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8										.00 ND		
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43838) trans-1,2-Dichloroethylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 156-60-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
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11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
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17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43839) cis-1,2-Dichloroethene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 156-59-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11											AS	
12												
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43839) cis-1,2-Dichloroethene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 156-59-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8										.00 ND		
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43839) cis-1,2-Dichloroethene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 156-59-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
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10												
11							.00 ND					
12	AS				.00 ND							
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16								.00 ND				
17		AS				.00 ND						
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25			.00 ND									
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27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43843) Ethylene dibromide

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 106-93-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11											AS	
12												
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43843) Ethylene dibromide

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 106-93-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
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5	.00 ND				.00 ND							
6			.00 ND									
7												AF
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9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43843) Ethylene dibromide

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 106-93-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
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13			.00 ND									
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17		AS				.00 ND						
18				.00 ND								
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27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43844) Hexachlorobutadiene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 87-68-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
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3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
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8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11											AS	
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13									.00 ND			
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15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43844) Hexachlorobutadiene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 87-68-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
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4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
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16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
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25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43844) Hexachlorobutadiene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 87-68-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
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8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
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16								.00 ND				
17		AS				.00 ND						
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25			.00 ND									
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27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43852) Dichlorotetrafluoroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 1320-37-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

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

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43852) Dichlorotetrafluoroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 1320-37-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

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

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43852) Dichlorotetrafluoroethane

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 1320-37-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

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

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43860) Vinyl chloride

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-01-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11											AS	
12												
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43860) Vinyl chloride

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-01-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13										AS		
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(43860) Vinyl chloride

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 75-01-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45109) m/p Xylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			1.25									
6												.00 ND
7										.00 ND		
8								.72 SQ				
9		.00 ND				AM						
10				.00 ND								
11											AS	
12												
13									.00 ND			
14												
15							2.08					
16	.78 SQ				.00 ND							
17			.00 ND									
18												1.30 SQ
19										.00 ND		
20								.88 CL				
21		.00 ND				.76 SQ						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.78 SQ				.98							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	.78	0.00	1.25	0.00	.98	.76	2.08	.88	0.00	0.00		1.30
MEAN:	.520	0.000	.417	0.000	.327	.760	.693	.800	0.000	0.000		.650
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		.381		ANNUAL MAX:		2.08			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45109) m/p Xylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.62 SQ			
3												
4							.00 ND					
5	1.57 SQ				.00 ND							
6			.00 ND									
7												AF
8										1.10 SQ		
9								1.86 SQ				
10		AF				AS						
11				.61 QX								
12												
13											AS	
14									1.23 SQ			
15												
16							.82 SQ					
17	.00 ND				.00 ND							
18			AS									
19												
20										.61 SQ		.00 ND
21								.94 SQ				
22		1.15 SQ				1.35 SQ						
23				.00 ND								
24												
25											.00 ND	
26									2.72 5			
27												
28							.51 SQ					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	1.57	1.15	0.00	.61	0.00	1.35	.82	1.86	2.72	1.10	0.00	0.00
MEAN:	.785	1.150	0.000	.305	0.000	1.350	.443	1.400	1.523	.855	0.000	0.000
ANNUAL OBSERVATIONS:		24		ANNUAL MEAN:	.629	ANNUAL MAX:	2.72					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45109) m/p Xylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER:  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			1.10 SQ									
2												.69 SQ
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.66 SQ	
9									1.68 SQ			
10												
11							.80 SQ					
12	AS				.00 ND							
13			.74 QX									
14												1.28 SQ
15										.56 SQ		
16								1.04 SQ				
17		AS				.78 SQ						
18				.78 SQ								
19												
20											.63 SQ	
21									.00 ND			
22												
23							.88 SQ					
24	.67 SQ				.56 SQ							
25			.81 SQ									
26												.00 ND
27										1.76 CC		
28								1.36 SQ				
29						.72 SQ						
30				.53 SQ								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	.67	0.00	1.10	.78	.56	.78	.88	1.36	1.68	1.76	.66	1.28
MEAN:	.670	0.000	.883	.437	.280	.500	.840	.800	.840	.773	.645	.657
ANNUAL OBSERVATIONS:		28		ANNUAL MEAN:	.644		ANNUAL MAX:	1.76				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45201) Benzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 71-43-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.828			
2												
3							.468 SQ					
4	.942				.468 SQ							
5			2.346									
6												1.830
7										.000 ND		
8								.480 SQ				
9		1.512				AM						
10				.822								
11											AS	
12												
13									.444 SQ			
14												
15							.648 SQ					
16	2.178				.582 SQ							
17			.000 ND									
18												1.176
19										.912		
20								.618 CL				
21		1.452				.834						
22				.570 SQ								
23												
24											AS	
25									AS			
26												
27							.828					
28	1.734				.948							
29			1.422									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	2.178	1.512	2.346	.822	.948	.834	.828	.618	.828	.912		1.830
MEAN:	1.6180	1.4820	1.2560	.6960	.6660	.8340	.6480	.5490	.6360	.4560		1.5030
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		.9617	ANNUAL MAX:		2.346				

