UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: XCMROBBINS RAW DATA REPORT

Report Request ID: 1760105 Report Code: AMP350 Jul. 3, 2019

GEOGRAPHIC SELECTIONS

Tribal

Code State County Site Parameter POC City AQCR UAR CBSA CSA Region

42 119 0001 2

PROTOCOL SELECTIONS

Parameter

Classification Parameter Method Duration

ALL 176

| | SELECTED OPTIONS | | | SORT ORDER |
|---|------------------|----------------|------|----------------|
| | Option Type | Option Value | Orde | r Column |
| _ | RAW DATA EVENTS | INCLUDE EVENTS | 1 | STATE_CODE |
| | DAILY STATISTICS | MAXIMUM | 2 | COUNTY_CODE |
| | AGENCY ROLE | PQAO | 3 | SITE ID |
| | UNITS | STANDARD | 4 | _ |
| | INCLUDE NULLS | YES | 4 | PARAMETER_CODE |
| | MERGE PDF FILES | YES | 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

Jul. 3, 2019

LATITUDE: 40.95517 LONGITUDE: -76.88189

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-15-0

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(42153) Carbon disulfide

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

2013

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|---------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .10 SQ | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .08 SQ | .00 ND | | |
| 8 9 | | .00 ND | | | | 00 ND | .00 ND | TS | | | | |
| 10 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 11 | .00 ND | | .00 ND | .00 ND | .00 10 | | | | | | | |
| 12 | | | .00 110 | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .00 ND | | | | AF | .00 ND | | | | | |
| 16 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 17 | | | .00 ND | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | 0.5.5 | | | | | | .00 ND | | | | |
| 21 | 0.0 MD | .35 5 | | 00 MD | .00 ND | AF | TS | | | | | |
| 22 23 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | *** |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .06 SQ | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | .06 | .35 | 0.00 | 0.00 | .10 | 0.00 | 0.00 | 0.00 | .08 | 0.00 | 0.00 | 0.00 |
| MEAN: | .012 | .088 | 0.000 | 0.000 | .025 | 0.000 | 0.000 | 0.000 | .016 | 0.000 | 0.000 | 0.000 |
| ANNUAL | L OBSERVATIONS | 3: 49 | ANNUAL MEAN: | .012 | ANNUAL MAX: | .35 | | | | | | |
| | | . 10 | THUOME PERMIT | .012 | | | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 75-15-0 LATITUDE: 40.95517 LONGITUDE: -76.88189

> > UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(42153) Carbon disulfide

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONTELL

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco

DURATION: 24 HOUR MONITOR TYPE: SPM 2014 REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

(0851) Pennsylvania Department Of Environmental Protection

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|---------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .01 SQ | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .04 SQ | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | | AF | | | | .00 ND | .00 ND | | | | | |
| 11 12 | .00 ND | | .00 ND | AF | .00 ND | | | | | | | |
| 13 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 15 | | | | | | | | .00 SQ | .00 ND | .00 ND | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | .00 50 | | | | |
| 17 | .00 ND | .00 21 | | .00 ND | .00 ND | .00 112 | .00 112 | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .10 SQ | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | 00 MD |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | .01 | .10 | 0.00 | 0.00 | .04 | 0.00 | 0.00 | 0.00 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | .002 | .025 | 0.000 | 0.000 | .008 | 0.000 | 0.000 | 0.000 |
| ANNUAI | OBSERVATIONS | : 54 | ANNUAL MEAN: | .003 | ANNUAL MAX: | .10 | | | | | | |
| | | | | | | | | | | | | |

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

Jul. 3, 2019

LATITUDE: 40.95517 LONGITUDE: -76.88189

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-15-0

STATE: (42) Pennsylvania

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA

CITY: (00000) Not in a city SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

SITE COMMENTS: MONITOR COMMENTS:

SITE ID: 42-119-0001

(42153) Carbon disulfide

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco

DURATION: 24 HOUR REPORT FOR:

UNITS: Parts per billion Carbon

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | 00.175 | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | .00 ND | 0.0 MD |
| 8 9 | | | | | | | | | AS | .00 ND | .00 ND | .00 ND |
| 10 | | | | | | | | .00 ND | AS | .00 ND | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | 00.370 | | | | 00.370 | 00.370 | .00 ND | | | | |
| 23 24 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 25 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 26 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | .00 112 | .00 112 |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUAI | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

Jul. 3, 2019

CAS NUMBER: 115-07-1 LATITUDE: 40.95517 LONGITUDE: -76.88189 UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

SITE ID: 42-119-0001 POC: 2

COUNTY: (119) Union

CITY: (00000) Not in a city

(43205) Propylene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR

2013 REPORT FOR: UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|---------|----------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | 2.424 | .522 LL | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | 3.168 | | | | 1.350 | .975 CC | | | | | |
| 4 | 1.704 | | | 1.698 | 1.728 CC | | | | | | | |
| 5 | | | 1.593 | | | | | | | | 0.055 | |
| 6 | | | | | | | | | 1 500 | 417 | 2.967 | 3.159 |
| 7 8 | | | | | | | | TS | 1.500 | .417 LL | | |
| 9 | | 1.620 | | | | 1.845 | 2.307 | 15 | | | | |
| 10 | 3.786 | 1.020 | | 1.716 | 2.367 | 1.015 | 2.507 | | | | | |
| 11 | | | 1.335 | | | | | | | | | |
| 12 | | | | | | | | | | | 1.149 | 2.520 |
| 13 | | | | | | | | | .474 | 1.716 | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | 2.898 | | | | AF | 1.542 | | | | | |
| 16 | 3.540 | | | 1.944 | 2.412 | | | | | | | |
| 17 | | | 2.277 | | | | | | | | | |
| 18 | | | | | | | | | | | TS | 4.203 |
| 19 | | | | | | | | 1 542 55 | .924 | 3.732 | | |
| 20 21 | | 1.590 | | | | AF | TS | 1.743 CC | | | | |
| 22 | 1.845 | 1.590 | | 2.055 | 1.434 CC | Ar | 15 | | | | | |
| 23 | 1.015 | | 1.548 | 2.033 | 1.131 00 | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | 1.185 | 1.227 | | |
| 26 | | | | | | | | 1.563 CC | | | | |
| 27 | | AF | | | | AF | 1.746 | | | | | |
| 28 | 3.783 | | | 2.604 | TS | | | | | | | |
| 29 | | | 1.791 | | | | | | | | | |
| 30 | | | | | | | | | | | 3.714 | 3.197 |
| 31 | | | | | | | | | | 2.391 | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 3.786 | 3.168 | 2.277 | 2.604 | 2.412 | 1.845 | 2.307 | 1.743 | 2.424 | 3.732 | 3.714 | 4.203 |
| MEAN: | 2.9316 | 2.3190 | 1.7088 | 2.0034 | 1.9853 | 1.5975 | 1.6425 | 1.6530 | 1.3014 | 1.6675 | 2.6100 | 3.2698 |
| ANNUAL | OBSERVATIONS: | 49 | ANNUAL MEAN: | 2.0598 | ANNUAL MAX: | 4.203 | | | | | | |

Jul. 3, 2019

CAS NUMBER: 115-07-1 LATITUDE: 40.95517 LONGITUDE: STATE: (42) Pennsylvania -76.88189

SUBURBAN

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA CITY: (00000) Not in a city

URBANIZED AREA: (0000) NOT IN AN URBAN AREA SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

LAND USE: RESIDENTIAL SITE COMMENTS: LOCATION SETTING:

MONITOR COMMENTS:

(43205) Propylene

SITE ID: 42-119-0001

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco

POC: 2

DURATION: 24 HOUR MONITOR TYPE: SPM 2014 REPORT FOR:

UNITS: Parts per billion Carbon (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|----------|-------------|----------|----------|----------|-----------|----------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | 1.209 | 6.182 5 |
| 2 | | | | | | | | | 1.989 | 2.214 | | |
| 3 | | | | | | | | 1.854 CC | | | | |
| 4 | | 5.047 5 | | | | AF | 1.158 CC | | | | | |
| 5 | 7.256 5 | | | AF | 1.780 | | | | | | | |
| 6 | | | 1.719 | | | | | | | | | |
| 7 | | | | | | | | | | | 1.482 | 1.652 |
| 8 | | | | | | | | | 1.273 | 1.436 CC | | |
| 9 | | | | | | | | 1.592 | | | | |
| 10 11 | 5.273 5 | AF | | AF | 1.150 | 1.524 CC | 1.262 | | | | | |
| 12 | 5.2/3 5 | | 2.294 | Ar | 1.150 | | | | | | | |
| 13 | | | 2.294 | | | | | | | | 1.757 | 3.454 |
| 14 | | | | | | | | | 1.034 | 1.364 | 1.737 | 3.131 |
| 15 | | | | | | | | .775 CC | | | | |
| 16 | | 1.948 DI | | | | 2.320 | 1.211 CC | | | | | |
| 17 | 4.722 5 | | | 1.856 | 1.370 CC | | | | | | | |
| 18 | | | 1.883 | | | | | | | | | |
| 19 | | | | | | | | | | | 1.995 | 2.665 |
| 20 | | | | | | | | | 1.261 | 2.564 | | |
| 21 | | | | | | | | 1.060 CC | | | | |
| 22 | 0.540 | 1.543 | | | | 1.407 CC | 2.452 | | | | | |
| 23 24 | 3.642 | | .281 SQ | 1.229 CC | 1.043 | | | | | | | |
| 25 | | | .201 50 | | | | | | | | 2.772 | 3.313 |
| 26 | | | | | | | | | 2.122 | 1.224 | 2.772 | 3.313 |
| 27 | | | | | | | | 1.672 | | | | |
| 28 | | AS | | | | .872 CC | .064 SQ | | | | | |
| 29 | TS | | | 1.943 | .889 CC | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | 1.376 |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 7.256 | 5.047 | 2.294 | 1.943 | 1.780 | 2.320 | 2.452 | 1.854 | 2.122 | 2.564 | 2.772 | 6.182 |
| MEAN: | 5.2233 | 2.8460 | 1.5443 | 1.6760 | 1.2464 | 1.5308 | 1.2294 | 1.3906 | 1.5358 | 1.7604 | 1.8430 | 3.1070 |
| ANNUAI | OBSERVATIONS | : 54 | ANNUAL MEAN: | 2.0450 | ANNUAL MAX: | 7.256 | | | | | | |

Jul. 3, 2019

CAS NUMBER: 115-07-1 LATITUDE: 40.95517 LONGITUDE: -76.88189

STATE: (42) Pennsylvania

(195) CENTRAL PENNSYLVANIA URBANIZED AREA: (0000) NOT IN AN URBAN AREA

UTM NORTHING: UTM EASTING: SUBURBAN ELEVATION-MSL: 150

LAND USE: RESIDENTIAL

SITE COMMENTS: LOCATION SETTING:

MONITOR COMMENTS:

SITE ID: 42-119-0001

COUNTY: (119) Union

(43205) Propylene

CITY: (00000) Not in a city

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco (0851) Pennsylvania Department Of Environmental Protection

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

DURATION: 24 HOUR REPORT FOR:

UNITS: Parts per billion Carbon

UTM ZONE:

PROBE HEIGHT: 3

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|---------|--------|----------|-----------|----------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | 3.916 | | | | | | | | | |
| 2 | | | | | | | | | | | AF | 145.50 5 |
| 3 | | | | | | | | | 2.220 | AS | | |
| 4 | | | | | | | | 1.350 | | | | |
| 5 | | 2.198 | | | | 4.200 | 1.650 | | | | | |
| 6 | 3.104 | | | 2.190 | 1.140 | | | | | | | |
| 7 | | | 3.585 | | | | | | | | | |
| 8 | | | | | | | | | | | 2.010 | 6.300 5 |
| 9 | | | | | | | | | AS | 2.400 | | |
| 10 11 | | 2.541 | | | | 1.800 | 2.160 | 1.020 CC | | | | |
| 12 | 5.244 5 | 2.541 | | 1.980 | AF | 1.800 | 2.160 | | | | | |
| 13 | 5.244 5 | | 2.323 | 1.900 | Ar | | | | | | | |
| 14 | | | 2.323 | | | | | | | | 1.140 | AS |
| 15 | | | | | | | | | AS | 1.110 CC | 1.110 | 110 |
| 16 | | | | | | | | 2.460 | | | | |
| 17 | | 2.633 | | | | 1.200 | 1.980 | | | | | |
| 18 | 3.453 | | | 1.920 | 3.300 | | | | | | | |
| 19 | | | 1.499 | | | | | | | | | |
| 20 | | | | | | | | | | | 1.740 | AS |
| 21 | | | | | | | | | 1.050 CC | 3.000 | | |
| 22 | | | | | | | | 1.470 | | | | |
| 23 | | 1.954 | | | | 1.890 | 1.440 | | | | | |
| 24 | 3.795 | | | .660 | 1.440 | | | | | | | |
| 25 | | | 3.300 | | | | | | | | | |
| 26 | | | | | | | | | | | 2.520 | 2.430 |
| 27 | | | | | | | | | 1.020 | 3.900 | | |
| 28 | | | | | | | | AS | | | | |
| 29 30 | | | | 1.440 | 1.020 CC | 1.860 | 1.950 | | | | | |
| 31 | AF | | 1.590 | 1.440 | 1.020 CC | | | | | | | |
| 31 | | | | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | 5.244 | 2.633 | 3.916 | 2.190 | 3.300 | 4.200 | 2.160 | 2.460 | 2.220 | 3.900 | 2.520 | 145.50 |
| MEAN: | 3.8990 | 2.3315 | 2.7022 | 1.6380 | 1.7250 | 2.1900 | 1.8360 | 1.5750 | 1.4300 | 2.6025 | 1.8525 | 51.4100 |
| ANNUAI | OBSERVATIONS: | 51 | ANNUAL MEAN: | 5.0783 | ANNUAL MAX: | 145.500 | | | | | | |

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

CAS NUMBER: 106-99-0 LATITUDE: 40.95517 LONGITUDE: -76.88189

ELEVATION-MSL: 150

PROBE HEIGHT: 3

COUNTY: (119) Union

CITY: (00000) Not in a city

(43218) 1,3-Butadiene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

UNITS: Parts per billion Carbon

UTM ZONE:

UTM NORTHING:

UTM EASTING:

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | .00 112 | .00 112 | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | 00.375 | | | | | 00.370 | AF | | | | |
| 15 16 | .00 ND | .00 ND | | .00 ND | .00 ND | AF | .00 ND | | | | | |
| 17 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | 00 | | AF | .00 ND | | | | | |
| 28 | .00 ND | | 00.3 | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | 00 MD | 0.0 MD |
| 30 31 | | | | | | | | | | .00 ND | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> LATITUDE: 40.95517 LONGITUDE: -76.88189

ELEVATION-MSL: 150

PROBE HEIGHT: 3

106-99-0

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43218) 1,3-Butadiene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2014

REPORT FOR: UNITS: Parts per billion Carbon

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | 00.375 | AF | | | 00.375 | .00 ND | .00 ND | | | | | |
| 11 12 | .00 ND | | .00 ND | AF | .00 ND | | | | | | | |
| 13 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 15 | | | | | | | | .00 ND | .00 112 | .00 112 | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | .00 ND | 0.0 MD | .00 ND | .00 ND |
| 26 27 | | | | | | | | .00 ND | .00 MD | .00 ND | | |
| 28 | | AS | | | | .00 ND | .00 ND | .00 ND | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| | | | | | | | | | | | | |
| ANNUAI | C OBSERVATIONS | 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

CITY: (00000) Not in a city

(43218) 1,3-Butadiene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

106-99-0

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|----------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | 00.170 | | | | 00.370 | 0.0 2770 | .00 ND | | | | |
| 5 6 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 7 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 8 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | .00 ND | .00 ND |
| 10 | | | | | | | | .00 ND | 110 | .00 112 | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | .00 ND | | | | 00.370 | 0.0 2770 | .00 ND | | | | |
| 23 24 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 25 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 26 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUAI | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 110-54-3 LATITUDE: 40.95517 LONGITUDE: -76.88189

> > ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43231) n-Hexane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .34 SQ | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .42 SQ | | | | .00 ND | .70 SQ | | | | | |
| 4 | .38 SQ | | | .00 ND | .35 SQ | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .41 SQ | .49 SQ |
| 7 | | | | | | | | | .47 SQ | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .31 SQ | .86 5 | | | | | |
| 10 | .58 SQ | | | .48 SQ | .47 SQ | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .37 SQ |
| 13 | | | | | | | | | .00 ND | .34 SQ | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .41 SQ | | | | AF | .37 SQ | | | | | |
| 16 | .49 SQ | | | .29 SQ | .49 SQ | | | | | | | |
| 17 | | | .00 ND | | | | | | | | | |
| 18 | | | | | | | | | 50 | | TS | .59 SQ |
| 19 | | | | | | | | 00.375 | .50 SQ | .48 SQ | | |
| 20 | | .36 SQ | | | | AF | TS | .00 ND | | | | |
| 21 22 | .30 SQ | .36 SQ | | .00 ND | .32 SQ | Ar | 15 | | | | | |
| 23 | .30 50 | | .00 ND | .00 ND | .32 30 | | | | | | | |
| 24 | | | .00 ND | | | | | | | | AF | AF |
| 25 | | | | | | | | | .57 SQ | .00 ND | FIL | ni. |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .35 SQ | | | | | |
| 28 | .82 5 | | | .37 SQ | TS | | ~~ | | | | | |
| 29 | | | .29 SQ | | | | | | | | | |
| 30 | | | | | | | | | | | .35 SQ | .48 SQ |
| 31 | | | | | | | | | | .50 SQ | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | .82 | .42 | .29 | .48 | .49 | .31 | .86 | 0.00 | .57 | .50 | .41 | .59 |
| MEAN: | .514 | .298 | .058 | .228 | .408 | .155 | .570 | 0.000 | .308 | .277 | .253 | .483 |
| ANNUA | L OBSERVATIONS | : 49 | ANNUAL MEAN: | .312 | ANNUAL MAX: | .86 | | | | | | |

Jul. 3, 2019

LATITUDE: 40.95517 LONGITUDE: -76.88189

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

110-54-3

STATE: (42) Pennsylvania

(195) CENTRAL PENNSYLVANIA URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA LAND USE: RESIDENTIAL

LOCATION SETTING: SUBURBAN ELEVATION-MSL: 150 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR 2014 MONITOR TYPE: SPM REPORT FOR:

UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .65 SQ |
| 2 | | | | | | | | | .35 SQ | .38 SQ | | |
| 3 | | | | | | | | .51 SQ | | | | |
| 4 | | .64 SQ | | | | AF | .00 ND | | | | | |
| 5 | .42 SQ | | | AF | .16 SQ | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .26 SQ | .18 SQ |
| 8 | | | | | | | | | .59 SQ | .00 ND | | |
| 9 | | | | | | 22 55 | 22.55 | .43 SQ | | | | |
| 10 11 | .68 SQ | AF | | AF | .00 ND | .28 SQ | .33 SQ | | | | | |
| 12 | .08 SQ | | .61 SQ | Ar | .00 ND | | | | | | | |
| 13 | | | . UI SQ | | | | | | | | .27 SQ | .48 SQ |
| 14 | | | | | | | | | .00 ND | .00 ND | .2, 50 | .10 00 |
| 15 | | | | | | | | .00 ND | .00 110 | .00 110 | | |
| 16 | | .37 DI | | | | .34 SQ | .00 ND | | | | | |
| 17 | .58 SQ | | | 1.01 5 | .00 ND | ~ | | | | | | |
| 18 | | | .51 SQ | | | | | | | | | |
| 19 | | | | | | | | | | | .36 SQ | .36 SQ |
| 20 | | | | | | | | | .28 SQ | .38 SQ | | |
| 21 | | | | | | | | .28 SQ | | | | |
| 22 | | .29 SQ | | | | .00 ND | .81 5 | | | | | |
| 23 | .33 SQ | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .34 SQ | .43 SQ |
| 26 | | | | | | | | 41 65 | .40 SQ | .00 ND | | |
| 27 | | AS | | | | 00 255 | 00 255 | .41 SQ | | | | |
| 28 29 | TS | AS | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 30 | 10 | | AF | .UU ND | .00 ND | | | | | | | |
| 31 | | | PH. | | | | | | | | | .25 SQ |
| | | | | | | | | | | | | |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| :XAM | .68 | .64 | .61 | 1.01 | .16 | . 34 | .81 | .51 | .59 | .38 | .36 | .65 |
| MEAN: | .503 | .433 | .280 | .337 | .032 | .155 | .228 | .326 | .324 | .152 | .246 | .392 |
| | AL OBSERVATIONS | 54 | ANNUAL MEAN: | .277 | ANNUAL MAX: | 1.01 | | | | | | |

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

(43231) n-Hexane

CITY: (00000) Not in a city

POC: 2

SITE ID: 42-119-0001

COUNTY: (119) Union

SITE COMMENTS:

MONITOR COMMENTS:

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2

COUNTY: (119) Union

CITY: (00000) Not in a city

(43231) n-Hexane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

(0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM REPORT FOR: COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

DURATION: 24 HOUR 2015

UNITS: Parts per billion Carbon

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

110-54-3

40.95517

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .37 SQ | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .78 5 |
| 3 | | | | | | | | | .52 SQ | AS | | |
| 4 | | | | | | | | .50 SQ | | | | |
| 5 | | .35 SQ | | | | .32 SQ | .32 SQ | | | | | |
| 6 | .50 SQ | | | .22 SQ | .00 ND | | | | | | | |
| 7 | | | .20 SQ | | | | | | | | | |
| 8 | | | | | | | | | | | .25 SQ | .58 SQ |
| 9 | | | | | | | | | AS | .46 SQ | | |
| 10 | | | | | | | | .49 SQ | | | | |
| 11 | | .36 SQ | | | | .35 SQ | .38 SQ | | | | | |
| 12 | .54 SQ | | | .00 ND | AF | | | | | | | |
| 13 | | | .32 SQ | | | | | | | | 00.370 | 2.0 |
| 14 15 | | | | | | | | | AS | .00 ND | .00 ND | AS |
| 16 | | | | | | | | .39 SQ | AS | .00 ND | | |
| 17 | | .35 SQ | | | | .31 SQ | .60 SQ | .39 50 | | | | |
| 18 | .42 SQ | .55 50 | | .29 SQ | .31 SQ | .31 00 | .00 50 | | | | | |
| 19 | .12 00 | | .43 SQ | .25 50 | .31 50 | | | | | | | |
| 20 | | | | | | | | | | | .25 SQ | AS |
| 21 | | | | | | | | | .22 SQ | .48 SQ | _ | |
| 22 | | | | | | | | .29 SQ | | | | |
| 23 | | .28 SQ | | | | .60 SQ | .38 SQ | | | | | |
| 24 | .61 SQ | | | .00 ND | .30 SQ | | | | | | | |
| 25 | | | .38 SQ | | | | | | | | | |
| 26 | | | | | | | | | | | .35 SQ | .20 SQ |
| 27 | | | | | | | | | .28 SQ | .56 CC | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .60 SQ | .78 5 | | | | | |
| 30 | AF | | | .30 SQ | .35 SQ | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | .61 | .36 | .43 | .30 | .35 | .60 | .78 | .50 | .52 | .56 | .35 | .78 |
| MEAN: | .518 | .335 | .283 | .162 | .240 | .436 | .492 | .418 | .340 | .375 | .213 | .520 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | .355 | ANNUAL MAX: | .78 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43232) n-Heptane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM 2013 REPORT FOR:

UNITS: Parts per billion Carbon

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

142-82-5

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|--------|---------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .37 SQ | .32 SQ | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .50 SQ | | | | | |
| 4 | .00 ND | | | .86 5 | .29 SQ | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .28 SQ | .00 ND | | | | | |
| 10 | .36 SQ | | | .00 ND | .36 SQ | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .00 ND | | | | AF | .00 ND | | | | | |
| 16 | .00 ND | | | 1.68 5 | .00 ND | | | | | | | |
| 17 | | | .00 ND | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .34 SQ | .00 ND | | |
| 20 | | | | | | | | 30.08 5 | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .46 SQ | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | 00.7 | .34 SQ | .00 ND | | |
| 26 | | 3.17 | | | | 3.53 | | .00 ND | | | | |
| 27 | 6 45 5 | AF | | 35 60 | m.c | AF | .00 ND | | | | | |
| 28 29 | 6.45 5 | | .00 ND | .35 SQ | TS | | | | | | | |
| 30 | | | .UU UU. | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | .00 ND | .00 ND |
| 31 | | | | | | | | | | .UU ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 6.45 | 0.00 | 0.00 | 1.68 | .46 | .28 | .50 | 30.08 | .37 | .32 | 0.00 | 0.00 |
| MEAN: | 1.362 | 0.000 | 0.000 | .578 | .278 | .140 | .125 | 15.040 | .210 | .053 | 0.000 | 0.000 |
| ANNUAL | OBSERVATIONS | : 49 | ANNUAL MEAN: | .878 | ANNUAL MAX: | 30.08 | | | | | | |

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

Jul. 3, 2019

UTM ZONE:

UTM NORTHING:

PROBE HEIGHT: 3

(43232) n-Heptane CAS NUMBER: 142-82-5

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: LONGITUDE: -76.88189 (42) Pennsylvania

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA LAND USE: RESIDENTIAL UTM EASTING: SITE COMMENTS: LOCATION SETTING: SUBURBAN ELEVATION-MSL: 150

MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR 2014 MONITOR TYPE: SPM REPORT FOR:

UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE: MONTH Day JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER .33 SO .00 ND

| 1 | | | | | | | | | | | .00 ND | .33 SQ |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2 | | | | | | | | | .18 SQ | .18 SQ | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | 00 277 | 00.375 | .00 ND | | | | |
| 10 11 | 0.0 MD | AF | | AF | .00 ND | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | .00 ND | AF | .00 ND | | | | | | | |
| 13 | | | .00 ND | | | | | | | | .00 ND | .23 SQ |
| 14 | | | | | | | | | .00 ND | .17 SQ | .00 ND | .23 50 |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .17 SQ |
| 20 | | | | | | | | | .21 SQ | .16 SQ | | |
| 21 | | | | | | | | .17 SQ | | | | |
| 22 | | .00 ND | | | | .00 ND | .40 SQ | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .17 SQ | .23 SQ |
| 26 | | | | | | | | 21 00 | .23 SQ | .00 ND | | |
| 27 28 | | AS | | | | .00 ND | .00 ND | .21 SQ | | | | |
| 28 29 | TS | AS | | .00 ND | .00 ND | .UU UU | .UU ND | | | | | |
| 30 | 15 | | AF | .00 ND | .00 ND | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| | | | | | | | | | | | | |

0.000 0.000 0.000 0.000 0.000 0.000 .080 .076 .124 .102 .034 MEAN: ANNUAL OBSERVATIONS: 54 ANNUAL MEAN: .056 ANNUAL MAX: Note: Qualifier codes with regional concurrence are shown in upper case, and those without

0.00

regional review are shown in lower case. An asterisk ("*") indicates that the region has reviewed the value and does not concur with the qualifier.

0.00

NO.:

MAX:

0.00

0.00

3

0.00

0.00

5

.21

.40

5

.18

.23

5

.17

6

.33

.160

RAW DATA REPORT Jul. 3, 2019

CAS NUMBER: 142-82-5
LATITUDE: 40.95517
LONGITUDE: -76.88189

UTM ZONE:

COUNTY: (119) Union

CITY: (00000) Not in a city

(43232) n-Heptane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: RESIDENTIAL

LOCATION SETTING: SUBURBAN

ELEVATION-MSL: 150

PROBE HEIGHT: 3

REPORT FOR: 2015 DURATION: 24 HOUR

(195) CENTRAL PENNSYLVANIA

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .26 SQ | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .59 SQ |
| 3 | | | | | | | | | .24 SQ | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | 3.29 5 | .00 ND | | | | | |
| 6 | .26 SQ | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .25 SQ |
| 9 | | | | | | | | | AS | .24 SQ | | |
| 10 | | | | | | 04 | | .00 ND | | | | |
| 11 12 | 35 50 | .21 SQ | | .00 ND | AF | .21 SQ | .32 SQ | | | | | |
| 13 | .35 SQ | | .00 ND | .00 ND | AF | | | | | | | |
| 14 | | | .00 ND | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | .00 ND | AD |
| 16 | | | | | | | | .00 ND | 110 | .00 112 | | |
| 17 | | .25 SQ | | | | .20 SQ | .36 SQ | | | | | |
| 18 | .22 SQ | | | .00 ND | 2.38 5 | ~ | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .46 SQ | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .46 SQ | .00 ND | | | | | |
| 24 | .35 SQ | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .20 SQ | | | | | | | | | |
| 26 | | | | | | | | | | | .20 SQ | .00 ND |
| 27 | | | | | | | | | .00 ND | .53 CC | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .29 SQ | .29 SQ | | | | | |
| 30 | AF | | | .23 SQ | .25 SQ | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | .35 | .25 | . 26 | .23 | 2.38 | 3.29 | .36 | 0.00 | .24 | .53 | .20 | .59 |
| MEAN: | .295 | .115 | .077 | .046 | .658 | .890 | .194 | 0.000 | .080 | .308 | .050 | .280 |
| ANNUA | L OBSERVATIONS | : 51 | ANNUAL MEAN: | .253 | ANNUAL MAX: | 3.29 | | | | | | |

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

Jul. 3, 2019

CAS NUMBER: 110-82-7 LATITUDE: 40.95517 LONGITUDE: -76.88189

ELEVATION-MSL: 150

PROBE HEIGHT: 3

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43248) Cyclohexane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM 2013 REPORT FOR:

DURATION: 24 HOUR

UNITS: Parts per billion Carbon

UTM ZONE:

UTM NORTHING:

UTM EASTING:

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .85 | | | | | |
| 4 | .00 ND | | | .00 ND | 2.26 | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .40 SQ |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .69 SQ | | | 2.20 | .00 ND | | | | | | | |
| 11 | | | 1.38 | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | 00.00 | .85 | | 0 50 | 0.0 1770 | AF | .00 ND | | | | | |
| 16 17 | .29 SQ | | .97 | 2.53 | .00 ND | | | | | | | |
| 18 | | | .97 | | | | | | | | TS | .28 SQ |
| 19 | | | | | | | | | .00 ND | .00 ND | 15 | .20 50 |
| 20 | | | | | | | | .00 ND | .00 112 | .00 112 | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | 2.34 | .80 | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | 1.95 | | | | | |
| 28 | 1.37 | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .31 SQ |
| 31 | | | | | | | | | | .49 SQ | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 1.37 | .85 | 1.38 | 2.53 | 2.26 | 0.00 | 1.95 | 0.00 | 0.00 | .49 | 0.00 | .40 |
| MEAN: | .470 | .213 | .470 | 1.414 | .765 | 0.000 | .700 | 0.000 | 0.000 | .082 | 0.000 | .248 |
| ANNUAI | OBSERVATIONS | 3: 49 | ANNUAL MEAN: | .407 | ANNUAL MAX: | 2.53 | | | | | | |

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

Jul. 3, 2019

CAS NUMBER: 110-82-7 LATITUDE: 40.95517 LONGITUDE: -76.88189

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-119-0001 POC: 2

COUNTY: (119) Union

CITY: (00000) Not in a city

(43248) Cyclohexane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM 2014 REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|---------------|----------------|----------|--------------|--------|-------------|--------|---------|-----------|-----------|-----------|-----------|-----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 2 3 | | | | | | | | .00 ND |
| 4 | | .38 SQ | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | .00 ND | 00 177 | .00 ND | .00 ND |
| 8 9 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 10 | | AF | | | | .00 ND | .31 SQ | .00 ND | | | | |
| 11 | .33 SQ | Ar | | AF | .00 ND | .00 ND | .31 30 | | | | | |
| 12 | .33 50 | | .36 SQ | *** | .00 112 | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .17 SQ | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 26 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 27 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 28 | | AS | | | | .00 ND | .00 ND | .00 ND | | | | |
| 29 | TS | AU | | .00 ND | .25 SQ | .00 ND | .00 142 | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| | | 2 | | 2 | - | | - | - | - | - | - | |
| NO.: | .33 | .38 | .36 | .17 | .25 | 0.00 | .31 | 5 0.00 | 5 0.00 | 5 0.00 | 5 0.00 | 6 0.00 |
| MAX: MEAN: | .083 | .127 | .090 | .057 | .050 | 0.00 | .062 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | | | .002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ANNUA | L OBSERVATIONS | 54 | ANNUAL MEAN: | .033 | ANNUAL MAX: | .38 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

(43248) Cyclohexane

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2015 REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

110-82-7

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|---------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | 00.370 | .00 ND | .00 ND |
| 9 10 | | | | | | | | .00 ND | AS | .00 ND | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 12 | .00 ND | .00 ND | | .00 ND | AF | .00 ND | .00 ND | | | | | |
| 13 | .00 ND | | .00 ND | .00 ND | AL | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 27 | | | | | | | | | .00 ND | 0.0 MD | .00 ND | .00 ND |
| 28 | | | | | | | | AS | .00 ND | .00 ND | | |
| 29 | | | | | | .00 ND | .00 ND | AS | | | | |
| 30 | AF | | | .00 ND | .00 ND | .00 142 | .00 142 | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| | | | | _ | | | _ | _ | _ | | _ | _ |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUAI | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 1634-04-4 LATITUDE: 40.95517

> > LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA

CITY: (00000) Not in a city SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM 2013 REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

MONTH

(43372) Methyl tert-butyl ether

| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|---------|-----------|---------|----------|----------|
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | 00.375 | .00 ND | | 00 175 | 00.375 | AF | .00 ND | | | | | |
| 16 17 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | 15 | .00 ND |
| 20 | | | | | | | | .00 ND | .00 145 | .00 ND | | |
| 21 | | .00 ND | | | | AF | TS | .00 112 | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

Jul. 3, 2019

CAS NUMBER: 1634-04-4 LATITUDE: 40.95517

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

(43372) Methyl tert-butyl ether

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2014 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|--------|---------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 8 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 9 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 10 | | AF | | | | .00 ND | .00 ND | .00 ND | | | | |
| 11 | .00 ND | | | AF | .00 ND | | | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 19 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 21 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | .00 112 | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | ma | AS | | 00 | 00.37 | .00 ND | .00 ND | | | | | |
| 29 | TS | | AF | .00 ND | .00 ND | | | | | | | |
| 30 31 | | | AF | | | | | | | | | .00 ND |
| | | | | | | | | | | | | |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 | : 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |
| | | | | | | | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

(43372) Methyl tert-butyl ether

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

1634-04-4

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 11 | | 00.170 | | | | 00.375 | 0.0 277 | .00 ND | | | | |
| 12 | .00 ND | .00 ND | | .00 ND | AF | .00 ND | .00 ND | | | | | |
| 13 | .00 ND | | .00 ND | .00 ND | Ar | | | | | | | |
| 14 | | | .00 ND | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | .00 112 | 110 |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | .00 ND | .00 ND | AS | | | | |
| 29 30 | AF | | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 31 | Ar | | .00 ND | .UU ND | .00 IVD | | | | | | | |
| 31 | | | | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

Jul. 3, 2019

CAS NUMBER: 107-02-8 LATITUDE: 40.95517

STATE: (42) Pennsylvania

AQCR: (195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: RESIDENTIAL

LOCATION SETTING:

SUBURBAN ELEVATION-MSL: 150 PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR MONITOR TYPE: SPM REPORT FOR: 2013

UNITS: Parts per billion Carbon

MIN DETECTABLE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

UTM ZONE:

-76.88189

| PQAO: | (0851) Pelli | nsylvania Depa | artment Of Envi | ronmental Prot | tection | | | | | | MIN DETE | CTABLE: |
|----------|--------------|----------------|-----------------|----------------|------------|--------|--------|---------|-----------|---------|----------|----------|
| | MONTH | | | | | | | | | | | |
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | 2.06 CC | 1.00 CC | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .57 | | | | 3.71 5 | 4.58 5 | | | | | |
| 4 | .68 | | | .99 | .76 | | | | | | | |
| 5 | | | 2.58 | | | | | | | | | 6B == |
| 6 7 | | | | | | | | | 1.57 CC | 2.08 CC | 2.03 | .67 CC |
| 8 | | | | | | | | TS | 1.57 CC | 2.08 CC | | |
| 9 | | .39 | | | | 1.44 | 3.33 5 | 15 | | | | |
| 10 | 1.57 | . 35 | | 2.66 | 3.08 5 | 1.11 | 3.33 3 | | | | | |
| 11 | 1.0, | | 1.34 CC | 2.00 | 3.00 3 | | | | | | | |
| 12 | | | | | | | | | | | 1.01 CC | .98 CC |
| 13 | | | | | | | | | .68 CC | 1.60 | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .51 | | | | AF | .95 CC | | | | | |
| 16 | 1.32 | | | .82 | 2.36 | | | | | | | |
| 17 | | | 1.64 | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .70 CC |
| 19 | | | | | | | | | .86 CC | .83 CC | | |
| 20 | | | | | | | | 1.01 CC | | | | |
| 21 | | .40 | | | | AF | TS | | | | | |
| 22 23 | .93 | | .99 | .84 | 2.88 | | | | | | | |
| 23 | | | .99 | | | | | | | | AF | AF |
| 25 | | | | | | | | | 1.58 CC | .54 CC | AF | Ar |
| 26 | | | | | | | | 3.38 5 | 1.30 CC | .54 00 | | |
| 27 | | AF | | | | AF | .99 | 3.30 3 | | | | |
| 28 | .53 | | | 2.21 | TS | | | | | | | |
| 29 | | | 1.37 | | | | | | | | | |
| 30 | | | | | | | | | | | .67 CC | .69 CC |
| 31 | | | | | | | | | | .87 CC | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 1.57 | .57 | 2.58 | 2.66 | 3.08 | 3.71 | 4.58 | 3.38 | 2.06 | 2.08 | 2.03 | .98 |
| MEAN: | 1.006 | .468 | 1.584 | 1.504 | 2.270 | 2.575 | 2.463 | 2.195 | 1.350 | 1.153 | 1.237 | .760 |
| | | | | | | | | | = | | | |
| ANNUAL | OBSERVATIONS | 3: 49 | ANNUAL MEAN: | 1.454 | ANNUAL MAX | 4.58 | | | | | | |

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.