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45201) Benzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 71-43-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.998	
2									.330 SQ			
3												
4							.400 SQ					
5	5.685 5				.860							
6			1.262									
7												AF
8										.536 SQ		
9								4.747 5				
10		AF				AS						
11				.721 QX								
12												
13											AS	
14									20.055 5			
15												
16							.587 SQ					
17	1.000				.427 SQ							
18			AS									
19												1.208
20										.676 SQ		
21								.554 CC				
22		1.571				.981						
23				1.273								
24												
25											.904	
26									16.244 5			
27												
28							.373 SQ					
29	AS				AF							
30			1.117 QX									
31												.877
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	5.685	1.571	1.262	1.273	.860	.981	.587	4.747	20.055	.676	.998	1.208
MEAN:	3.3425	1.5710	1.1895	.9970	.6435	.9810	.4533	2.6505	12.2097	.6060	.9510	1.0425
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		2.6411	ANNUAL MAX:		20.055				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45201) Benzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 71-43-2  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			4.001 5									
2												1.920
3										1.080		
4								.480 SQ				
5		1.190				.600 SQ						
6				.900								
7												
8											3.780 5	
9									.780			
10												
11							2.220					
12	AS				.300 SQ							
13			5.404 5									
14												1.380
15										.720		
16								.960				
17		AS				.960						
18				2.700								
19												
20											1.020	
21									.528 SQ			
22												
23							2.880					
24	2.058				1.080							
25			3.813 5									
26												1.080
27										6.000 5		
28								2.580				
29						.720						
30				1.560								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	2.058	1.190	5.404	2.700	1.080	.960	2.880	2.580	.780	6.000	3.780	1.920
MEAN:	2.0580	1.1900	4.4060	1.7200	.6900	.7600	2.5500	1.3400	.6540	2.6000	2.4000	1.4600
ANNUAL OBSERVATIONS:		28		ANNUAL MEAN:	1.8819		ANNUAL MAX:	6.000				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45202) Toluene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 108-88-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									1.28			
2												
3							2.00					
4	.55 SQ				.67 SQ							
5			4.24									
6												2.43
7										1.74		
8								1.30 CC				
9		1.01				AM						
10				1.63								
11											AS	
12									.94			
13												
14												
15							8.02 5					
16	2.15				2.30							
17			.20 SQ									
18												20.50 5
19										1.46		
20								3.56 CL				
21		1.52				2.44						
22				.00 ND								
23											AS	
24												
25									AS			
26												
27							1.88					
28	1.72				2.54							
29			2.38									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	2.15	1.52	4.24	1.63	2.54	2.44	8.02	3.56	1.28	1.74		20.50
MEAN:	1.473	1.265	2.273	.815	1.837	2.440	3.967	2.430	1.110	1.600		11.465
ANNUAL OBSERVATIONS:		25		ANNUAL MEAN:	2.738	ANNUAL MAX:	20.50					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45202) Toluene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 108-88-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.92	
2									3.05			
3												
4							.96					
5	6.65 5				1.56							
6			.63 SQ									
7												
8										6.27 5		AF
9								3.81				
10		AF				AS						
11				2.70 QX								
12												
13											AS	
14									4.24			
15												
16							1.34					
17	.81 SQ				.58 SQ							
18			AS									
19												
20										1.71		1.65
21												
22		3.91						1.92				
23				2.59		2.22 QX						
24												
25											2.86	
26									8.45 5			
27												
28							.90					
29	AS				AF							
30			.71 QX									
31												.60 SQ
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	6.65	3.91	.71	2.70	1.56	2.22	1.34	3.81	8.45	6.27	2.86	1.65
MEAN:	3.730	3.910	.670	2.645	1.070	2.220	1.067	2.865	5.247	3.990	1.890	1.125
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		2.543	ANNUAL MAX:		8.45				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45202) Toluene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 108-88-3  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			2.42									
2												2.45
3										.84		
4								1.19				
5		.88				1.89						
6				.98								
7												
8											2.38	
9									4.34			
10												
11							3.36					
12	AS				.51 SQ							
13			3.13 QX									
14												4.34
15										1.82		
16								2.24				
17		AS				3.92						
18				2.94								
19												
20											2.17	
21									.84			
22												
23							3.85					
24	2.76				1.96							
25			3.19									
26												.91
27										2.94		
28								3.64				
29							1.47					
30				1.40								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	2.76	.88	3.19	2.94	1.96	3.92	3.85	3.64	4.34	2.94	2.38	4.34
MEAN:	2.760	.880	2.913	1.773	1.235	2.427	3.605	2.357	2.590	1.867	2.275	2.567
ANNUAL OBSERVATIONS:		28		ANNUAL MEAN:	2.313		ANNUAL MAX:	4.34				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45203) Ethylbenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 100-41-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.44 SQ									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.51 SQ					
16	.00 ND				.00 ND							
17			.00 ND									
18												.38 SQ
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	.44	0.00	0.00	0.00	.51	0.00	0.00	0.00		.38
MEAN:	0.000	0.000	.147	0.000	0.000	0.000	.170	0.000	0.000	0.000		.190
ANNUAL OBSERVATIONS:		25		ANNUAL MEAN:	.053		ANNUAL MAX:	.51				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45203) Ethylbenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 100-41-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.54 SQ				.00 ND							
6			.00 ND									
7												AF
8										.29 SQ		
9								.47 SQ				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.27 SQ			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.26 SQ				
22		.39 SQ				.43 SQ						
23				.00 ND								
24												
25											.00 ND	
26									.56 SQ			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	.54	.39	0.00	0.00	0.00	.43	0.00	.47	.56	.29	0.00	0.00
MEAN:	.270	.390	0.000	0.000	0.000	.430	0.000	.365	.277	.145	0.000	0.000
ANNUAL OBSERVATIONS:		24		ANNUAL MEAN:	.134	ANNUAL MAX:	.56					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45203) Ethylbenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 100-41-4  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.39 SQ									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.44 SQ			
10												
11							.30 SQ					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.33 SQ				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.30 SQ					
24	.26 SQ				.00 ND							
25			.00 ND									
26												.00 ND
27										.46 CC		
28								.39 SQ				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	.26	0.00	.39	0.00	0.00	0.00	.30	.39	.44	.46	0.00	0.00
MEAN:	.260	0.000	.130	0.000	0.000	0.000	.300	.240	.220	.153	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		.103		ANNUAL MAX:		.46			