(43505) Acrolein - Unverified

MONITOR COMMENTS: TOXICS MONITORING

POC: 2

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

SITE ID: 42-119-0001

COUNTY: (119) Union

SITE COMMENTS:

CITY: (00000) Not in a city

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

107-02-8

40.95517

-76.88189

Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS:

MONITOR COMMENTS: TOXICS MONITORING

(43505) Acrolein - Unverified

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

DURATION: 24 HOUR REPORT FOR: 2014 MONITOR TYPE: SPM UNITS: Parts per billion Carbon

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|-------|-------------|---------|---------|---------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .58 CC | .90 CC |
| 2 | | | | | | | | | 2.19 | .88 CC | | |
| 3 | | | | | | | | 1.11 CC | | | | |
| 4 | | .64 CC | | | | AF | 1.68 CC | | | | | |
| 5 | .95 CC | | | AF | 2.05 | | | | | | | |
| 6 | | | .32 CC | | | | | | | | | |
| 7 | | | | | | | | | | | 1.93 CC | 1.25 |
| 8 | | | | | | | | | 1.30 CC | .65 CC | | |
| 9 10 | | AF | | | | 1.66 CC | 2.93 | 1.25 CC | | | | |
| 11 | .92 CC | AF | | AF | 4.03 5 | 1.66 CC | 2.93 | | | | | |
| 12 | .92 CC | | .91 CC | Ar | 4.03 3 | | | | | | | |
| 13 | | | .,, | | | | | | | | .49 CC | 1.22 |
| 14 | | | | | | | | | 1.77 CC | 1.11 CC | | |
| 15 | | | | | | | | 1.87 CC | | | | |
| 16 | | 1.30 DI | | | | 2.04 | 2.55 | | | | | |
| 17 | .86 CC | | | 1.60 | 1.45 CC | | | | | | | |
| 18 | | | .70 CC | | | | | | | | | |
| 19 | | | | | | | | | | | .73 CC | .35 CC |
| 20 | | | | | | | | | 2.28 | 1.34 CC | | |
| 21 | | | | | | | | .90 CC | | | | |
| 22 | 61 00 | .43 CC | | 1.80 | 1.65 | 1.10 CC | 1.96 CC | | | | | |
| 23 24 | .61 CC | | .00 ND | 1.80 | 1.65 | | | | | | | |
| 25 | | | .00 ND | | | | | | | | .90 CC | .55 CC |
| 26 | | | | | | | | | 1.29 CC | 1.14 CC | .50 CC | .55 00 |
| 27 | | | | | | | | 1.18 CC | | | | |
| 28 | | AS | | | | .78 CC | 4.59 5 | | | | | |
| 29 | TS | | | 2.26 | 1.01 CC | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .43 CC |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | .95 | 1.30 | .91 | 2.26 | 4.03 | 2.04 | 4.59 | 1.87 | 2.28 | 1.34 | 1.93 | 1.25 |
| MEAN: | .835 | .790 | .483 | 1.887 | 2.038 | 1.395 | 2.742 | 1.262 | 1.766 | 1.024 | .926 | .783 |
| ANNUA | L OBSERVATIONS | : 54 | ANNUAL MEAN: | 1.340 | ANNUAL MAX: | 4.59 | | | | | | |

STATE: (42) Pennsylvania

RAW DATA REPORT Jul. 3, 2019

CAS NUMBER: 107-02-8
LATITUDE: 40.95517
LONGITUDE: -76.88189

SITE ID: 42-119-0001 POC: 2

(43505) Acrolein - Unverified

COUNTY: (119) Union

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS:

MONITOR COMMENTS: TOXICS MONITORING

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

AQCR: (195) CENTRAL PENNSYLVANIA UTM ZONE:
URBANIZED AREA: (0000) NOT IN AN URBAN AREA UTM NORTHING:
LAND USE: RESIDENTIAL UTM EASTING:

LOCATION SETTING: SUBURBAN ELEVATION-MSL: 150
PROBE HEIGHT: 3

REPORT FOR: 2015 DURATION: 24 HOUR

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|-------|-------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .83 | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .51 CC |
| 3 | | | | | | | | | 1.50 | AS | | |
| 4 | | | | | | | | 1.59 | | | | |
| 5 6 | .38 CC | .32 CC | | .87 | 1.98 | 1.02 | 1.56 | | | | | |
| 7 | .38 CC | | .92 CC | .87 | 1.98 | | | | | | | |
| 8 | | | .92 CC | | | | | | | | 1.02 CC | 1.32 |
| 9 | | | | | | | | | AS | 1.29 | 1.02 00 | 1.72 |
| 10 | | | | | | | | .66 CC | | | | |
| 11 | | .62 CC | | | | 1.38 | 2.52 | | | | | |
| 12 | 1.06 | | | .48 CC | AF | | | | | | | |
| 13 | | | .75 CC | | | | | | | | | |
| 14 | | | | | | | | | | | .72 CC | AS |
| 15 | | | | | | | | | AS | .48 CC | | |
| 16 | | | | | | | | .60 CC | | | | |
| 17 | | .57 CC | | | 4 45 | 1.68 | .87 | | | | | |
| 18 19 | .70 CC | | .40 CC | .66 CC | 1.47 | | | | | | | |
| 20 | | | .40 00 | | | | | | | | .87 CC | AS |
| 21 | | | | | | | | | .51 CC | 1.35 | .07 CC | AS |
| 22 | | | | | | | | .63 CC | .51 00 | 1.33 | | |
| 23 | | .16 CC | | | | .90 | 1.53 | | | | | |
| 24 | .65 CC | | | .30 CC | 1.50 | | | | | | | |
| 25 | | | .25 CC | | | | | | | | | |
| 26 | | | | | | | | | | | .48 CC | .54 CC |
| 27 | | | | | | | | | .90 | .90 CC | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | 1.53 | 1.05 | | | | | |
| 30 | AF | | 45 | .54 CC | 1.35 | | | | | | | |
| 31 | | | .45 CC | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | 1.06 | .62 | .92 | .87 | 1.98 | 1.68 | 2.52 | 1.59 | 1.50 | 1.35 | 1.02 | 1.32 |
| MEAN: | .698 | .418 | .600 | .570 | 1.575 | 1.302 | 1.506 | .870 | .970 | 1.005 | .773 | .790 |
| ANNUA | L OBSERVATIONS | : 51 | ANNUAL MEAN: | .924 | ANNUAL MAX: | 2.52 | | | | | | |

LAND USE: RESIDENTIAL

LOCATION SETTING:

(43551) Acetone CAS NUMBER: 67-64-1

> LATITUDE: 40.95517 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA URBANIZED AREA: (0000) NOT IN AN URBAN AREA

CITY: (00000) Not in a city

POC: 2

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SITE ID: 42-119-0001

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

SUBURBAN

UNITS: Parts per billion Carbon

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

Jul. 3, 2019

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|-----------|-------------|---------|-----------|-----------|-----------|-----------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | 25.851 CC | 13.239 CC | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | 5.649 CC | | | | 25.101 | 40.953 5 | | | | | |
| 4 | 5.739 CC | | | 13.161 | 11.160 CC | | | | | | | |
| 5 | | | 13.437 | | | | | | | | | |
| 6 | | | | | | | | | | | 13.818 | 6.606 CC |
| 7 | | | | | | | | | 20.625 | 14.313 CC | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | 5.037 | | | | 14.907 | 30.675 EH | | | | | |
| 10 | 23.745 | | | 28.431 | 24.435 CC | | | | | | | |
| 11 | | | 14.253 CC | | | | | | | | | |
| 12 | | | | | | | | | | | 5.541 | 9.336 CC |
| 13 | | | | | | | | | 9.729 CC | 18.456 | | |
| 14 15 | | 6.867 CC | | | | AF | 14.436 CC | AF | | | | |
| 16 | 9.819 | 0.807 CC | | 12.255 | 22.839 CC | Ar | 14.430 CC | | | | | |
| 17 | 9.019 | | 26.931 | 12.233 | 22.039 CC | | | | | | | |
| 18 | | | 20.551 | | | | | | | | TS | 6.591 CC |
| 19 | | | | | | | | | 17.367 CC | 10.578 CC | | 0.331 00 |
| 20 | | | | | | | | 36.579 5 | | | | |
| 21 | | 5.826 CC | | | | AF | TS | | | | | |
| 22 | 14.628 | | | 11.622 CC | 32.403 EH | | | | | | | |
| 23 | | | 14.946 | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | 17.211 CC | 5.676 CC | | |
| 26 | | | | | | | | 26.490 CC | | | | |
| 27 | | AF | | | | AF | 11.214 CC | | | | | |
| 28 | 10.020 | | | 28.266 CC | TS | | | | | | | |
| 29 | | | 18.033 | | | | | | | | | |
| 30 | | | | | | | | | | | 5.340 CC | 7.272 CC |
| 31 | | | | | | | | | | 13.527 | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 23.745 | 6.867 | 26.931 | 28.431 | 32.403 | 25.101 | 40.953 | 36.579 | 25.851 | 18.456 | 13.818 | 9.336 |
| MEAN: | 12.7902 | 5.8448 | 17.5200 | 18.7470 | 22.7093 | 20.0040 | 24.3195 | 31.5345 | 18.1566 | 12.6315 | 8.2330 | 7.4513 |
| ANNUA | L OBSERVATIONS | : 49 | ANNUAL MEAN: | 15.9374 | ANNUAL MAX: | 40.953 | | | | | | |

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

RAW DATA REPORT

Jul. 3, 2019

CAS NUMBER: 67-64-1 LATITUDE: 40.95517 -76.88189 LONGITUDE:

UTM ZONE:

UTM NORTHING:

PROBE HEIGHT: 3

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union AQCR: (195) CENTRAL PENNSYLVANIA CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA LAND USE: RESIDENTIAL UTM EASTING: SITE COMMENTS: LOCATION SETTING: SUBURBAN ELEVATION-MSL: 150

MONITOR COMMENTS:

(43551) Acetone

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR

REPORT FOR: 2014 MONITOR TYPE: SPM UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco

| PQAO: | | | rtment Of Envi | | | | | | | | MIN DETE | CTABLE: |
|----------|----------------|-----------|----------------|-----------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | MONTH | | | | | | | | | | | |
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | 8.289 CC | 12.279 CC |
| 2 | | | | | | | | | 34.917 5 | 11.665 CC | | |
| 3 | | | | | | | | 20.030 CC | | | | |
| 4 | | 7.293 CC | | | | AF | 17.026 | | | | | |
| 5 | 7.104 CC | | | AF | 28.072 | | | | | | | |
| 6 | | | 7.329 CC | | | | | | | | | |
| 7 | | | | | | | | | | | 18.029 CC | 10.767 CC |
| 8 | | | | | | | | | 15.234 CC | 9.341 CC | | |
| 9 | | | | | | | | 14.531 CC | | | | |
| 10 | | AF | | | | 32.831 EH | 26.997 | | | | | |
| 11 | 8.755 CC | | | AF | 36.963 5 | | | | | | | |
| 12 | | | 13.026 | | | | | | | | 6 150 00 | 11 605 00 |
| 13 14 | | | | | | | | | 12.302 | 11.020 CC | 6.152 CC | 11.605 CC |
| 15 | | | | | | | | 13.343 CC | 12.302 | 11.020 CC | | |
| 16 | | 10.062 DI | | | | 25.801 | 23.153 CC | 13.343 CC | | | | |
| 17 | 7.993 CC | 10.002 DI | | 13.275 | 10.514 CC | 25.001 | 23.133 CC | | | | | |
| 18 | 7.555 66 | | 12.725 | 13.273 | 10.511 00 | | | | | | | |
| 19 | | | 12.723 | | | | | | | | 11.688 CC | 5.459 CC |
| 20 | | | | | | | | | 30.526 EH | 14.123 CC | | |
| 21 | | | | | | | | 13.730 CC | | | | |
| 22 | | 5.530 CC | | | | 14.914 | 37.823 5 | | | | | |
| 23 | 7.184 CC | | | 8.393 CC | 12.800 CC | | | | | | | |
| 24 | | | 4.333 CC | | | | | | | | | |
| 25 | | | | | | | | | | | 11.092 CC | 7.295 CC |
| 26 | | | | | | | | | 14.368 | 12.786 CC | | |
| 27 | | | | | | | | 17.111 CC | | | | |
| 28 | | AS | | | | 14.222 | 31.808 EH | | | | | |
| 29 | TS | | | 15.111 CC | 11.165 CC | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | 5.621 CC |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 8.755 | 10.062 | 13.026 | 15.111 | 36.963 | 32.831 | 37.823 | 20.030 | 34.917 | 14.123 | 18.029 | 12.279 |
| MEAN: | 7.7590 | 7.6283 | 9.3533 | 12.2597 | 19.9028 | 21.9420 | 27.3614 | 15.7490 | 21.4694 | 11.7870 | 11.0500 | 8.8377 |
| ANNUA | L OBSERVATIONS | 3: 54 | ANNUAL MEAN: | 14.9168 | ANNUAL MAX: | 37.823 | | | | | | |

Jul. 3, 2019

CAS NUMBER: 67-64-1 LATITUDE: 40.95517 LONGITUDE:

STATE: (42) Pennsylvania

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA UTM NORTHING: UTM EASTING:

LAND USE: RESIDENTIAL

LOCATION SETTING: SUBURBAN

ELEVATION-MSL: 150 PROBE HEIGHT: 3

-76.88189

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

MONITOR COMMENTS:

SITE COMMENTS:

(43551) Acetone

CITY: (00000) Not in a city

SITE ID: 42-119-0001

COUNTY: (119) Union

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco (0851) Pennsylvania Department Of Environmental Protection

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

DURATION: 24 HOUR 2015 REPORT FOR:

UNITS: Parts per billion Carbon

UTM ZONE:

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|-----------|-------------|---------|----------|-----------|-----------|-----------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | 8.188 CC | | | | | | | | | |
| 2 | | | | | | | | | | | AF | 7.200 CC |
| 3 | | | | | | | | | 29.100 | AS | | |
| 4 | | | | | | | | 25.800 | | | | |
| 5 | | 4.352 CC | | | | 26.400 | 15.000 | | | | | |
| 6 | 4.150 CC | | | 12.600 CC | 9.900 CC | | | | | | | |
| 7 | | | 19.068 CC | | | | | | | | | |
| 8 | | | | | | | | | | | 8.400 CC | 18.000 |
| 9 | | | | | | | | | AS | 21.300 | | |
| 10 | | | | | | | | 15.000 | | | | |
| 11 | 14 510 | 7.786 CC | | 10 000 00 | 3.5 | 28.200 | 37.200 5 | | | | | |
| 12 13 | 14.719 | | 8.125 CC | 10.200 CC | AF | | | | | | | |
| 14 | | | 6.125 CC | | | | | | | | 7.200 CC | AS |
| 15 | | | | | | | | | AS | 6.600 CC | 7.200 CC | AD |
| 16 | | | | | | | | 17.700 | 110 | 0.000 00 | | |
| 17 | | 6.899 CC | | | | 25.500 | 29.700 | | | | | |
| 18 | 7.370 CC | | | 5.100 CC | 15.000 | | | | | | | |
| 19 | | | 6.734 CC | | | | | | | | | |
| 20 | | | | | | | | | | | 7.800 CC | AS |
| 21 | | | | | | | | | 7.500 CC | 24.300 | | |
| 22 | | | | | | | | 11.700 CC | | | | |
| 23 | | 4.658 CC | | | | 18.300 | 17.100 | | | | | |
| 24 | 6.280 CC | | | 3.300 CC | 17.400 | | | | | | | |
| 25 | | | 6.600 CC | | | | | | | | | |
| 26 | | | | | | | | | | | 6.900 CC | 5.400 CC |
| 27 | | | | | | | | 3.0 | 11.400 CC | 12.000 CC | | |
| 28 29 | | | | | | 19.500 | 21.000 | AS | | | | |
| 30 | AF | | | 6.300 CC | 18.000 | 19.500 | 21.000 | | | | | |
| 31 | Ar | | 6.000 CC | 0.300 CC | 10.000 | | | | | | | |
| | | | | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | 14.719 | 7.786 | 19.068 | 12.600 | 18.000 | 28.200 | 37.200 | 25.800 | 29.100 | 24.300 | 8.400 | 18.000 |
| MEAN: | 8.1298 | 5.9238 | 9.1192 | 7.5000 | 15.0750 | 23.5800 | 24.0000 | 17.5500 | 16.0000 | 16.0500 | 7.5750 | 10.2000 |
| ANNUA | L OBSERVATIONS | 51 | ANNUAL MEAN: | 13.5280 | ANNUAL MAX: | 37.200 | | | | | | |

LAND USE: RESIDENTIAL

AIR QUALITY SYSTEM

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 78-93-3 LATITUDE: 40.95517 LONGITUDE: -76.88189

> > UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

(43552) Methyl ethyl ketone

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco (0851) Pennsylvania Department Of Environmental Protection

LOCATION SETTING: SUBURBAN ELEVATION-MSL: 150 PROBE HEIGHT: 3

DURATION: 24 HOUR 2013 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------|----------|----------|----------|----------|--------|----------|----------|-----------|----------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | 3.176 CC | 2.212 CC | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .868 | | | | 3.632 | 2.872 CC | | | | | |
| 4 | .836 | | | 1.492 | 1.536 CC | | | | | | | |
| 5 | | | 1.388 | | | | | | | | | |
| 6 | | | | | | | | | | | 2.468 CC | .980 CC |
| 7 | | | | | | | | | 15.108 5 | 1.720 CC | | |
| 8 | | 500 | | | | 2 004 | 0.240.65 | TS | | | | |
| 9 10 | 3.476 | .788 | | 4.564 5 | 2.840 CC | 3.224 | 2.340 CC | | | | | |
| 11 | 3.470 | | 1.344 CC | 4.504 5 | 2.040 CC | | | | | | | |
| 12 | | | 1.511 00 | | | | | | | | .852 CC | 1.752 CC |
| 13 | | | | | | | | | .000 ND | 1.776 | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | 1.340 | | | | AF | 2.092 CC | | | | | |
| 16 | 1.272 | | | 1.560 | 3.084 CC | | | | | | | |
| 17 | | | 3.940 | | | | | | | | | |
| 18 | | | | | | | | | | | TS | 1.164 CC |
| 19 | | | | | | | | | .000 ND | 1.288 CC | | |
| 20 | | | | | | | | 2.456 CC | | | | |
| 21 | | .840 | | | | AF | TS | | | | | |
| 22 | 2.340 | | | 1.108 CC | 3.948 | | | | | | | |
| 23 | | | 1.652 | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 26 | | | | | | | | 3.220 CC | .000 ND | .428 CC | | |
| 26 27 | | AF | | | | AF | 2.256 CC | 3.220 00 | | | | |
| 28 | 1.252 | L. | | 3.768 CC | TS | nr. | 2.230 CC | | | | | |
| 29 | 1.252 | | 2.796 | 3.700 CC | -5 | | | | | | | |
| 30 | | | | | | | | | | | .824 CC | .999 CC |
| 31 | | | | | | | | | | 2.252 | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 3.476 | 1.340 | 3.940 | 4.564 | 3.948 | 3.632 | 2.872 | 3.220 | 15.108 | 2.252 | 2.468 | 1.752 |
| MEAN: | 1.8352 | .9590 | 2.2240 | 2.4984 | 2.8520 | 3.4280 | 2.3900 | 2.8380 | 3.6568 | 1.6127 | 1.3813 | 1.2238 |
| MHAN | | | | | | | | | | | | |

LOCATION SETTING:

RAW DATA REPORT

Jul. 3, 2019

LATITUDE: 40.95517 LONGITUDE: -76.88189

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA

CITY: (00000) Not in a city URBANIZED AREA: (0000) NOT IN AN URBAN AREA SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA LAND USE: RESIDENTIAL

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

(43552) Methyl ethyl ketone

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2014 REPORT FOR:

SUBURBAN

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

78-93-3

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|---------------|----------------|-----------------|--------------|------------|-----------------|-----------------|------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | 1.786 CC | 1.420 CC |
| 2 | | | | | | | | | 4.746 5 | 1.826 CC | | |
| 3 | | | | | | | | 1.645 CC | | | | |
| 4 | | 1.569 CC | | | | AF | 1.819 CC | | | | | |
| 5 | 1.159 CC | | | AF | 1.906 CC | | | | | | | |
| 6 | | | 1.383 CC | | | | | | | | | |
| 7 | | | | | | | | | | | 2.549 CC | 1.271 CC |
| 8 | | | | | | | | | 2.018 CC | 1.308 CC | | |
| 9 | | | | | | 2 100 | 0 505 | 2.137 CC | | | | |
| 10 | 1.366 CC | AF | | AF | 3.721 | 3.120 | 2.787 | | | | | |
| 11 12 | 1.300 CC | | 2.514 | Ar | 3./41 | | | | | | | |
| 13 | | | 2.511 | | | | | | | | .840 CC | 1.267 CC |
| 14 | | | | | | | | | 1.341 CC | 1.918 CC | .010 00 | 1.20, 66 |
| 15 | | | | | | | | 1.607 CC | | | | |
| 16 | | 1.728 CC | | | | 2.903 | 2.342 CC | | | | | |
| 17 | 1.168 CC | | | 1.772 | .955 CC | | | | | | | |
| 18 | | | 1.745 | | | | | | | | | |
| 19 | | | | | | | | | | | 1.325 CC | .802 CC |
| 20 | | | | | | | | | 4.973 5 | 1.956 CC | | |
| 21 | | | | | | | | 2.071 CC | | | | |
| 22 | | .921 CC | | | | 1.636 | 3.232 | | | | | |
| 23 | .917 CC | | - 40 · · · · | 1.430 CC | 1.140 CC | | | | | | | |
| 24 | | | .648 CC | | | | | | | | 1 210 | 1 041 |
| 25 26 | | | | | | | | | 2.040 | 1.806 CC | 1.318 CC | 1.041 CC |
| 26 27 | | | | | | | | 2.929 CC | 2.040 | 1.800 CC | | |
| 28 | | AS | | | | 2.168 CC | 2.571 | 2.929 CC | | | | |
| 29 | TS | .10 | | 1.744 CC | 1.210 CC | 2.100 CC | 2.5/1 | | | | | |
| 30 | ~ | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .621 CC |
| | | | | | _ | | - | _ | _ | - | _ | |
| NO.: | 4 1.366 | 3 | 4 2.514 | 3 1.772 | 5 | 4 | 5 3.232 | 5 | 5 | 5 | 5 | 1 420 |
| MAX: MEAN: | | 1.728 1.4060 | 1.5725 | 1.772 | 3.721 1.7864 | 3.120 2.4568 | 2.5502 | 2.929 2.0778 | 4.973 3.0236 | 1.956 1.7628 | 2.549 1.5636 | 1.420 1.0703 |
| | | | 1.3/23 | | | | 2.3302 | 2.0770 | 3.0230 | 1.7020 | 1.3030 | 1.0/03 |
| ANNUA | L OBSERVATIONS | 54 | ANNUAL MEAN: | 1.8544 | ANNUAL MAX: | 4.973 | | | | | | |