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45204) o-Xylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 95-47-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.34 SQ									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.70 SQ					
16	.00 ND				.00 ND							
17			.00 ND									
18												.45 SQ
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	.34	0.00	0.00	0.00	.70	0.00	0.00	0.00		.45
MEAN:	0.000	0.000	.113	0.000	0.000	0.000	.233	0.000	0.000	0.000		.225
ANNUAL OBSERVATIONS:		25		ANNUAL MEAN:	.060		ANNUAL MAX:	.70				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45204) o-Xylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 95-47-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.22 SQ			
3												
4							.00 ND					
5	.54 SQ				.00 ND							
6			.00 ND									
7												
8										.40 SQ		AF
9								.60 SQ				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.36 SQ			
15												
16							.27 SQ					
17	.00 ND				.00 ND							
18			AS									
19												
20										.23 SQ		.00 ND
21								.32 SQ				
22		.37 SQ				.48 SQ						
23				.00 ND								
24												
25											.00 ND	
26									.81 5			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	.54	.37	0.00	0.00	0.00	.48	.27	.60	.81	.40	0.00	0.00
MEAN:	.270	.370	0.000	0.000	0.000	.480	.090	.460	.463	.315	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.192		ANNUAL MAX:		.81			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45204) o-Xylene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 95-47-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.40 SQ									
2												.26 SQ
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.21 SQ	
9									.50 SQ			
10												
11							.31 SQ					
12	AS				.00 ND							
13			.25 QX									
14												.88 5
15										.20 SQ		
16								.33 SQ				
17		AS				.24 SQ						
18				.26 SQ								
19												
20											.20 SQ	
21									.00 ND			
22												
23							.26 SQ					
24	.28 SQ				.19 SQ							
25			.40 SQ									
26												.00 ND
27										.62 CC		
28								.43 SQ				
29						.22 SQ						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	.28	0.00	.40	.26	.19	.24	.31	.43	.50	.62	.21	.88
MEAN:	.280	0.000	.350	.087	.095	.153	.285	.253	.250	.273	.205	.380
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		.230	ANNUAL MAX:		.88				