Jul. 3, 2019

CAS NUMBER: 78-93-3 LATITUDE: 40.95517 -76.88189 LONGITUDE:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

UNITS: Parts per billion Carbon

UTM NORTHING:

UTM EASTING:

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

(43552) Methyl ethyl ketone

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco POAO: (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR REPORT FOR: 2015

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

MIN DETECTABLE:

| (0851) Penn | sylvania Depa: | rtment Of Envir | onmental Prote | ection | | | | | | MIN DETE | CTABLE: |
|-------------|---|--|--|--|---|---|---|--|--|---|--|
| MONTH | | | | | | | | | | | |
| JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| | | 1.590 | | | | | | | | | |
| | | | | | | | | | | AF | 1.320 CC |
| | | | | | | | | 3.760 | AS | | |
| | | | | | | | 3.240 | | | | |
| | .815 CC | | | | 1.800 | 1.640 CC | | | | | |
| .666 CC | | | 1.200 CC | 1.880 CC | | | | | | | |
| | | 2.904 | | | | | | | | 1 000 00 | 0.440 |
| | | | | | | | | A.C. | 2 240 | 1.080 CC | 2.440 |
| | | | | | | | 1 640 CC | AS | 3.240 | | |
| | 1.588 CC | | | | 4.800 5 | 6.400 5 | 1.010 CC | | | | |
| 2.447 | | | 1.200 CC | AF | | | | | | | |
| | | 1.798 CC | | | | | | | | | |
| | | | | | | | | | | .800 CC | AS |
| | | | | | | | | AS | .720 CC | | |
| | | | | | | | 2.480 | | | | |
| | 1.343 CC | | | | 2.960 | 2.800 | | | | | |
| 1.290 CC | | | 1.360 CC | 2.560 | | | | | | | |
| | | 1.442 CC | | | | | | | | | |
| | | | | | | | | | | 1.120 CC | AS |
| | | | | | | | | .800 CC | 3.920 | | |
| | | | | | | | 1.800 CC | | | | |
| | .996 CC | | | 0.500 | 2.840 | 2.000 | | | | | |
| 1.385 CC | | 1 440 99 | .600 CC | 2.680 | | | | | | | |
| | | 1.440 CC | | | | | | | | 1 240 00 | .720 CC |
| | | | | | | | | 1 600 CC | 1 760 CC | 1.240 CC | .720 CC |
| | | | | | | | AS | 1.000 CC | 1.700 CC | | |
| | | | | | 2.320 | 3.160 | | | | | |
| AF | | | 1.160 CC | 2.320 | | | | | | | |
| | | 1.000 CC | | | | | | | | | |
| 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 4 | 3 |
| | | | | | | | | | | | 2.440 |
| | | | | | | | | | | | 1.4933 |
| | | ANNUAL MEAN: | 1.9620 | ANNUAL MAX: | 6.400 | | | | | | |
| | MONTH JANUARY .666 CC 2.447 1.290 CC 1.385 CC AF 4 2.447 1.4470 | MONTH JANUARY FEBRUARY .815 CC .666 CC 1.588 CC 2.447 1.343 CC 1.290 CC 1.385 CC AF 4 4 2.447 1.588 1.1855 | MONTH JANUARY FEBRUARY MARCH 1.590 .815 CC 2.904 1.588 CC 2.447 1.343 CC 1.290 CC 1.342 CC 1.442 CC AF 4 4 6 2.447 1.588 2.904 1.4470 1.1855 1.6957 | MONTH JANUARY FEBRUARY MARCH 1.590 .815 CC 2.904 1.200 CC 2.904 1.200 CC 1.798 CC 1.343 CC 1.798 CC 1.342 CC 1.345 CC 1.442 CC AF AF 1.588 1.000 CC 1.000 CC 4 4 4 4 6 5 2.447 1.588 2.904 1.360 1.1040 | MAY 1.590 1.590 1.666 CC 1.588 CC 2.904 1.200 CC 1.880 CC 2.904 1.200 CC AF 1.798 CC 1.343 CC 1.442 CC 1.385 CC 1.442 CC 1.385 CC 1.440 CC AF 1.000 CC 2.680 1.447 1.588 2.904 1.160 CC 2.320 1.447 1.588 2.904 1.360 2.680 1.447 1.1855 1.6957 1.1040 2.3600 | MONTH JANUARY FEBRUARY MARCH APRIL MAY JUNE 1.590 1.666 CC 2.904 1.200 CC 1.880 CC 2.904 1.200 CC AF 1.798 CC 1.290 CC 1.343 CC 1.442 CC 1.360 CC 2.960 1.385 CC 1.442 CC 1.360 CC 2.840 AF 2.320 AF 1.000 CC 4 4 4 6 5 4 5 5 4 5 5 4 5 5 4 600 CC 1.4470 1.1855 1.6957 1.1040 2.3600 2.9440 | MONTH JANUARY FEBRUARY MARCH 1.590 1.800 1.800 1.800 1.800 1.800 1.800 1.800 1.800 1.640 CC 2.904 1.200 CC AF 4.800 5 6.400 5 1.290 CC 1.385 CC 1.343 CC 1.343 CC 1.442 CC 1.360 CC 2.560 2.800 2.800 2.800 2.800 2.800 2.800 3.360 CC 4.400 | MONTH JANUARY FEBRUARY MARCH 1.590 1.590 1.666 CC 1.885 CC 2.904 1.200 CC 1.880 CC 1.880 CC 1.798 CC 1.798 CC 1.360 CC 2.447 1.343 CC 1.442 CC 1.360 CC 2.560 2.800 2.800 2.800 2.800 2.800 3.160 CC 3.800 CC 4.800 S 3.160 AS AS 4.400 S 4.800 S 4.80 | MARCH MARCH 1.590 MARC | MINTE 1.500 MARCH 1.500 | MINTH FERNARY MARCH AFRIL MAY JUNE JUNY AUGUST SEPTEMBR OTOBER MOVEMBRY MARCH AFRIL MAY JUNY JUNY AUGUST SEPTEMBR OTOBER MOVEMBRY MARCH AFRIL AFRIC AUGUST AUGUS |

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 LATITUDE: 40.95517
STATE: (42) Pennsylvania LONGITUDE: -76.88189

COUNTY: (119) Union

CITY: (00000) Not in a city

(43559) Methyl Butyl Ketone

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: RESIDENTIAL

LOCATION SETTING: SUBURBAN

UTM NORTHING:

UTM EASTING:

150

REPORT FOR: 2013 DURATION: 24 HOUR

(195) CENTRAL PENNSYLVANIA

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

PROBE HEIGHT: 3

591-78-6

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|---------|-------------|---------|---------|---------|-----------|----------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .000 ND | .000 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .000 ND | | | | .000 ND | .000 ND | | | | | |
| 4 | .000 ND | | | .000 ND | .000 ND | | | | | | | |
| 5 | | | .000 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .492 SQ | .000 ND |
| 7 | | | | | | | | | .000 ND | .000 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .000 ND | | | | .000 ND | .000 ND | | | | | |
| 10 | .000 ND | | | .510 SQ | .000 ND | | | | | | | |
| 11 | | | .000 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .000 ND | .000 ND |
| 13 | | | | | | | | | .000 ND | .000 ND | | |
| 14 | | 000 177 | | | | | 000 277 | AF | | | | |
| 15 16 | .000 ND | .000 ND | | .000 ND | .000 ND | AF | .000 ND | | | | | |
| 17 | .000 ND | | .000 ND | .000 ND | .000 ND | | | | | | | |
| 18 | | | .000 ND | | | | | | | | TS | .000 ND |
| 19 | | | | | | | | | .000 ND | .000 ND | 15 | .000 ND |
| 20 | | | | | | | | .000 ND | .000 112 | 1000 112 | | |
| 21 | | .000 ND | | | | AF | TS | | | | | |
| 22 | .000 ND | | | .000 ND | .000 ND | | | | | | | |
| 23 | | | .000 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .000 ND | .000 ND | | |
| 26 | | | | | | | | .000 ND | | | | |
| 27 | | AF | | | | AF | .000 ND | | | | | |
| 28 | .000 ND | | | .000 ND | TS | | | | | | | |
| 29 | | | .000 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .000 ND | .000 ND |
| 31 | | | | | | | | | | .228 CC | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 0.000 | 0.000 | 0.000 | .510 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .228 | .492 | 0.000 |
| MEAN: | 0.0000 | 0.0000 | 0.0000 | .1020 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | .0380 | .1640 | 0.0000 |
| ANNUA | L OBSERVATIONS | : 49 | ANNUAL MEAN: | .0251 | ANNUAL MAX: | .510 | | | | | | |
| | | | | | | | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

(43559) Methyl Butyl Ketone

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM 2014 REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

591-78-6

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|---------|-------------|---------|---------------|---------------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .000 ND | .000 ND |
| 2 | | | | | | | | | .000 ND | .000 ND | | |
| 3 | | | | | | | | .346 SQ | | | | |
| 4 | | .000 ND | | | | AF | .000 ND | | | | | |
| 5 | .000 ND | | | AF | .000 ND | | | | | | | |
| 6 7 | | | .000 ND | | | | | | | | .000 ND | .000 ND |
| 8 | | | | | | | | | .000 ND | .000 ND | .000 ND | .000 ND |
| 9 | | | | | | | | .000 ND | .000 ND | .000 ND | | |
| 10 | | AF | | | | .304 SQ | .594 SQ | | | | | |
| 11 | .000 ND | | | AF | .000 ND | _ | _ | | | | | |
| 12 | | | .000 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .000 ND | .000 ND |
| 14 | | | | | | | | | .000 ND | .000 ND | | |
| 15 | | | | | | | | .000 ND | | | | |
| 16 | | .000 DI | | | | .312 SQ | .536 SQ | | | | | |
| 17 18 | .000 ND | | .000 ND | .000 ND | .000 ND | | | | | | | |
| 19 | | | .000 ND | | | | | | | | .000 ND | .000 ND |
| 20 | | | | | | | | | .000 ND | .000 ND | .000 ND | .000 ND |
| 21 | | | | | | | | .000 ND | | | | |
| 22 | | .000 ND | | | | .467 SQ | .808 | | | | | |
| 23 | .000 ND | | | .000 ND | .000 ND | | | | | | | |
| 24 | | | .000 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .000 ND | .000 ND |
| 26 | | | | | | | | | .000 ND | .000 ND | | |
| 27 | | 3.0 | | | | .334 SQ | 600 00 | .000 ND | | | | |
| 28 29 | TS | AS | | .000 ND | .000 ND | .334 SQ | .680 SQ | | | | | |
| 30 | 10 | | AF | .000 ND | .000 MD | | | | | | | |
| 31 | | | | | | | | | | | | .000 ND |
| | _ | _ | | _ | _ | | _ | _ | _ | _ | _ | |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .467 | .808 .5236 | .346 .0692 | 0.000 | 0.000 | 0.000 | 0.000 |
| MEAN: | | | | | | | .3230 | .0092 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| ANNUA | L OBSERVATIONS: | 54 | ANNUAL MEAN: | .0811 | ANNUAL MAX: | .808 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43559) Methyl Butyl Ketone

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2015 REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

LONGITUDE:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL:

PROBE HEIGHT:

591-78-6

40.95517

-76.88189

150

MONTH Day JANUARY FEBRUARY MARCH APRIL MAY THINE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER .000 ND 2 AF .000 ND .000 ND 3 AS 4 .000 ND 5 .000 ND .000 ND .000 ND .000 ND .000 ND .000 ND 7 .000 ND 8 .000 ND .000 ND 9 .000 ND AS 10 .000 ND 11 .000 ND .000 ND .000 ND 12 .000 ND .000 ND AF 13 .000 ND 14 .000 ND AS 15 AS .000 ND 16 .000 ND 17 .000 ND .000 ND .000 ND 18 .000 ND .000 ND .000 ND 19 .000 ND 20 .000 ND AS 21 .000 ND .000 ND 22 .000 ND 23 .000 ND .000 ND .000 ND 24 .000 ND .000 ND .000 ND 25 .000 ND .000 ND .000 ND 26 27 .000 ND .000 ND 28 AS 29 .000 ND .000 ND 30 AF .000 ND .000 ND 31 .000 ND 5 NO.: 4 4 5 5 3 3 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 MAX: 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 MEAN: ANNUAL OBSERVATIONS: 51 ANNUAL MEAN: 0.0000 ANNUAL MAX: 0.000

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 108-10-1 LATITUDE: 40.95517 LONGITUDE:

> > SUBURBAN

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SITE ID: 42-119-0001 POC: 2 COUNTY: (119) Union

(43560) Methyl isobutyl ketone

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

DURATION: 24 HOUR 2013 REPORT FOR:

UNITS: Parts per billion Carbon

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 14 | | | | | | | | AF | .00 ND | .00 ND | | |
| 15 | | .00 ND | | | | AF | .00 ND | AF | | | | |
| 16 | .00 ND | .00 ND | | .00 ND | .00 ND | AF | .00 ND | | | | | |
| 17 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | 00 25 | AF | | 00 200 | ma. | AF | .00 ND | | | | | |
| 28 29 | .00 ND | | .00 ND | .00 ND | TS | | | | | | | |
| 30 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | .00 ND | .00 ND |
| | | | | | | | | | | | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| :XAM | 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 | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> LATITUDE: 40.95517 LONGITUDE: -76.88189

STATE: (42) Pennsylvania

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA UTM NORTHING: LAND USE: RESIDENTIAL UTM EASTING:

REPORT FOR:

LOCATION SETTING: SUBURBAN

2014

ELEVATION-MSL: 150 PROBE HEIGHT: 3

108-10-1

CAS NUMBER:

UTM ZONE:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

POC: 2

(43560) Methyl isobutyl ketone

SITE ID: 42-119-0001

COUNTY: (119) Union

SITE COMMENTS:

MONITOR COMMENTS:

CITY: (00000) Not in a city

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

UNITS: Parts per billion Carbon

MIN DETECTABLE:

DURATION: 24 HOUR

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 10 | | AF | | | | .00 ND | 20 50 | .00 ND | | | | |
| 11 | .00 ND | Mr | | AF | .00 ND | .UU ND | .29 SQ | | | | | |
| 12 | .00 10 | | .00 ND | LJT. | .00 ND | | | | | | | |
| 13 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .24 SQ | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | 1.57 | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 23 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .69 SQ | | | | | |
| 23 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | .00 112 | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 1.57 | . 24 | .69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | .314 | .060 | .196 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ANNUAL | OBSERVATIONS: | 54 | ANNUAL MEAN: | .052 | ANNUAL MAX: | 1.57 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: -76.88189 (42) Pennsylvania LONGITUDE:

COUNTY: (119) Union

(43560) Methyl isobutyl ketone

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2015 REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL:

PROBE HEIGHT:

108-10-1

150

MONTH Day JANUARY FEBRUARY MARCH APRIL MAY THINE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER .00 ND 2 AF .00 ND 3 .00 ND AS 4 .00 ND 5 .00 ND .00 ND .00 ND .00 ND .00 ND .00 ND 7 .00 ND 8 .00 ND .00 ND 9 .00 ND AS 10 .00 ND 11 .00 ND .00 ND .00 ND 12 .00 ND .00 ND AF 13 .00 ND 14 .00 ND AS 15 AS .00 ND 16 .00 ND .00 ND 17 .00 ND .00 ND 18 .00 ND .00 ND .00 ND 19 .00 ND 20 .00 ND AS 21 .00 ND .00 ND 22 .00 ND 23 .00 ND .00 ND .00 ND 24 .00 ND .00 ND .00 ND 25 .00 ND 26 .00 ND .00 ND 27 .00 ND .00 ND 28 AS 29 .00 ND .00 ND 30 AF .00 ND .00 ND 31 .00 ND 5 NO.: 4 4 4 5 5 4 3 3 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 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: ANNUAL OBSERVATIONS: 51 ANNUAL MEAN: 0.000 ANNUAL MAX:

RAW DATA REPORT

Jul. 3, 2019

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

CAS NUMBER:

LATITUDE:

UTM ZONE:

DURATION: 24 HOUR

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

74-87-3

40.95517

-76.88189

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA

CITY: (00000) Not in a city

POC: 2

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA SITE COMMENTS:

MONITOR COMMENTS:

SITE ID: 42-119-0001

(43801) Chloromethane

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

2013 REPORT FOR:

UNITS: Parts per billion Carbon

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|-------|-------------|------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .65 | .22 5 | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .62 | | | | .65 | .66 | | | | | |
| 4 | .48 | | | .62 | .64 | | | | | | | |
| 5 | | | .66 | | | | | | | | | |
| 6 | | | | | | | | | | | .51 | .63 |
| 7 | | | | | | | | | .57 | .33 5 | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .63 | | | | .62 | .67 | | | | | |
| 10 | .66 | | | .77 | .71 | | | | | | | |
| 11 | | | .63 | | | | | | | | | |
| 12 | | | | | | | | | | | .53 | .66 |
| 13 | | | | | | | | | .35 | .66 | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .73 | | | | AF | .58 | | | | | |
| 16 | .66 | | | .65 | .64 | | | | | | | |
| 17 18 | | | .64 | | | | | | | | mo. | .63 |
| 19 | | | | | | | | | .32 5 | .60 | TS | .03 |
| 20 | | | | | | | | .59 | .32 3 | .00 | | |
| 21 | | .65 | | | | AF | TS | . 39 | | | | |
| 22 | .59 | .03 | | .73 | .86 5 | m | 15 | | | | | |
| 23 | | | .66 | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .39 | .52 | | |
| 26 | | | | | | | | .61 | | | | |
| 27 | | AF | | | | AF | .48 CC | | | | | |
| 28 | .62 | | | .73 | TS | | | | | | | |
| 29 | | | .60 | | | | | | | | | |
| 30 | | | | | | | | | | | .49 | .66 |
| 31 | | | | | | | | | | .56 | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | .66 | .73 | .66 | .77 | .86 | .65 | .67 | .61 | .65 | .66 | .53 | .66 |
| MEAN: | .602 | .658 | .638 | .700 | .713 | .635 | .598 | .600 | .456 | .482 | .510 | .645 |
| ANNUA | L OBSERVATION | S: 49 | ANNUAL MEAN: | .598 | ANNUAL MAX: | .86 | | | | | | |

RAW DATA REPORT

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

Jul. 3, 2019

74-87-3

40.95517

-76.88189

CAS NUMBER:

LATITUDE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

(43801) Chloromethane SITE ID: 42-119-0001 POC: 2

COUNTY: (119) Union

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR 2014 MONITOR TYPE: SPM REPORT FOR:

UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|-------|-------------|------|-------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .48 | .70 |
| 2 | | | | | | | | | .58 | .55 | | |
| 3 | | | | | | | | .80 | | | | |
| 4 | | .57 | | | | AF | .55 | | | | | |
| 5 | .57 | | | AF | .67 | | | | | | | |
| 6 | | | .56 | | | | | | | | | |
| 7 | | | | | | | | | | | .56 | .58 |
| 8 | | | | | | | | | . 39 | .54 | | |
| 9 | | | | | | | | .58 | | | | |
| 10 | | AF | | | | .67 | .63 | | | | | |
| 11 12 | .60 | | 4.5 | AF | .72 | | | | | | | |
| 13 | | | . 45 | | | | | | | | .53 | .59 |
| 14 | | | | | | | | | .51 | .54 | .55 | . 39 |
| 15 | | | | | | | | .44 | .51 | .54 | | |
| 16 | | .64 DI | | | | .69 | .65 | | | | | |
| 17 | .60 | | | .53 | .87 5 | | | | | | | |
| 18 | | | .57 | | | | | | | | | |
| 19 | | | | | | | | | | | .49 | .54 |
| 20 | | | | | | | | | .56 | .45 | | |
| 21 | | | | | | | | .51 | | | | |
| 22 | | .57 | | | | .63 | .82 | | | | | |
| 23 | .59 | | | .67 | .71 | | | | | | | |
| 24 | | | .27 5 | | | | | | | | | |
| 25 | | | | | | | | | | | .69 | .57 |
| 26 | | | | | | | | | . 49 | .52 | | |
| 27 | | | | | | | | .52 | | | | |
| 28 29 | TS | AS | | .67 | .60 | .59 | .89 5 | | | | | |
| 30 | 15 | | AF | .07 | .60 | | | | | | | |
| 31 | | | Ar | | | | | | | | | .50 |
| | | | | | | | | | | | | |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | .60 | .64 | .57 | .67 | .87 | . 69 | .89 | .80 | .58 | .55 | . 69 | .70 |
| MEAN: | .590 | .593 | .463 | .623 | .714 | .645 | .708 | .570 | .506 | .520 | .550 | .580 |
| ANNUAI | OBSERVATIONS | : 54 | ANNUAL MEAN: | .588 | ANNUAL MAX: | .89 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43801) Chloromethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2015 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

74-87-3

40.95517

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .66 | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .71 |
| 3 | | | | | | | | | .64 | AS | | |
| 4 | | | | | | | | .62 | | | | |
| 5 | | .65 | | | | .51 | .57 | | | | | |
| 6 | .62 | | | .61 | .46 | | | | | | | |
| 7 | | | .60 | | | | | | | | | |
| 8 | | | | | | | | | | | .56 | .50 |
| 9 | | | | | | | | F.4 | AS | .61 | | |
| 10 11 | | .68 | | | | .61 | .60 | .54 | | | | |
| 12 | .62 | .00 | | .70 | AF | .01 | .00 | | | | | |
| 13 | .02 | | .59 | . 70 | Ar | | | | | | | |
| 14 | | | | | | | | | | | .67 | AS |
| 15 | | | | | | | | | AS | .52 | | |
| 16 | | | | | | | | .55 | | | | |
| 17 | | .71 | | | | .57 | .65 | | | | | |
| 18 | .64 | | | .51 | .62 | | | | | | | |
| 19 | | | .53 | | | | | | | | | |
| 20 | | | | | | | | | | | .58 | AS |
| 21 | | | | | | | | | .53 | .56 | | |
| 22 | | | | | | | | .53 | | | | |
| 23 | | .66 | | | | .65 | .53 | | | | | |
| 24 | .65 | | | .58 | . 59 | | | | | | | |
| 25 | | | .40 | | | | | | | | | |
| 26 27 | | | | | | | | | .49 | .54 | .58 | .73 |
| 28 | | | | | | | | AS | .49 | .54 | | |
| 29 | | | | | | .51 | .58 | AD | | | | |
| 30 | AF | | | .54 | .63 | .51 | .50 | | | | | |
| 31 | - | | .53 | | | | | | | | | |
| | | _ | | | | _ | _ | | | | _ | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | .65 .633 | .71 .675 | .66 .552 | .70 .588 | .63 .575 | .65 .570 | .65 .586 | .62 .560 | .64 .553 | .61 .558 | .67 .598 | .73 .647 |
| MEAN: | | | .552 | | | | .580 | .500 | .553 | . 558 | . 596 | .04/ |
| ANNUA: | L OBSERVATIONS | : 51 | ANNUAL MEAN: | .589 | ANNUAL MAX: | .73 | | | | | | |

RAW DATA REPORT

LOCATION SETTING:

Jul. 3, 2019

CAS NUMBER: 75-09-2 LATITUDE: 40.95517

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA LAND USE: RESIDENTIAL

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(43802) Dichloromethane

CITY: (00000) Not in a city

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

SUBURBAN

UNITS: Parts per billion Carbon

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .07 SQ | .37 5 | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .09 SQ | | | | .10 SQ | .20 | | | | | |
| 4 | .00 ND | | | .17 | .12 SQ | | | | | | | |
| 5 | | | .10 CC | | | | | | | | | |
| 6 | | | | | | | | | | | .10 CC | .11 CC |
| 7 | | | | | | | | | .12 CC | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .09 SQ | | | | .11 SQ | .15 CC | | | | | |
| 10 | .10 SQ | | 1.2 | .14 | .15 | | | | | | | |
| 11 12 | | | .13 | | | | | | | | .08 CC | .09 CC |
| 13 | | | | | | | | | .09 CC | .10 SQ | .08 00 | .09 00 |
| 14 | | | | | | | | AF | .09 CC | .10 50 | | |
| 15 | | .10 SQ | | | | AF | .09 CC | AL | | | | |
| 16 | .14 | | | .16 | .13 | | | | | | | |
| 17 | | | .10 CC | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .12 CC |
| 19 | | | | | | | | | .16 CC | .11 CC | | |
| 20 | | | | | | | | .19 | | | | |
| 21 | | .10 SQ | | | | AF | TS | | | | | |
| 22 | .10 SQ | | | .12 | .17 CC | | | | | | | |
| 23 | | | .10 SQ | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .09 CC | .09 CC | | |
| 26 | | | | | | | .18 | .09 SQ | | | | |
| 27 28 | .09 SQ | AF | | .14 | TS | AF | .18 | | | | | |
| 29 | .09 SQ | | .18 | .14 | 15 | | | | | | | |
| 30 | | | .10 | | | | | | | | .10 CC | .10 SQ |
| 31 | | | | | | | | | | .25 5 | | |
| | _ | | _ | _ | | | | _ | _ | | _ | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | .14 | .10 .095 | .18 .122 | .17 .146 | .17 | .11 .105 | .20 .155 | .19 .140 | .16 .106 | .37 .153 | .10 | .12 |
| MEAN: | .086 | | .122 | .140 | | | .155 | .140 | .100 | .153 | .093 | .105 |
| ANNUA: | L OBSERVATIONS | 3: 49 | ANNUAL MEAN: | .122 | ANNUAL MAX: | .37 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 LONGITUDE: -76.88189

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-09-2

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

COUNTY: (119) Union

CITY: (00000) Not in a city

(43802) Dichloromethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|-------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .08 CC | .29 5 |
| 2 | | | | | | | | | .08 CC | .18 CC | | |
| 3 | | | | | | | | .17 CC | | | | |
| 4 | | .20 | | | | AF | .00 ND | | | | | |
| 5 | .22 5 | | | AF | .13 CC | | | | | | | |
| 6 | | | .09 CC | | | | | | | | | |
| 7 | | | | | | | | | | | .09 CC | .08 SQ |
| 8 | | | | | | | | 00.5 | .21 5 | .07 CC | | |
| 9 10 | | AF | | | | .13 CC | .12 CC | .88 5 | | | | |
| 11 | .11 CC | AF | | AF | .00 ND | .13 00 | .12 00 | | | | | |
| 12 | .11 ((| | .13 CC | Mr. | .00 10 | | | | | | | |
| 13 | | | .15 00 | | | | | | | | .11 CC | .10 SQ |
| 14 | | | | | | | | | .13 CC | .08 CC | 00 | ~x |
| 15 | | | | | | | | .06 CC | | | | |
| 16 | | .14 CC | | | | .13 CC | .14 CC | | | | | |
| 17 | .09 CC | | | .29 5 | .16 | | | | | | | |
| 18 | | | .11 CC | | | | | | | | | |
| 19 | | | | | | | | | | | .24 5 | .10 SQ |
| 20 | | | | | | | | | .10 CC | .13 CC | | |
| 21 | | | | | | | | .08 CC | | | | |
| 22 | | .10 CC | | | | .09 CC | .17 | | | | | |
| 23 | .08 CC | | | .11 CC | .12 CC | | | | | | | |
| 24 | | | .10 CC | | | | | | | | | |
| 25 | | | | | | | | | | | .10 CC | .09 SQ |
| 26 | | | | | | | | 11 66 | .10 CC | .08 CC | | |
| 27 28 | | AS | | | | .08 CC | .09 CC | .11 CC | | | | |
| 28 29 | TS | AD | | .00 ND | .12 CC | .08 CC | .09 00 | | | | | |
| 30 | 10 | | AF | .00 ND | .12 ((| | | | | | | |
| 31 | | | Ar | | | | | | | | | .09 CC |
| | | | | | | | | | | | | |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | .22 | .20 | .13 | . 29 | .16 | .13 | .17 | .88 | .21 | .18 | . 24 | . 29 |
| MEAN: | .125 | .147 | .108 | .133 | .106 | .108 | .104 | .260 | .124 | .108 | .124 | .125 |
| ANNUA | L OBSERVATIONS | 54 | ANNUAL MEAN | : .131 | ANNUAL MAX: | .88 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43802) Dichloromethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-09-2

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|----------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .13 CC | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .15 |
| 3 | | | | | | | | | .10 CC | AS | | |
| 4 | | | | | | | | .10 CC | | | | |
| 5 | | .10 CC | | | | .16 CC | .07 CC | | | | | |
| 6 | .12 CC | | | .09 CC | .08 CC | | | | | | | |
| 7 | | | .12 CC | | | | | | | | | |
| 8 | | | | | | | | | | | .07 SQ | .00 ND |
| 9 | | | | | | | | | AS | .11 CC | | |
| 10 | | 11 00 | | | | 14 00 | 0.5. 0.0 | .17 | | | | |
| 11 12 | .11 CC | .11 CC | | .10 CC | AF | .14 CC | .07 CC | | | | | |
| 13 | .11 ((| | .17 CC | .10 CC | Ar | | | | | | | |
| 14 | | | .17 00 | | | | | | | | .08 SQ | AS |
| 15 | | | | | | | | | AS | .07 CC | .00 50 | 110 |
| 16 | | | | | | | | .07 CC | | | | |
| 17 | | .14 CC | | | | .10 CC | .13 CC | | | | | |
| 18 | .11 CC | | | .07 CC | .08 SQ | | | | | | | |
| 19 | | | .12 CC | | | | | | | | | |
| 20 | | | | | | | | | | | .08 SQ | AS |
| 21 | | | | | | | | | .07 CC | .10 CC | | |
| 22 | | | | | | | | .07 CC | | | | |
| 23 | | .09 CC | | | | .21 5 | .12 CC | | | | | |
| 24 | .13 CC | | | .09 SQ | .13 CC | | | | | | | |
| 25 | | | .11 CC | | | | | | | | | |
| 26 | | | | | | | | | | | .10 SQ | .09 SQ |
| 27 | | | | | | | | AS | .09 CC | .13 CC | | |
| 28 29 | | | | | | .08 SQ | .38 5 | AS | | | | |
| 30 | AF | | | .12 | .10 CC | .00 50 | .30 3 | | | | | |
| 31 | PII. | | .07 CC | | .10 00 | | | | | | | |
| | | | | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | .13 | .14 | .17 | .12 | .13 | . 21 | .38 | .17 | .10 | .13 | .10 | .15 |
| MEAN: | .118 | .110 | .120 | .094 | .098 | .138 | .154 | .103 | .087 | .103 | .083 | .080 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | .110 | ANNUAL MAX: | .38 | | | | | | |

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

Jul. 3, 2019

LATITUDE: 40.95517 LONGITUDE: -76.88189

ELEVATION-MSL: 150

PROBE HEIGHT: 3

67-66-3

CAS NUMBER:

UTM ZONE:

DURATION: 24 HOUR

UTM NORTHING:

UTM EASTING:

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA

CITY: (00000) Not in a city

(43803) Chloroform

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM 2013 REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|--------|--------------|----------|--------------|---------|-------------|---------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | .00 ND | .00 ND | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | ni. | | | | |
| 4 | .00 ND | .00 112 | | .00 ND | .00 ND | .00 112 | .00 112 | | | | | |
| 5 | .00 115 | | .00 ND | .00 112 | .00 112 | | | | | | | |
| 6 | | | .00 112 | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .00 ND | | | | AF | .00 ND | | | | | |
| 16 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 17 | | | .00 ND | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .04 SQ |
| 31 | | | | | | | | | | .04 CC | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .04 | 0.00 | .04 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .007 | 0.000 | .010 |
| ANNUAI | OBSERVATIONS | : 49 | ANNUAL MEAN: | .002 | ANNUAL MAX: | .04 | | | | | | |
| | | | | | | | | | | | | |

Jul. 3, 2019

LATITUDE: 40.95517 LONGITUDE: -76.88189

STATE: (42) Pennsylvania

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA UTM NORTHING: LAND USE: RESIDENTIAL UTM EASTING:

SITE COMMENTS: LOCATION SETTING: SUBURBAN

MONITOR COMMENTS:

SITE ID: 42-119-0001

COUNTY: (119) Union

(43803) Chloroform

CITY: (00000) Not in a city

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2014 REPORT FOR:

MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UNITS: Parts per billion Carbon

ELEVATION-MSL: 150

PROBE HEIGHT: 3

67-66-3

| _ | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | | AF | | | | .00 ND | .00 ND | | | | | |
| 11 | .00 ND | | | AF | .00 ND | | | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | 00 == | | | | 00.3= | 00 | .00 ND | | | | |
| 16 | 00.37 | .00 DI | | 00 > | 00.37= | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | 00.375 | .00 ND | .00 ND | | | | | | | |
| 18 19 | | | .00 ND | | | | | | | | .05 SQ | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | .05 SQ | .00 ND |
| 21 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 22 | | .00 ND | | | | .00 ND | .26 5 | .00 ND | | | | |
| 23 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .20 3 | | | | | |
| 24 | .00 140 | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | .00 AD | .00 ND |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| | | | | | _ | | - | - | - | _ | - | |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | . 26 | 0.00 | 0.00 | 0.00 | .05 | 0.00 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .052 | 0.000 | 0.000 | 0.000 | .010 | 0.000 |
| ANNUAI | L OBSERVATIONS | : 54 | ANNUAL MEAN: | .006 | ANNUAL MAX: | .26 | | | | | | |

RAW DATA REPORT

LAND USE: RESIDENTIAL

LOCATION SETTING:

Jul. 3, 2019

LATITUDE: 40.95517 LONGITUDE: -76.88189

ELEVATION-MSL: 150

67-66-3

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43803) Chloroform

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

PROBE HEIGHT: 3

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

DURATION: 24 HOUR 2015 REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .04 SQ |
| 3 | | | | | | | | | .04 SQ | AS | | |
| 4 | | | | | | | | .08 SQ | | | | |
| 5 | | .00 ND | | | | .00 ND | .04 SQ | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .04 SQ | | |
| 10 | | | | | | | | .37 5 | | | | |
| 11 | | .02 SQ | | | | .20 5 | .00 ND | | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | 2.0 | 00 177 | .00 ND | AS |
| 15 16 | | | | | | | | .07 SQ | AS | .00 ND | | |
| 17 | | .00 ND | | | | .06 SQ | .12 | .07 SQ | | | | |
| 18 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 50 | .12 | | | | | |
| 19 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 20 | | | .00 112 | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .06 SQ | | |
| 22 | | | | | | | | .05 SQ | | _ | | |
| 23 | | .00 ND | | | | .06 SQ | .06 SQ | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .06 SQ | .04 CC | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .16 5 | | | | | |
| 30 | AF | | | .00 ND | .05 SQ | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | 0.00 | .02 | 0.00 | 0.00 | .05 | .20 | .16 | .37 | .06 | .06 | 0.00 | .04 |
| MEAN: | 0.000 | .005 | 0.000 | 0.000 | .013 | .064 | .076 | .143 | .033 | .035 | 0.000 | .013 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | .032 | ANNUAL MAX: | .37 | | | | | | |

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

Jul. 3, 2019

LATITUDE: 40.95517 LONGITUDE: STATE: (42) Pennsylvania -76.88189

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

PROBE HEIGHT: 3

56-23-5

COUNTY: (119) Union

(195) CENTRAL PENNSYLVANIA CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA LAND USE: RESIDENTIAL UTM EASTING: LOCATION SETTING: SUBURBAN ELEVATION-MSL: 150

SITE COMMENTS: MONITOR COMMENTS:

(43804) Carbon tetrachloride

POC: 2

SITE ID: 42-119-0001

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR MONITOR TYPE: SPM 2013 REPORT FOR:

UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|-------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .09 SQ | .10 SQ | | |
| 2 | | | | | | | | AF | | 1-1 -X | | |
| 3 | | .10 SQ | | | | .09 SQ | .09 SQ | | | | | |
| 4 | .08 SQ | | | .09 SQ | .10 SQ | | | | | | | |
| 5 | | | .11 SQ | | | | | | | | | |
| 6 | | | | | | | | | | | .10 SQ | .10 SQ |
| 7 | | | | | | | | | .09 SQ | .09 SQ | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .10 SQ | | | | .08 SQ | .09 SQ | | | | | |
| 10 | .10 SQ | | | .09 SQ | .11 SQ | | | | | | | |
| 11 | | | .11 SQ | | | | | | | | | |
| 12 | | | | | | | | | | | .11 SQ | .10 SQ |
| 13 | | | | | | | | | .09 SQ | .11 SQ | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .11 SQ | | | | AF | .08 SQ | | | | | |
| 16 | .10 SQ | | | .09 SQ | .11 SQ | | | | | | | |
| 17 | | | .11 SQ | | | | | | | | | 10.00 |
| 18 19 | | | | | | | | | .09 SQ | .11 SQ | TS | .10 SQ |
| 20 | | | | | | | | .10 SQ | .09 SQ | .II SQ | | |
| 21 | | .10 SQ | | | | AF | TS | .10 50 | | | | |
| 22 | .09 SQ | .10 50 | | .10 SQ | .12 SQ | PIT . | 10 | | | | | |
| 23 | .05 00 | | .10 SQ | .10 00 | .12 50 | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .09 SQ | .11 SQ | | |
| 26 | | | | | | | | .10 SQ | | | | |
| 27 | | AF | | | | AF | .08 SQ | | | | | |
| 28 | .10 SQ | | | .10 SQ | TS | | | | | | | |
| 29 | | | .09 SQ | | | | | | | | | |
| 30 | | | | | | | | | | | .10 SQ | .10 SQ |
| 31 | | | | | | | | | | .11 SQ | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | .10 | .11 | .11 | .10 | .12 | .09 | .09 | .10 | .09 | .11 | .11 | .10 |
| MEAN: | .094 | .103 | .104 | .094 | .110 | .085 | .085 | .100 | .090 | .105 | .103 | .100 |
| ANNUA | L OBSERVATIONS | 3: 49 | ANNUAL MEAN | .098 | ANNUAL MAX: | .12 | | | | | | |

Jul. 3, 2019

LATITUDE: 40.95517 LONGITUDE: -76.88189

STATE: (42) Pennsylvania

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA UTM NORTHING: LAND USE: RESIDENTIAL UTM EASTING:

LOCATION SETTING: SUBURBAN

ELEVATION-MSL: 150 PROBE HEIGHT: 3

56-23-5

CAS NUMBER:

UTM ZONE:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

MONITOR TYPE: SPM

MONITOR COMMENTS:

SITE COMMENTS:

SITE ID: 42-119-0001

COUNTY: (119) Union

CITY: (00000) Not in a city

(43804) Carbon tetrachloride

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2014 REPORT FOR: UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .08 SQ | .10 SQ |
| 2 | | | | | | | | | .09 SQ | .09 SQ | | |
| 3 | | | | | | | | .14 5 | | | | |
| 4 | | .09 SQ | | | | AF | .09 SQ | | | | | |
| 5 | .09 SQ | | | AF | .11 SQ | | | | | | | |
| 6 | | | .09 SQ | | | | | | | | | |
| 7 | | | | | | | | | | | .09 SQ | .09 SQ |
| 8 | | | | | | | | | .07 SQ | .09 SQ | | |
| 9 | | | | | | | | .10 SQ | | | | |
| 10 11 | 00.00 | AF | | AF | .11 SQ | .10 SQ | .11 SQ | | | | | |
| 12 | .09 SQ | | .13 5 | AF | .II SQ | | | | | | | |
| 13 | | | .13 3 | | | | | | | | .09 SQ | .09 SQ |
| 14 | | | | | | | | | .09 SQ | .09 SQ | .02 50 | .03 00 |
| 15 | | | | | | | | .07 SQ | | | | |
| 16 | | .10 DI | | | | .10 SQ | .10 SQ | _ | | | | |
| 17 | .09 SQ | | | .09 SQ | .13 5 | | | | | | | |
| 18 | | | .11 SQ | | | | | | | | | |
| 19 | | | | | | | | | | | .08 SQ | .10 SQ |
| 20 | | | | | | | | | .10 SQ | .09 SQ | | |
| 21 | | | | | | | | .08 SQ | | | | |
| 22 | | .10 SQ | | | | .09 SQ | .13 5 | | | | | |
| 23 | .09 SQ | | | .10 SQ | .11 SQ | | | | | | | |
| 24 | | | .11 SQ | | | | | | | | 10.00 | 10.00 |
| 25 26 | | | | | | | | | .09 SQ | .09 SQ | .10 SQ | .10 SQ |
| 27 | | | | | | | | .08 SQ | .09 SQ | .09 50 | | |
| 28 | | AS | | | | .10 SQ | .12 | .00 50 | | | | |
| 29 | TS | | | .10 SQ | .09 SQ | .10 52 | | | | | | |
| 30 | | | AF | _ | _ | | | | | | | |
| 31 | | | | | | | | | | | | .09 SQ |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | .09 | .10 | .13 | .10 | .13 | .10 | .13 | .14 | .10 | .09 | .10 | .10 |
| MEAN: | .090 | .097 | .110 | .097 | .110 | .098 | .110 | .094 | .088 | .090 | .088 | .095 |
| | | | | | | | | | | | | |
| ANNUA | L OBSERVATIONS | 54 | ANNUAL MEAN: | .097 | ANNUAL MAX: | .14 | | | | | | |

Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43804) Carbon tetrachloride

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2015 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

56-23-5

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .10 SQ | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .10 SQ |
| 3 | | | | | | | | | .10 SQ | AS | | |
| 4 | | | | | | | | .09 SQ | | | | |
| 5 | | .10 SQ | | | | .08 SQ | .08 SQ | | | | | |
| 6 | .09 SQ | | | .08 SQ | .08 SQ | | | | | | | |
| 7 | | | .09 SQ | | | | | | | | | |
| 8 | | | | | | | | | | | .09 SQ | .10 SQ |
| 9 | | | | | | | | | AS | .10 SQ | | |
| 10 | | | | | | | | .09 SQ | | | | |
| 11 | | .10 SQ | | | | .10 SQ | .08 SQ | | | | | |
| 12 | .10 SQ | | | .09 SQ | AF | | | | | | | |
| 13 | | | .08 SQ | | | | | | | | | |
| 14 | | | | | | | | | | | .11 SQ | AS |
| 15 | | | | | | | | 00.00 | AS | .10 SQ | | |
| 16 17 | | .11 SQ | | | | .08 SQ | .10 SQ | .09 SQ | | | | |
| 18 | .09 SQ | .II SQ | | .07 SQ | .09 SQ | .00 SQ | .10 50 | | | | | |
| 19 | .03 50 | | .08 SQ | .07 50 | .09 30 | | | | | | | |
| 20 | | | .00 50 | | | | | | | | .09 SQ | AS |
| 21 | | | | | | | | | .10 SQ | .10 SQ | .0, 52 | 110 |
| 22 | | | | | | | | .09 SQ | | | | |
| 23 | | .10 SQ | | | | .09 SQ | .09 SQ | _ | | | | |
| 24 | .09 SQ | | | .08 SQ | .09 SQ | | | | | | | |
| 25 | | | .08 SQ | | | | | | | | | |
| 26 | | | | | | | | | | | .10 SQ | .10 SQ |
| 27 | | | | | | | | | .09 SQ | .10 CC | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .08 SQ | .10 SQ | | | | | |
| 30 | AF | | | .08 SQ | .08 SQ | | | | | | | |
| 31 | | | .08 SQ | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | .10 | .11 | .10 | .09 | .09 | .10 | .10 | .09 | .10 | .10 | .11 | .10 |
| MEAN: | .093 | .103 | .085 | .080 | .085 | .086 | .090 | .090 | .097 | .100 | .098 | .100 |
| ANNUA | L OBSERVATIONS | : 51 | ANNUAL MEAN: | .091 | ANNUAL MAX: | .11 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> LATITUDE: 40.95517 LONGITUDE: -76.88189

STATE: (42) Pennsylvania

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA UTM NORTHING: LAND USE: RESIDENTIAL UTM EASTING:

LOCATION SETTING: SUBURBAN

ELEVATION-MSL: 150 PROBE HEIGHT: 3

75-25-2

CAS NUMBER:

UTM ZONE:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

POC: 2

(43806) Bromoform

CITY: (00000) Not in a city

SITE ID: 42-119-0001

COUNTY: (119) Union

SITE COMMENTS:

MONITOR COMMENTS:

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

2013 REPORT FOR: UNITS: Parts per billion Carbon

MIN DETECTABLE:

DURATION: 24 HOUR

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | .00 112 | .00 112 | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | 00.375 | | | | | 00.370 | AF | | | | |
| 15 16 | .00 ND | .00 ND | | .00 ND | .00 ND | AF | .00 ND | | | | | |
| 17 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | 00 | | AF | .00 ND | | | | | |
| 28 | .00 ND | | 00.3 | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | 00 MD | 0.0 MD |
| 30 31 | | | | | | | | | | .00 ND | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 75-25-2 LATITUDE: 40.95517

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

.00 ND

.00 ND

0.000

0.000

.00 ND

.00 ND

0.000

ANNUAL MAX:

COUNTY: (119) Union

CITY: (00000) Not in a city

(43806) Bromoform

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

17

27

28

29

MEAN:

TS

0.000

ANNUAL OBSERVATIONS:

.00 ND

AS

54

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

MONITOR TYPE: SPM

DURATION: 24 HOUR 2014 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

.00 ND

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

LONGITUDE:

UTM ZONE:

UNITS: Parts per billion Carbon

UTM NORTHING:

UTM EASTING:

6

0.000

ELEVATION-MSL:

PROBE HEIGHT:

-76.88189

150

MIN DETECTABLE: (0851) Pennsylvania Department Of Environmental Protection MONTH Day JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER .00 ND .00 ND 2 .00 ND .00 ND 3 .00 ND 4 .00 ND .00 ND AF 5 .00 ND .00 ND AF .00 ND 7 .00 ND .00 ND 8 .00 ND .00 ND 9 .00 ND 10 .00 ND .00 ND AF 11 .00 ND AF .00 ND 12 .00 ND 13 .00 ND .00 ND 14 .00 ND .00 ND 15 .00 ND .00 DI .00 ND .00 ND 16

18 .00 ND 19 .00 ND .00 ND 20 .00 ND .00 ND 21 .00 ND 22 .00 ND .00 ND .00 ND 23 .00 ND .00 ND .00 ND 24 .00 ND 25 .00 ND .00 ND 26 .00 ND .00 ND

30 AF 31 .00 ND 3 5 5 NO.: 4 3 4 5 4 5 5 5 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 MAX: 0.000 0.000 0.000 0.000 0.000 0.000

0.000

.00 ND

Note: Qualifier codes with regional concurrence are shown in upper case, and those without regional review are shown in lower case. An asterisk ("*") indicates that the region

has reviewed the value and does not concur with the qualifier.

0.000

ANNUAL MEAN:

.00 ND

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

CAS NUMBER: 75-25-2

LATITUDE: 40.95517

STATE: (42) Pennsylvania LONGITUDE: -76.88189

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

UTM ZONE:

UTM NORTHING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

COUNTY: (119) Union STATE: (42) Pennsylvania

COUNTY: (119) Union

AQCR: (195) CENTRAL PENNSYLVANIA

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

LAND USE: RESIDENTIAL

UTM EASTING:

SITE COMMENTS:
MONITOR COMMENTS:

(43806) Bromoform

POC: 2

SITE ID: 42-119-0001

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM REPORT FOR: 2015

DURATION: 24 HOUR

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

UNITS: Parts per billion Carbon

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

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|---------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | 2.0 | 00.375 | .00 ND | .00 ND |
| 9 10 | | | | | | | | .00 ND | AS | .00 ND | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 12 | .00 ND | .00 ND | | .00 ND | AF | .00 ND | .00 ND | | | | | |
| 13 | .00 112 | | .00 ND | .00 112 | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 24 | .00 ND | .00 ND | | .00 ND | 0.0 MD | .00 ND | .00 ND | | | | | |
| 25 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 26 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT

Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43811) Trichlorofluoromethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

URBANIZED AREA: (0000) NOT IN AN URBAN AREA UTM NORTHING: LAND USE: RESIDENTIAL UTM EASTING: LOCATION SETTING: SUBURBAN

ELEVATION-MSL: 150 PROBE HEIGHT: 3

DURATION: 24 HOUR 2013 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

UNITS: Parts per billion Carbon

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

75-69-4

40.95517

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|-------|-------------|------|-------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .27 | .27 | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .28 | | | | .25 | .25 | | | | | |
| 4 | .22 | | | .25 | .29 | | | | | | | |
| 5 | | | . 28 | | | | | | | | | |
| 6 | | | | | | | | | | | .31 | .30 |
| 7 | | | | | | | | | .29 | .26 | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .28 | | | | .27 | .35 5 | | | | | |
| 10 | .28 | | | .27 | .28 | | | | | | | |
| 11 12 | | | . 28 | | | | | | | | .30 | .24 |
| 13 | | | | | | | | | . 29 | .31 | . 30 | . 24 |
| 14 | | | | | | | | AF | . 23 | . 5± | | |
| 15 | | . 29 | | | | AF | .23 | AL | | | | |
| 16 | .30 | | | .26 | . 26 | | | | | | | |
| 17 | | | . 28 | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .29 |
| 19 | | | | | | | | | .28 | .30 | | |
| 20 | | | | | | | | .37 5 | | | | |
| 21 | | .29 | | | | AF | TS | | | | | |
| 22 | .23 | | | .32 | .31 | | | | | | | |
| 23 | | | . 27 | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .28 | .30 | | |
| 26 | | | | | | | | .26 | | | | |
| 27 | 0.77 | AF | | | | AF | .24 | | | | | |
| 28 | .27 | | 0.4 | . 29 | TS | | | | | | | |
| 29 | | | .24 | | | | | | | | 25 | 20 |
| 30 31 | | | | | | | | | | .29 | . 25 | . 29 |
| 31 | | | | | | | | | | . 29 | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | .30 | .29 | .28 | .32 | .31 | .27 | . 35 | .37 | .29 | .31 | .31 | .30 |
| MEAN: | .260 | .285 | .270 | .278 | .285 | .260 | .268 | .315 | .282 | .288 | .287 | .280 |
| ANNUAI | L OBSERVATION | S: 49 | ANNUAL MEAN: | . 279 | ANNUAL MAX: | .37 | | | | | | |

RAW DATA REPORT

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2

(43811) Trichlorofluoromethane

COUNTY: (119) Union

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

DURATION: 24 HOUR 2014 REPORT FOR:

UNITS: Parts per billion Carbon

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-69-4

40.95517

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|--------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .23 | .00 ND |
| 2 | | | | | | | | | .24 | .27 | | |
| 3 | | | | | | | | .37 5 | | | | |
| 4 | | .26 | | | | AF | .00 ND | | | | | |
| 5 | .28 | | | AF | .30 | | | | | | | |
| 6 | | | . 27 | | | | | | | | | |
| 7 | | | | | | | | | | | .26 | .25 |
| 8 | | | | | | | | | .20 5 | . 25 | | |
| 9 10 | | AF | | | | .00 ND | .28 | .28 | | | | |
| 11 | . 27 | Ar | | AF | .00 ND | .00 ND | .28 | | | | | |
| 12 | .27 | | .00 ND | AL . | .00 ND | | | | | | | |
| 13 | | | .00 112 | | | | | | | | .27 | .26 |
| 14 | | | | | | | | | . 26 | .25 | | |
| 15 | | | | | | | | .22 | | | | |
| 16 | | .30 DI | | | | .00 ND | .29 | | | | | |
| 17 | .27 | | | .29 | .34 5 | | | | | | | |
| 18 | | | .28 | | | | | | | | | |
| 19 | | | | | | | | | | | .23 | .27 |
| 20 | | | | | | | | | . 28 | .24 | | |
| 21 | | | | | | | | .24 | | | | |
| 22 | | .28 | | | 0.0 | .27 | .36 5 | | | | | |
| 23 24 | .30 | | .00 ND | .00 ND | .31 | | | | | | | |
| 25 | | | .00 ND | | | | | | | | .00 ND | .27 |
| 26 | | | | | | | | | . 26 | . 25 | .00 ND | .27 |
| 27 | | | | | | | | .25 | | | | |
| 28 | | AS | | | | .27 | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .27 | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .26 |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | .30 | .30 | .28 | .29 | .34 | . 27 | .36 | .37 | .28 | .27 | .27 | .27 |
| MEAN: | .280 | .280 | .138 | .097 | .244 | .135 | .186 | .272 | .248 | .252 | .198 | .218 |
| ΔΝΝΙΙΔ | L OBSERVATIONS | : 54 | ANNUAL MEAN: | : .216 | ANNUAL MAX: | .37 | | | | | | |
| HININOP | 1 ODDERVATIONS | . 54 | ANNUAL MEAN | 216 | ANNOAH PIAA. | .37 | | | | | | |

LAND USE: RESIDENTIAL

LOCATION SETTING:

REPORT FOR:

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 75-69-4 LATITUDE: 40.95517

STATE: (42) Pennsylvania

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

SITE COMMENTS: MONITOR COMMENTS:

(43811) Trichlorofluoromethane

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

SITE ID: 42-119-0001

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

PROBE HEIGHT: 3

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

UNITS: Parts per billion Carbon

MIN DETECTABLE:

DURATION: 24 HOUR

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

UTM ZONE:

-76.88189

| 1 2110 | () | -,a Dopo | TOMOTO OF DITTE | | | | | | | | 5511 | |
|----------|----------------|----------|-----------------|-------|-------------|------|-------|--------|-----------|---------|----------|----------|
| | MONTH | | | | | | | | | | | |
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .30 | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .32 |
| 3 | | | | | | | | | .28 | AS | | |
| 4 | | | | | | | | .30 | | | | |
| 5 | | .27 | | | | .23 | .28 | | | | | |
| 6 | .28 | | | .23 | . 23 | | | | | | | |
| 7 | | | . 29 | | | | | | | | | |
| 8 | | | | | | | | | | | .26 | .00 ND |
| 9 | | | | | | | | | AS | .27 | | |
| 10 | | | | | | | | .30 | | | | |
| 11 | | .31 | | | | .28 | .38 5 | | | | | |
| 12 | .27 | | | .24 | AF | | | | | | | |
| 13 | | | . 25 | | | | | | | | | |
| 14 15 | | | | | | | | | AS | .26 | .30 | AS |
| 16 | | | | | | | | .28 | AS | .26 | | |
| 17 | | .34 5 | | | | .25 | .37 5 | .28 | | | | |
| 18 | .26 | .54 5 | | .22 | . 26 | .23 | .37 3 | | | | | |
| 19 | .20 | | . 25 | .22 | .20 | | | | | | | |
| 20 | | | .23 | | | | | | | | .26 | AS |
| 21 | | | | | | | | | .26 | . 29 | .20 | 110 |
| 22 | | | | | | | | .28 | | | | |
| 23 | | .28 | | | | .26 | .34 | | | | | |
| 24 | .28 | | | .24 | . 25 | | | | | | | |
| 25 | | | . 25 | | | | | | | | | |
| 26 | | | | | | | | | | | .27 | .29 |
| 27 | | | | | | | | | .27 | .32 | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .22 | .41 5 | | | | | |
| 30 | AF | | | .23 | .26 | | | | | | | |
| 31 | | | . 27 | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | .28 | .34 | .30 | .24 | . 26 | .28 | .41 | .30 | .28 | .32 | .30 | .32 |
| MEAN: | .273 | .300 | .268 | .232 | .250 | .248 | .356 | .290 | .270 | .285 | .273 | .203 |
| ANNUA | L OBSERVATIONS | : 51 | ANNUAL MEAN: | .272 | ANNUAL MAX: | .41 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

Jul. 3, 2019

LATITUDE: 40.95517 LONGITUDE: -76.88189

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania COUNTY: (119) Union

CITY: (00000) Not in a city

(43812) Chloroethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-00-3

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | 00.375 | | | | | 00.370 | AF | | | | |
| 15 16 | .00 ND | .00 ND | | .00 ND | 00 MD | AF | .00 ND | | | | | |
| 17 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | 15 | .00 112 |
| 20 | | | | | | | | .00 ND | .00 112 | .00 112 | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 LONGITUDE: -76.88189

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-00-3

CAS NUMBER:

UTM ZONE:

UNITS: Parts per billion Carbon

UTM NORTHING:

UTM EASTING:

SITE ID: 42-119-0001 POC: 2

COUNTY: (119) Union

CITY: (00000) Not in a city

(43812) Chloroethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

DURATION: 24 HOUR

REPORT FOR: 2014 DURATION: 24 HOUR

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | AF | | | | 00.375 | 00.375 | .00 ND | | | | |
| 10 11 | .00 ND | AF | | AF | .00 ND | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | .00 ND | Ar | .00 ND | | | | | | | |
| 13 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 24 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| ANNUAI | OBSERVATIONS: | 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

Jul. 3, 2019

CAS NUMBER: 75-00-3 LATITUDE: 40.95517

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

STATE: (42) Pennsylvania

SITE ID: 42-119-0001 COUNTY: (119) Union

CITY: (00000) Not in a city

(43812) Chloroethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

DURATION: 24 HOUR MONITOR TYPE: SPM 2015 REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

(0851) Pennsylvania Department Of Environmental Protection MONTELL

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|---------|-------------|--------|---------|---------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | 00.370 | .00 ND | .00 ND | | | | | | | |
| 7 8 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | .00 ND | .00 ND |
| 10 | | | | | | | | .00 ND | AD | .00 142 | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | .00 112 | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 27 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 28 | | | | | | | | AS | .00 ND | .00 ND | | |
| 28 | | | | | | .00 ND | .00 ND | AO | | | | |
| 30 | AF | | | .00 ND | .00 ND | .00 ND | .00 142 | | | | | |
| 31 | | | .00 ND | .00 112 | .00 112 | | | | | | | |
| | _ | | | _ | | _ | _ | | _ | | _ | _ |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUAL | OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |
| | | | | | | | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> LATITUDE: 40.95517 LONGITUDE: -76.88189

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA

CITY: (00000) Not in a city

(43813) 1,1-Dichloroethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-34-3

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | 00.375 | .00 ND | .00 ND | | | | | | | |
| 11 12 | | | .00 ND | | | | | | | | 0.0 MD | 0.0 MD |
| 13 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 14 | | | | | | | | AF | .00 ND | .00 ND | | |
| 15 | | .00 ND | | | | AF | .00 ND | | | | | |
| 16 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 17 | | | .00 ND | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 28 | .00 ND | AF | | .00 ND | TS | AF | .00 ND | | | | | |
| 28 | .00 ND | | .00 ND | .00 ND | 15 | | | | | | | |
| 30 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | .00 112 | .00 112 |
| | | | | | | | | | | | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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 | : 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

 STATE:
 (42) Pennsylvania
 LATITUDE:
 40.95517

 LONGITUDE:
 -76.88189

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

75-34-3

IS ID 42-119-0001 POC-2 STATE: (42) Pennsylvania

COUNTY: (119) Union AQCR: (195) CENTRAL PENNSYLVANIA

(43813) 1,1-Dichloroethane

POC: 2

SITE ID: 42-119-0001

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: RESIDENTIAL

SITE COMMENTS:

MONITOR COMMENTS:

LOCATION SETTING: SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING: SUBURBAN

LOCATION SETTING: SUBURBAN

PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM REPORT FOR: 2014

DURATION: 24 HOUR

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

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

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | | AF | | | | .00 ND | .00 ND | | | | | |
| 11 | .00 ND | | | AF | .00 ND | | | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | 0.0 | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | 00 1 | 00.370 |
| 25 | | | | | | | | | 00.75 | 0.0 377 | .00 ND | .00 ND |
| 26 27 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 28 | | AS | | | | .00 ND | .00 ND | .UU ND | | | | |
| 28 | TS | no no | | .00 ND | .00 ND | .00 ND | .UU ND | | | | | |
| 30 | 10 | | AF | .00 ND | .00 ND | | | | | | | |
| 31 | | | Ar. | | | | | | | | | .00 ND |
| 21 | | | | | | | | | | | | |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| ANNUA | L OBSERVATIONS | : 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |
| | | J. | - Interest in the control of the con | 0.000 | | | | | | | | |

RAW DATA REPORT Jul. 3, 2019

CAS NUMBER: 75-34-3
LATITUDE: 40.95517

IS ID 42-119-0001 POC-2 STATE: (42) Pennsylvania

COUNTY: (119) Union AQCR: (195) CENTRAL PENNSYLVANIA

CITY: (00000) Not in a city SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

SITE COMMENTS:
MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

SITE ID: 42-119-0001

(43813) 1,1-Dichloroethane

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

REPORT FOR: 2015 DURATION: 24 HOUR

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|---------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 8 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | .00 ND | .00 ND |
| 10 | | | | | | | | .00 ND | AS | .00 ND | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 12 | .00 ND | .00 112 | | .00 ND | AF | .00 112 | .00 112 | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 26 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 28 | | | | | | | | AS | .00 ND | .00 ND | | |
| 29 | | | | | | .00 ND | .00 ND | AD | | | | |
| 30 | AF | | | .00 ND | .00 ND | .00 112 | .00 112 | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| | | | | - | | _ | - | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

CAS NUMBER: 71-55-6
LATITUDE: 40.95517
LONGITUDE: -76.88189

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

COUNTY: (119) Union

CITY: (00000) Not in a city

(43814) Methyl chloroform

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

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

MONITOR TYPE: SPM

REPORT FOR: 2013 DURATION: 24 HOUR

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|---------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | .00 112 | .00 112 | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .00 ND | | | | AF | .00 ND | | | | | |
| 16 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 17 18 | | | .00 ND | | | | | | | | TS | 0.0 MD |
| 19 | | | | | | | | | .00 ND | .00 ND | 15 | .00 ND |
| 20 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 21 | | .00 ND | | | | AF | TS | .00 112 | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> LATITUDE: 40.95517 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA

CITY: (00000) Not in a city SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

(43814) Methyl chloroform

SITE ID: 42-119-0001

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2014 REPORT FOR:

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

71-55-6

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | 00.17 | .00 ND | .00 ND | | |
| 9 10 | | AF | | | | .00 ND | .00 ND | .00 ND | | | | |
| 11 | .00 ND | Ar | | AF | .00 ND | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | .00 ND | PII. | .00 ND | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | 00.170 | .00 ND | .00 ND | | | | | | | |
| 24 25 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 27 | | | | | | | | .00 ND | .00 ND | .00 142 | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| | . OBSERVATIONS | 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |
| | | | | | | | | | | | | |

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

(43814) Methyl chloroform

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2015 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

71-55-6

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | 00.170 | | | | 00.375 | 0.0 275 | .00 ND | | | | |
| 5 6 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 7 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 8 | | | .00 112 | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 | | | | | | | | .00 ND | | | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | 0.0 177 | .00 ND | .00 ND | | | | | | | |
| 19 20 | | | .00 ND | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | .00 ND | AS |
| 22 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 2.5 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

(43815) Ethylene dichloride

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

107-06-2

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | 00 | 0.0 NTD |
| 12 13 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 14 | | | | | | | | AF | .00 ND | .00 ND | | |
| 15 | | .00 ND | | | | AF | .00 ND | 211 | | | | |
| 16 | .00 ND | . 30 112 | | .00 ND | .00 ND | | .00 112 | | | | | |
| 17 | | | .00 ND | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | 00.1 | .00 ND | .00 ND | | |
| 26 27 | | AF | | | | AF | .00 ND | .00 ND | | | | |
| 28 | .00 ND | Ar | | .00 ND | TS | AF | .UU ND | | | | | |
| 29 | .00 110 | | .00 ND | .00 ND | 10 | | | | | | | |
| 30 | | | .00 ND | | | | | | | | .00 ND | .08 CC |
| 31 | | | | | | | | | | .00 ND | .00 112 | |
| | | _ | _ | _ | | | | _ | _ | | _ | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .08 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .020 |
| ANNUAL | OBSERVATIONS: | 49 | ANNUAL MEAN: | .002 | ANNUAL MAX: | .08 | | | | | | |

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 107-06-2 LATITUDE: 40.95517

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA

CITY: (00000) Not in a city

(43815) Ethylene dichloride

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM 2014 REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|---------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | | AF | | | | .00 ND | .00 ND | | | | | |
| 11 | .00 ND | | | AF | .00 ND | | | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 15 16 | | .00 DI | | | | .00 ND | .00 ND | .00 ND | | | | |
| 17 | .00 ND | .00 DI | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 18 | .00 142 | | .00 ND | .00 142 | .00 110 | | | | | | | |
| 19 | | | .00 112 | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| ANNUAI | OBSERVATIONS: | 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 107-06-2 LATITUDE: 40.95517

STATE: (42) Pennsylvania

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA UTM NORTHING: LAND USE: RESIDENTIAL UTM EASTING:

LOCATION SETTING: SUBURBAN

ELEVATION-MSL: 150 PROBE HEIGHT: 3

-76.88189

LONGITUDE:

UTM ZONE:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

MONITOR COMMENTS:

SITE COMMENTS:

SITE ID: 42-119-0001

COUNTY: (119) Union

CITY: (00000) Not in a city

(43815) Ethylene dichloride

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

DURATION: 24 HOUR REPORT FOR: UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 | | 00.375 | | | | 00.375 | 0.0 277 | .00 ND | | | | |
| 11 12 | .00 ND | .00 ND | | .00 ND | AF | .00 ND | .00 ND | | | | | |
| 13 | .00 ND | | .00 ND | .00 ND | Ar | | | | | | | |
| 14 | | | .00 ND | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | .00 112 | 110 |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | 3.0 | .00 ND | .00 ND | | |
| 28 29 | | | | | | .00 ND | .00 ND | AS | | | | |
| 30 | AF | | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 31 | ra: | | .00 ND | .00 ND | .00 ND | | | | | | | |
| | | | | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

> LATITUDE: 40.95517 -76.88189 LONGITUDE:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL:

PROBE HEIGHT:

127-18-4

150

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

(43817) Tetrachloroethylene

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 MONITOR TYPE: SPM REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

MONTH NOVEMBER Day JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER DECEMBER 1 .00 ND .00 ND 2 AF 3 .00 ND .00 ND .00 ND 4 .00 ND .00 ND .00 ND 5 .00 ND 6 .07 CC .00 ND 7 .00 ND .00 ND 8 TS 9 .00 ND .00 ND .00 ND 10 .00 ND .00 ND .00 ND 11 .00 ND 12 .00 ND .00 ND 13 .00 ND .00 ND 14 AF .00 ND 15 AF .00 ND .00 ND .00 ND .00 ND 16 17 .00 ND 18 TS .00 ND 19 .00 ND .00 ND 20 .00 ND 21 .00 ND AF TS 22 .00 ND .00 ND .00 ND 23 .00 ND 24 AF AF 25 .00 ND .00 ND .00 ND 26 27 AF AF .00 ND 28 .00 ND .00 ND TS 29 .00 ND 30 .07 SQ .00 ND 31 .07 CC 5 5 2 5 NO.: 5 2 6 3 4 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 .07 .07 0.00 MAX: 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 .012 .047 0.000 MEAN: ANNUAL OBSERVATIONS: 49 ANNUAL MEAN: .004 ANNUAL MAX:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

COUNTY: (119) Union

CITY: (00000) Not in a city

(43817) Tetrachloroethylene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

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

MONITOR TYPE: SPM REPORT FOR: 2014

REPORT FOR: 2014

UNITS: Parts per billion Carbon

MIN DETECTABLE:

DURATION: 24 HOUR

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

127-18-4

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|---------|-------------|--------|--------|---------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | | AF | | | | .00 ND | .00 ND | | | | | |
| 11 | .00 ND | | 00.37- | AF | .00 ND | | | | | | | |
| 12 13 | | | .00 ND | | | | | | | | 0.0 MTS | 0.0 MD |
| 13 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 15 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | .00 112 | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .09 SQ | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .15 5 | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | 00.37- | 00.3 | .00 ND | .00 ND |
| 26 27 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 28 | | AS | | | | .00 ND | .00 ND | .00 ND | | | | |
| 29 | TS | no | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 30 | 10 | | AF | .00 100 | .00 14D | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| | _ | | | _ | _ | _ | _ | _ | _ | _ | _ | |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .15 | 0.00 | .09 | 0.00 | 0.00 | 0.00 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .030 | 0.000 | .018 | 0.000 | 0.000 | 0.000 |
| ANNUAI | L OBSERVATIONS: | 54 | ANNUAL MEAN: | .004 | ANNUAL MAX: | .15 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

(43817) Tetrachloroethylene

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

127-18-4

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY 1 | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .08 SQ | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .09 SQ |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 | | 06.00 | | | | 00.170 | 00.375 | .00 ND | | | | |
| 11 12 | .00 ND | .06 SQ | | .00 ND | AF | .00 ND | .00 ND | | | | | |
| 13 | .00 ND | | .09 SQ | .00 ND | Ar | | | | | | | |
| 14 | | | .09 50 | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | .00 ND | AD |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .07 SQ | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | 00.3 | 00 | AS | | | | |
| 29 | 3.0 | | | 04.50 | .00 ND | .00 ND | .09 SQ | | | | | |
| 30 31 | AF | | .00 ND | .04 SQ | .00 ND | | | | | | | |
| 31 | | | | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | 0.00 | .06 | .09 | .04 | 0.00 | 0.00 | .09 | 0.00 | 0.00 | 0.00 | 0.00 | .09 |
| MEAN: | 0.000 | .015 | .040 | .008 | 0.000 | 0.000 | .018 | 0.000 | 0.000 | 0.000 | 0.000 | .030 |
| ANNUAL | OBSERVATIONS: | 51 | ANNUAL MEAN: | .010 | ANNUAL MAX: | .09 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> LATITUDE: 40.95517 LONGITUDE: -76.88189

STATE: (42) Pennsylvania

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA UTM NORTHING: LAND USE: RESIDENTIAL UTM EASTING:

LOCATION SETTING: SUBURBAN

ELEVATION-MSL: 150 PROBE HEIGHT: 3

79-34-5

CAS NUMBER:

UTM ZONE:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

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

POC: 2

SITE ID: 42-119-0001

COUNTY: (119) Union

SITE COMMENTS:

MONITOR COMMENTS:

CITY: (00000) Not in a city

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .00 ND | | | | AF | .00 ND | | | | | |
| 16 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 17 | | | .00 ND | | | | | | | | _ | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | 00.170 | .00 ND | .00 ND | | |
| 20 | | .00 ND | | | | AF | TS | .00 ND | | | | |
| 21 22 | .00 ND | .00 ND | | .00 ND | .00 ND | Ar | 15 | | | | | |
| 23 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | m | A |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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 |
| ANNUAI | OBSERVATIONS | : 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2

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

COUNTY: (119) Union

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR 2014 REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

79-34-5

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|---------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | | AF | | | | .00 ND | .00 ND | | | | | |
| 11 | .00 ND | | | AF | .00 ND | | | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | 00.175 | 00.370 | .00 ND | .00 ND |
| 14 15 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | .00 ND | | | | |
| 17 | .00 ND | .00 Di | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 18 | .00 112 | | .00 ND | .00 112 | .00 112 | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | | |
| 27 | | 3.0 | | | | 00.3 | 00 1 | .00 ND | | | | |
| 28 | TS | AS | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 29 30 | 10 | | AF | .UU UU. | .UU UU. | | | | | | | |
| 31 | | | AF | | | | | | | | | .00 ND |
| 31 | | | | | | | | | | | | |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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: | 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

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

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

79-34-5

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|----------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 | | | | | | | | .00 ND | | | | |
| 11 | 0.0 2770 | .00 ND | | 0.0 1770 | | .00 ND | .16 SQ | | | | | |
| 12 13 | .00 ND | | .00 ND | .00 ND | AF | | | | | | | |
| 14 | | | .00 ND | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | .00 ND | AS |
| 16 | | | | | | | | .00 ND | 110 | .00 112 | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | 00.370 | 00.370 | .00 ND | .00 ND |
| 27 28 | | | | | | | | AS | .00 ND | .00 ND | | |
| 29 | | | | | | .00 ND | .00 ND | AS | | | | |
| 30 | AF | | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 31 | *** | | .00 ND | .00 112 | .00 112 | | | | | | | |
| | | | | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .032 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ANNUAI | OBSERVATIONS: | 51 | ANNUAL MEAN: | .003 | ANNUAL MAX: | .16 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43819) Bromomethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

DURATION: 24 HOUR 2013 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

74-83-9

40.95517

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|---------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | .00 112 | .00 112 | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .00 ND | | | | AF | .00 ND | | | | | |
| 16 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 17 18 | | | .00 ND | | | | | | | | TS | 0.0 MD |
| 19 | | | | | | | | | .00 ND | .00 ND | 15 | .00 ND |
| 20 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 21 | | .00 ND | | | | AF | TS | .00 112 | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 74-83-9 LATITUDE: 40.95517 LONGITUDE: -76.88189

> > ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43819) Bromomethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2014 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|--------------|--------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|-----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | 00.170 | AF | | | 00.375 | .00 ND | .00 ND | | | | | |
| 11 12 | .00 ND | | .00 ND | AF | .00 ND | | | | | | | |
| 13 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 15 | | | | | | | | .00 ND | .00 112 | .00 112 | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 26 | | | | | | | | | .00 ND | 0.0 MD | .00 ND | .00 ND |
| 26 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 28 | | AS | | | | .00 ND | .00 ND | .00 ND | | | | |
| 29 | TS | AD | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| | 4 | 2 | 4 | 2 | - | 4 | 5 | 5 | - | 5 | _ | 6 |
| NO.: MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 5 0.00 | 0.00 | 0.00 | 0.00 | 5 0.00 | 0.00 | 5 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 |
| | | | | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 3.000 |
| ANNUAI | OBSERVATIONS | 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

2015

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

REPORT FOR:

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517
STATE: (42) Pennsylvania LONGITUDE: -76.88189

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43819) Bromomethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

DURATION: 24 HOUR

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

74-83-9

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|---------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | 00 NTD | 0.0 MD |
| 8 9 | | | | | | | | | AS | .00 ND | .00 ND | .00 ND |
| 10 | | | | | | | | .00 ND | AS | .00 ND | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | 00 277 | .00 ND | .00 ND | | |
| 22 23 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 24 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 25 | .00 112 | | .00 ND | .00 112 | .00 112 | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> LATITUDE: 40.95517 LONGITUDE: -76.88189

STATE: (42) Pennsylvania

SITE ID: 42-119-0001 COUNTY: (119) Union

CITY: (00000) Not in a city

(43820) 1,1,2-Trichloroethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

79-00-5

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|---|--------------|----------|----------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | .00 ND | | | | 0.0 MD | 00 MD | TS | | | | |
| 9 10 | .00 ND | .UU ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 11 | .uu uu | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 12 | | | .00 110 | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .00 ND | | | | AF | .00 ND | | | | | |
| 16 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 17 | | | .00 ND | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | .00 ND | | | | | TS | .00 ND | | | | |
| 21 22 | .00 ND | .00 ND | | .00 ND | .00 ND | AF | TS | | | | | |
| 23 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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 | : 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |
| I II I | | 12 | PUNIOUT LIPUN. | 0.000 | innoin inn | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

(43820) 1,1,2-Trichloroethane CAS NUMBER: 79-00-5 LATITUDE: 40.95517 POC: 2 LONGITUDE: -76.88189

UTM ZONE:

STATE: (42) Pennsylvania COUNTY: (119) Union

SITE ID: 42-119-0001

(195) CENTRAL PENNSYLVANIA CITY: (00000) Not in a city URBANIZED AREA: (0000) NOT IN AN URBAN AREA

UTM NORTHING: SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA LAND USE: RESIDENTIAL UTM EASTING: SITE COMMENTS: LOCATION SETTING: SUBURBAN ELEVATION-MSL: 150 MONITOR COMMENTS: PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR MONITOR TYPE: SPM 2014 REPORT FOR:

UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|---------|-------------|---------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | | AF | | | | .00 ND | .00 ND | | | | | |
| 11 | .00 ND | | 00.775 | AF | .00 ND | | | | | | | |
| 12 13 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | . UU ND | .00 ND |
| 15 | | | | | | | | .00 ND | .00 MD | .00 ND | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | .00 ND | | | | |
| 17 | .00 ND | .00 21 | | .00 ND | .00 ND | .00 112 | .00 112 | | | | | |
| 18 | | | .00 ND | , , , , | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | 00 |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| ANNUA | L OBSERVATIONS | 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

AQCR: (195) CENTRAL PENNSYLVANIA

LAND USE: RESIDENTIAL

LOCATION SETTING:

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania -76.88189 LONGITUDE:

COUNTY: (119) Union

(43820) 1,1,2-Trichloroethane

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR REPORT FOR: 2015

UNITS: Parts per billion Carbon MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

79-00-5

MONTH

| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|----------|-----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 | | | | | | | | .00 ND | | | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | 00.370 | .00 ND | AF | | | | | | | |
| 13 14 | | | .00 ND | | | | | | | | .00 ND | 3.0 |
| 15 | | | | | | | | | AS | .00 ND | .00 ND | AS |
| 16 | | | | | | | | .00 ND | AS | .00 ND | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .44 | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | 00.175 | 00.375 | .00 ND | .00 ND | | | | | |
| 30 31 | AF | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| :XAM | 0.00 | 0.00 | 0.00 | . 44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MEAN: | 0.000 | 0.000 | 0.000 | .088 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | .009 | ANNUAL MAX: | .44 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 76-13-1 LATITUDE: 40.95517

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

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

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM 2013 REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