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45207) 1,3,5-Trimethylbenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 108-67-8  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11											AS	
12												
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45207) 1,3,5-Trimethylbenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 108-67-8  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45207) 1,3,5-Trimethylbenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 108-67-8  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45208) 1,2,4-Trimethylbenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 95-63-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.13 SQ
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		.13
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		.065
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		.005		ANNUAL MAX:		.13			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45208) 1,2,4-Trimethylbenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 95-63-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.56 QX				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.44 SQ				
10		AF				AS						
11				.20 QX								
12												
13											AS	
14									.26 SQ			
15												
16							.51 SQ					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.35 SQ				
22		.00 ND				.47 SQ						
23				.00 ND								
24												
25											.00 ND	
26									.57 SQ			
27												
28							.24 SQ					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	.56	0.00	0.00	.20	0.00	.47	.51	.44	.57	0.00	0.00	0.00
MEAN:	.280	0.000	0.000	.100	0.000	.470	.250	.395	.277	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.150	ANNUAL MAX:		.57				

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45208) 1,2,4-Trimethylbenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 95-63-6  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.46 SQ
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.24 QX									
14												.88 SQ
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.66 SQ									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.88
MEAN:	0.000	0.000	.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	.447
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		.080		ANNUAL MAX:		.88			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45213) p-Ethyltoluene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 622-96-8  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11											AS	
12												
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45213) p-Ethyltoluene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 622-96-8  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.21 SQ				.00 ND							
6			.00 ND									
7												AF
8										.00 ND		
9								.15 SQ				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21									.00 ND			
22		.00 ND				.18 SQ						
23				.00 ND								
24												
25											.00 ND	
26									.37 SQ			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	.21	0.00	0.00	0.00	0.00	.18	0.00	.15	.37	0.00	0.00	0.00
MEAN:	.105	0.000	0.000	0.000	0.000	.180	0.000	.075	.123	0.000	0.000	0.000
ANNUAL OBSERVATIONS:		24		ANNUAL MEAN:	.038	ANNUAL MAX:	.37					

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45213) p-Ethyltoluene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 622-96-8  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45220) Styrene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 100-42-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.56 SQ									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	.187	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		.022		ANNUAL MAX:		.56			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45220) Styrene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 100-42-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.14 SQ				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13										AS		
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20									.00 ND			
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25										.00 ND		
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	.070	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		.006		ANNUAL MAX:		.14			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45220) Styrene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 100-42-5  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.48 SQ				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	.480	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		.017		ANNUAL MAX:		.48			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45801) Chlorobenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 108-90-7  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11											AS	
12												
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45801) Chlorobenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 108-90-7  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45801) Chlorobenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 108-90-7  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
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12	AS				.00 ND							
13			.00 ND									
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17		AS				.00 ND						
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25			.00 ND									
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27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45805) 1,2-Dichlorobenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 95-50-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
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9		.00 ND				AM						
10				.00 ND								
11											AS	
12												
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45805) 1,2-Dichlorobenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 95-50-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
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4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
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9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45805) 1,2-Dichlorobenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 95-50-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
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13			.00 ND									
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17		AS				.00 ND						
18				.00 ND								
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25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45806) 1,3-Dichlorobenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 541-73-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
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8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
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15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45806) 1,3-Dichlorobenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 541-73-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8										.00 ND		
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
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16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
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21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45806) 1,3-Dichlorobenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 541-73-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
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5		.00 ND				.00 ND						
6				.00 ND								
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8											.00 ND	
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11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
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17		AS				.00 ND						
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26												.00 ND
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28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45807) 1,4-Dichlorobenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 106-46-7  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11											AS	
12												
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45807) 1,4-Dichlorobenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 106-46-7  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												.00 ND
20										.00 ND		
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45807) 1,4-Dichlorobenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 106-46-7  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
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23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45810) 1,2,4-Trichlorobenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 120-82-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11											AS	
12												
13									.00 ND			
14												
15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45810) 1,2,4-Trichlorobenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 120-82-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(45810) 1,2,4-Trichlorobenzene

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 120-82-1  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
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8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												AM
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												AM
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	1
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	26		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(46401) Furan, tetrahydro-

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 109-99-9  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1									.00 ND			
2												
3							.00 ND					
4	.00 ND				.00 ND							
5			.00 ND									
6												.00 ND
7										.00 ND		
8								.00 ND				
9		.00 ND				AM						
10				.00 ND								
11												
12											AS	
13									.00 ND			
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15							.00 ND					
16	.00 ND				.00 ND							
17			.00 ND									
18												.00 ND
19										.00 ND		
20								.00 CL				
21		.00 ND				.00 ND						
22				.00 ND								
23												
24											AS	
25									AS			
26												
27							.00 ND					
28	.00 ND				.00 ND							
29			.00 ND									
30												
31										AS		
NO.:	3	2	3	2	3	1	3	2	2	2	0	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	25		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(46401) Furan, tetrahydro-

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 109-99-9  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1											.00 ND	
2									.00 ND			
3												
4							.00 ND					
5	.00 ND				.00 ND							
6			.00 ND									
7												AF
8									.00 ND			
9								.00 ND				
10		AF				AS						
11				.00 ND								
12												
13											AS	
14									.00 ND			
15												
16							.00 ND					
17	.00 ND				.00 ND							
18			AS									
19												
20										.00 ND		.00 ND
21								.00 ND				
22		.00 ND				.00 ND						
23				.00 ND								
24												
25											.00 ND	
26									.00 ND			
27												
28							.00 ND					
29	AS				AF							
30			.00 ND									
31												.00 ND
NO.:	2	1	2	2	2	1	3	2	3	2	2	2
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	24		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 RAW DATA REPORT

Jul. 3, 2019

(46401) Furan, tetrahydro-

SITE ID: 42-125-0005 POC: 3  
 COUNTY: (125) Washington  
 CITY: (12704) Charleroi  
 SITE ADDRESS: CHARLER01 WASTE TREATMENT PLANT  
 SITE COMMENTS: CHARLER01 BOROUGH WASTE TREATMENT PLANT M6380701 PA SITE CODE  
 MONITOR COMMENTS:

STATE: (42) Pennsylvania  
 AQCR: (197) SOUTHWEST PENNSYLVANIA  
 URBANIZED AREA: (5187) MONESSEN, PA  
 LAND USE: COMMERCIAL  
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 109-99-9  
 LATITUDE: 40.146667  
 LONGITUDE: -79.902222  
 UTM ZONE:  
 UTM NORTHING:  
 UTM EASTING:  
 ELEVATION-MSL: 232  
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection  
 MONITOR TYPE: SPM  
 COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco  
 PQAO: (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2015

DURATION: 24 HOUR  
 UNITS: Parts per billion Carbon  
 MIN DETECTABLE:

Day	MONTH											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1			.00 ND									
2												.00 ND
3										.00 ND		
4								.00 ND				
5		.00 ND				.00 ND						
6				.00 ND								
7												
8											.00 ND	
9									.00 ND			
10												
11							.00 ND					
12	AS				.00 ND							
13			.00 ND									
14												.00 ND
15										.00 ND		
16								.00 ND				
17		AS				.00 ND						
18				.00 ND								
19												
20											.00 ND	
21									.00 ND			
22												
23							.00 ND					
24	.00 ND				.00 ND							
25			.00 ND									
26												.00 ND
27										.00 ND		
28								.00 ND				
29						.00 ND						
30				.00 ND								
31												
NO.:	1	1	3	3	2	3	2	3	2	3	2	3
MAX:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MEAN:	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANNUAL OBSERVATIONS:	28		ANNUAL MEAN:		0.000		ANNUAL MAX:		0.00			

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

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
5	Outlier.	QA
AF	Scheduled but not Collected.	NULL
AM	Miscellaneous Void.	NULL
AS	Poor Quality Assurance Results.	NULL
CC	Clean Canister Residue.	QA
CL	Surrogate Recoveries Outside Control Limits.	QA
EH	Estimated; Exceeds Upper Range.	QA
LL	Analyte Identified; Reported Value May Be Biased Low.	QA
ND	No Value Detected, Zero Reported.	QA
QX	Does not meet QC criteria.	QA
SQ	Values Between SQL and MDL.	QA

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