DURATION: 24 HOUR

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .19 SQ | .15 SQ | | |
| 2 | | | | | | | | AF | .15 00 | .13 50 | | |
| 3 | | .18 SQ | | | | .18 SQ | .16 SQ | | | | | |
| 4 | .15 SQ | _ | | .17 SQ | .18 SQ | _ | _ | | | | | |
| 5 | | | .20 SQ | | | | | | | | | |
| 6 | | | | | | | | | | | .20 SQ | .19 SQ |
| 7 | | | | | | | | | .16 SQ | .16 SQ | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .19 SQ | | | | .17 SQ | .15 SQ | | | | | |
| 10 | .18 SQ | | | .18 SQ | .19 SQ | | | | | | | |
| 11 | | | .20 SQ | | | | | | | | | |
| 12 | | | | | | | | | | | .20 SQ | .19 SQ |
| 13 | | | | | | | | | .17 SQ | .17 SQ | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .20 SQ | | | | AF | .16 SQ | | | | | |
| 16 | .19 SQ | | | .18 SQ | .18 SQ | | | | | | | |
| 17 | | | .20 SQ | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .19 SQ |
| 19 | | | | | | | | | .16 SQ | .18 SQ | | |
| 20 | | | | | | | | .17 SQ | | | | |
| 21 | | .21 SQ | | | | AF | TS | | | | | |
| 22 | .18 SQ | | | .20 SQ | .22 SQ | | | | | | | |
| 23 24 | | | .19 SQ | | | | | | | | | |
| 24 | | | | | | | | | .17 SQ | .16 SQ | AF | AF |
| 25 26 | | | | | | | | .16 SQ | .17 50 | .16 SQ | | |
| 27 | | AF | | | | AF | .15 SQ | .10 50 | | | | |
| 28 | .18 SQ | Ar | | .20 SQ | TS | Ar | .13 50 | | | | | |
| 29 | .10 50 | | .17 SQ | .20 50 | 15 | | | | | | | |
| 30 | | | .17 50 | | | | | | | | .19 SQ | .20 SQ |
| 31 | | | | | | | | | | .19 SQ | .17 00 | .20 00 |
| | | | | | | | | | | | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| :XAM | .19 | .21 | .20 | .20 | .22 | .18 | .16 | .17 | .19 | .19 | .20 | .20 |
| MEAN: | .176 | .195 | .192 | .186 | .193 | .175 | .155 | .165 | .170 | .168 | .197 | .193 |
| ANNUA | L OBSERVATIONS | 3: 49 | ANNUAL MEAN: | .180 | ANNUAL MAX: | .22 | | | | | | |

RAW DATA REPORT

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

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

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM 2014 REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

76-13-1

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|--------------------------------|------------------------------------|---------------------------|----------------------------------|--------------------------|---------------------------------|-------------|---------------|------------------|------------------|------------------|-------------|------------------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 2 3 4 5 | .16 SQ | .18 SQ | | | .19 SQ | AF | .16 SQ | .24 5 | .15 SQ | .16 SQ | .15 SQ | .16 SQ |
| 6 7 8 9 | .10 SQ | AF | .16 SQ | AF | . TA 2Å | .18 SQ | .21 SQ | .17 SQ | .13 SQ | .16 SQ | .17 SQ | .15 SQ |
| 11 12 13 14 | .15 SQ | AF | .21 SQ | AF | .19 SQ | .10 SQ | .21 SQ | | .16 SQ | .16 SQ | .16 SQ | .16 SQ |
| 15 16 17 18 19 | .17 SQ | .19 DI | .18 SQ | .17 SQ | .21 SQ | .19 SQ | .18 SQ | .13 SQ | | | .15 SQ | .16 SQ |
| 20 21 22 23 24 | .16 SQ | .18 SQ | .20 SQ | .17 SQ | .20 SQ | .17 SQ | .24 5 | .14 SQ | .17 SQ | .15 SQ | | |
| 25 26 27 28 29 | TS | AS | | .16 SQ | .17 SQ | .16 SQ | .21 SQ | .15 SQ | .17 SQ | .16 SQ | .16 SQ | .16 SQ |
| 30 31 | | | AF | | | | | | | | | .16 SQ |
| NO.: MAX: MEAN: ANNUA | 4 .17 .160 L OBSERVATIONS | 3 .19 .183 3: 54 | 4 .21 .188 ANNUAL MEAN: | 3 .17 .167 .171 | 5 .21 .192 ANNUAL MAX: | .19 .175 | . 24 . 200 | 5 .24 .166 | 5 .17 .156 | 5 .16 .158 | .17 .158 | 6 .16 .158 |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 76-13-1 LATITUDE: 40.95517

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

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

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONTELL

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco

MONITOR TYPE: SPM REPORT FOR: 2015

DURATION: 24 HOUR UNITS: Parts per billion Carbon

MIN DETECTABLE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

(0851) Pennsylvania Department Of Environmental Protection

| | MONTH | | | | | | | | | | | |
|------------------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 2 3 4 | | | .18 SQ | | | | | .15 SQ | .17 SQ | AS | AF | .18 SQ |
| 5 | | .17 SQ | | | | .14 SQ | .15 SQ | | | | | |
| 6 | .16 SQ | | | .15 SQ | .13 SQ | | | | | | | |
| 7 | | | .15 SQ | | | | | | | | | |
| 8 | | | | | | | | | | | .15 SQ | .00 ND |
| 9 10 | | | | | | | | .16 SQ | AS | .15 SQ | | |
| 11 | | .18 SQ | | | | .18 SQ | .15 SQ | .16 SQ | | | | |
| 12 | .17 SQ | .10 50 | | .15 SQ | AF | .10 50 | .15 50 | | | | | |
| 13 | .17 00 | | .15 SQ | .13 52 | | | | | | | | |
| 14 | | | | | | | | | | | .17 SQ | AS |
| 15 | | | | | | | | | AS | .15 SQ | | |
| 16 | | | | | | | | .15 SQ | | | | |
| 17 | | .20 SQ | | | | .14 SQ | .18 SQ | | | | | |
| 18 | .16 SQ | | | .13 SQ | .16 SQ | | | | | | | |
| 19 | | | .17 SQ | | | | | | | | | |
| 20 | | | | | | | | | | | .15 SQ | AS |
| 21 | | | | | | | | | .16 SQ | .16 SQ | | |
| 22 23 | | .18 SQ | | | | .15 SQ | .15 SQ | .16 SQ | | | | |
| 24 | .16 SQ | .10 50 | | .16 SQ | .15 SQ | .15 50 | .15 50 | | | | | |
| 25 | .10 50 | | .11 SQ | .10 50 | .13 30 | | | | | | | |
| 26 | | | | | | | | | | | .16 SQ | .18 SQ |
| 27 | | | | | | | | | .16 SQ | .17 CC | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .13 SQ | .16 SQ | | | | | |
| 30 | AF | | | .15 SQ | .15 SQ | | | | | | | |
| 31 | | | .12 SQ | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | .17 | .20 | .18 | .16 | .16 | .18 | .18 | .16 | .17 | .17 | .17 | .18 |
| MEAN: | .163 | .183 | .147 | .148 | .148 | .148 | .158 | .155 | .163 | .158 | .158 | .120 |
| ANNUA | L OBSERVATIONS | 3: 51 | ANNUAL MEAN: | .154 | ANNUAL MAX: | .20 | | | | | | |

AIR QUALITY SYSTEM RAW DATA REPORT

Jul. 3, 2019

LAND USE: RESIDENTIAL

LOCATION SETTING:

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

STATE: (42) Pennsylvania COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA

SITE ID: 42-119-0001

CITY: (00000) Not in a city

(43823) Dichlorodifluoromethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

UNITS: Parts per billion Carbon

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-71-8

40.95517

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|-------|-------------|------|------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .62 | .18 5 | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .62 | | | | .58 | .59 | | | | | |
| 4 | .47 | | | .56 | .60 | | | | | | | |
| 5 | | | .63 | | | | | | | | | |
| 6 | | | | | | | | | | | .61 | .63 |
| 7 | | | | | | | | | .62 | .22 5 | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .62 | | | | .56 | .56 | | | | | |
| 10 | .61 | | | .59 | .59 | | | | | | | |
| 11 | | | .61 | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .65 |
| 13 | | | | | | | | | .19 5 | .63 | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .62 | | | | AF | .55 | | | | | |
| 16 | .62 | | 50 | .58 | .55 | | | | | | | |
| 17 18 | | | .59 | | | | | | | | mo. | 6.4 |
| 18 19 | | | | | | | | | .14 5 | .64 | TS | .64 |
| 20 | | | | | | | | .60 | .14 5 | .04 | | |
| 21 | | .61 | | | | AF | TS | .00 | | | | |
| 22 | .54 | .01 | | .69 | .69 | AL. | 15 | | | | | |
| 23 | .51 | | .58 | .05 | .05 | | | | | | | |
| 24 | | | .50 | | | | | | | | AF | AF |
| 25 | | | | | | | | | .24 5 | .62 | | |
| 26 | | | | | | | | .58 | | | | |
| 27 | | AF | | | | AF | .45 | | | | | |
| 28 | .60 | | | .64 | TS | | | | | | | |
| 29 | | | .55 | | | | | | | | | |
| 30 | | | | | | | | | | | .53 | .62 |
| 31 | | | | | | | | | | .60 | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | .62 | .62 | .63 | .69 | .69 | .58 | .59 | .60 | .62 | .64 | .61 | .65 |
| MEAN: | .568 | .618 | .592 | .612 | .608 | .570 | .538 | .590 | .362 | .482 | .380 | .635 |
| ANNUA | L OBSERVATIONS | : 49 | ANNUAL MEAN: | .543 | ANNUAL MAX: | .69 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43823) Dichlorodifluoromethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

REPORT FOR: 2014 UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-71-8

40.95517

-76.88189

| Day JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DEC .51 .51 .51 .51 .51 .51 .51 .51 .51 .51 | |
|--|----------|
| 2 | DECEMBER |
| .82 5 4 | .63 |
| AF .54 5 .58 | |
| 5 | |
| 6 .54 .58 .58 .58 .58 .58 .58 .58 .58 .58 .58 | |
| .58 .8 .44 .55 .9 .61 .10 .AF .00 ND .27 5 .11 .63 .AF .62 .2 .47 .3 .55 .56 | |
| 8 .44 .55 9 .61 10 AF .00 ND .27 5 11 .63 AF .62 12 .47 13 .55 .56 | |
| 9 .61 10 AF .00 ND .27 5 11 .63 AF .62 12 .47 13 .55 .56 | .57 |
| 10 AF .00 ND .27 5 11 .63 AF .62 12 .47 13 .55 .56 | |
| 11 .63 AF .62 12 .47 13 .57 14 .55 .56 | |
| 12 .47 13 .57 14 .55 .56 | |
| 13 .57 14 .55 .56 | |
| 14 .55 .56 | .57 |
| | |
| | |
| 16 .61 DI .72 .61 | |
| 17 .62 .54 .78 5 | |
| 18 .61 | |
| 19 | .57 |
| 20 .58 .53 | |
| .52 | |
| 22 .56 .52 .75 5 | |
| 23 .63 .56 .66 | |
| 24 .31 5 | |
| 25 .60 | .58 |
| 26 .55 .55 27 .53 | |
| 27 28 AS .62 .59 | |
| 29 TS .56 .57 | |
| 30 AF | |
| 31 | .57 |
| | |
| NO.: 4 3 4 3 5 4 5 5 5 5 5 | 6 |
| MAX: .63 .61 .61 .56 .78 .72 .75 .82 .58 .57 .60 | .63 |
| MEAN: .615 .567 .483 .553 .648 .465 .552 .588 .532 .552 .556 | .582 |
| ANNUAL OBSERVATIONS: 54 ANNUAL MEAN: .560 ANNUAL MAX: .82 | |

AIR QUALITY SYSTEM RAW DATA REPORT

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43823) Dichlorodifluoromethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

2015 MONITOR TYPE: SPM REPORT FOR:

DURATION: 24 HOUR UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-71-8

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|----------------|------------|--------------|-------|-------------|------|------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .60 | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .72 |
| 3 | | | | | | | | | .63 | AS | | |
| 4 | | | | | | | | .50 | | | | |
| 5 | | .59 | | | | .56 | .57 | | | | | |
| 6 | .57 | | | .27 5 | . 48 | | | | | | | |
| 7 | | | .40 5 | | | | | | | | | |
| 8 | | | | | | | | | | | .55 | .74 5 |
| 9 | | | | | | | | | AS | .57 | | |
| 10 | | <i>C</i> 4 | | | | | F.0 | .56 | | | | |
| 11 12 | .59 | .64 | | .29 5 | AF | .66 | .58 | | | | | |
| 13 | . 39 | | .35 5 | .29 5 | Ar | | | | | | | |
| 14 | | | .33 3 | | | | | | | | .62 | AS |
| 15 | | | | | | | | | AS | .51 | .02 | 110 |
| 16 | | | | | | | | .57 | | | | |
| 17 | | .71 | | | | .53 | .68 | | | | | |
| 18 | .58 | | | .49 | .57 | | | | | | | |
| 19 | | | .47 | | | | | | | | | |
| 20 | | | | | | | | | | | .58 | AS |
| 21 | | | | | | | | | .55 | .62 | | |
| 22 | | | | | | | | .60 | | | | |
| 23 | | .63 | | | | .58 | .60 | | | | | |
| 24 | .58 | | | .54 | .62 | | | | | | | |
| 25 | | | . 48 | | | | | | | | | |
| 26 | | | | | | | | | | | .50 | .45 |
| 27 | | | | | | | | | .52 | .64 | | |
| 28 | | | | | | 4.0 | | AS | | | | |
| 29 30 | | | | .50 | 60 | .49 | .60 | | | | | |
| 31 | AF | | . 56 | .50 | .60 | | | | | | | |
| 31 | | | .50 | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | .59 | .71 | .60 | .54 | .62 | .66 | .68 | .60 | .63 | .64 | .62 | .74 |
| MEAN: | .580 | .643 | .477 | .418 | .568 | .564 | .606 | .558 | .567 | .585 | .563 | .637 |
| ANNUA | L OBSERVATIONS | 3: 51 | ANNUAL MEAN: | .557 | ANNUAL MAX: | .74 | | | | | | |

AIR QUALITY SYSTEM
RAW DATA REPORT

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

RAW DATA REPORT Jul. 3, 2019

CAS NUMBER: 79-01-6

LATITUDE: 40.95517

LONGITUDE: -76.88189

ELEVATION-MSL: 150

(43824) Trichloroethylene
SITE ID: 42-119-0001 POC: 2

COUNTY: (119) Union

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

PROBE HEIGHT: 3

REPORT FOR: 2013 DURATION: 24 HOUR

UNITS: Parts per billion Carbon

UTM ZONE:

UTM NORTHING:

UTM EASTING:

MIN DETECTABLE:

| Day | | MONTH | | | | | | | | | | | |
|--|--------|---------------|----------|--------------|--------|-------------|--------|---------|--------|-----------|---------|----------|----------|
| 2 | Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 2 | 1 | | | | | | | | | .00 ND | .00 ND | | |
| 4 | | | | | | | | | AF | | | | |
| 5 | 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| .00 ND .0 | 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| .00 ND .0 | 5 | | | .00 ND | | | | | | | | | |
| TS 9 0.00 ND 0 | 6 | | | | | | | | | | | .00 ND | .00 ND |
| 9 .00 ND | 7 | | | | | | | | | .00 ND | .00 ND | | |
| 10 | | | | | | | | | TS | | | | |
| 11 | | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 13 | | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | 00.3 | 00.3 | .00 ND | .00 ND |
| 15 .00 ND | | | | | | | | | 3.5 | .UU ND | .UU ND | | |
| 16 .00 ND | | | 0.0 мт | | | | λE | 0.0 мто | Ar | | | | |
| 17 .00 ND 18 .50 ND 19 .00 ND .00 ND 20 .00 ND 21 .00 ND AF TS 22 .00 ND .00 ND .00 ND 23 .00 ND .00 ND | | OO ND | .00 ND | | 0.0 MD | 0.0 MD | mr. | .00 ND | | | | | |
| 18 TS .00 ND 19 .00 ND .00 ND .00 ND 20 .00 ND 21 .00 ND AF TS 22 .00 ND .00 ND .00 ND 23 .00 ND .00 ND | | .00 140 | | .00 ND | .00 10 | .00 110 | | | | | | | |
| 19 .00 ND | | | | .00 112 | | | | | | | | TS | .00 ND |
| .00 ND 21 .00 ND AF TS 22 .00 ND .00 ND .00 ND 23 .00 ND 24 | | | | | | | | | | .00 ND | .00 ND | | |
| 22 .00 ND .00 ND .00 ND .023 .00 ND .00 ND .00 AF AF | | | | | | | | | .00 ND | | | | |
| 23 .00 ND 24 AF AF | 21 | | .00 ND | | | | AF | TS | | | | | |
| AF AF | 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| | 23 | | | .00 ND | | | | | | | | | |
| 25 .00 ND .00 ND | 24 | | | | | | | | | | | AF | AF |
| | | | | | | | | | | .00 ND | .00 ND | | |
| .00 ND | | | | | | | | | .00 ND | | | | |
| 27 AF .00 ND | | | AF | | | | AF | .00 ND | | | | | |
| 28 .00 ND .00 ND TS | | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 .00 ND | | | | .00 ND | | | | | | | | 00 | 0.0 377 |
| 30 .00 ND .00 ND .00 ND .00 ND .00 ND | | | | | | | | | | | 00 200 | .UU ND | .UU ND |
| 31 .00 ND | 31 | | | | | | | | | | .UU ND | | |
| NO: 5 4 5 5 4 2 4 2 5 6 3 4 | | | | | | | | | | | | | |
| MAX: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0. | MAX: | | | | | | | | | | | | |
| 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 | 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: 49 ANNUAL MEAN: 0.000 ANNUAL MAX: 0.00 | ANNUAL | OBSERVATIONS: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

> LATITUDE: 40.95517 LONGITUDE: -76.88189

> > ELEVATION-MSL: 150

PROBE HEIGHT: 3

79-01-6

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43824) Trichloroethylene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM 2014 REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|---------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | | AF | | | | .00 ND | .00 ND | | | | | |
| 11 | .00 ND | | | AF | .00 ND | | | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | 00 MD | 00 ND | .00 ND | .00 ND |
| 14 15 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | .00 ND | | | | |
| 17 | .00 ND | .00 DI | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 18 | .00 112 | | .00 ND | .00 112 | .00 112 | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | _ | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | 00.75 |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| ANNUA | L OBSERVATIONS | 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

AIR QUALITY SYSTEM RAW DATA REPORT

Jul. 3, 2019

LATITUDE: 40.95517 LONGITUDE: -76.88189

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43824) Trichloroethylene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

79-01-6

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|--------|---------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 6 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 7 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 8 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 | | | | | | | | .00 ND | | | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | .00 ND | AS |
| 20 21 | | | | | | | | | .00 ND | .00 ND | .00 ND | AS |
| 22 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | .00 112 | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .28 CC | .00 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .28 | 0.00 | 0.00 | 0.00 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .093 | 0.000 | 0.000 | 0.000 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | .005 | ANNUAL MAX: | .28 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

COUNTY: (119) Union

CITY: (00000) Not in a city

(43826) 1,1-Dichloroethylene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

partment of Environmental Protection

REPORT FOR: 2013

DURATION: 24 HOUR

LOCATION SETTING:

LAND USE: RESIDENTIAL

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

UNITS: Parts per billion Carbon

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-35-4

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|---------|-------------|--------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | 00.370 | 00.170 |
| 12 13 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 14 | | | | | | | | AF | .00 ND | .00 ND | | |
| 15 | | .00 ND | | | | AF | .00 ND | Ar | | | | |
| 16 | .00 ND | .00 ND | | .00 ND | .00 ND | AL . | .00 145 | | | | | |
| 17 | .00 112 | | .00 ND | .00 112 | .00 112 | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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 | : 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

(43826) 1,1-Dichloroethylene

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2014 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-35-4

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|---------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 7 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 9 | | | | | | | | .00 ND | .00 ND | .00 Mb | | |
| 10 | | AF | | | | .00 ND | .00 ND | | | | | |
| 11 | .00 ND | | | AF | .00 ND | | | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | 00 57 | | | | 00.375 | 00 277 | .00 ND | | | | |
| 16 17 | .00 ND | .00 DI | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 112 | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 26 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 26 27 | | | | | | | | .00 ND | .UU ND | .00 D | | |
| 28 | | AS | | | | .00 ND | .00 ND | .00 ND | | | | |
| 29 | TS | - | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| ΔΝΝΙΙΔΤ | OBSERVATIONS | : 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |
| MININUML | CDSERVALIONS | 54 | ANNUAL MEAN | 0.000 | MINIONI PIAA. | 0.00 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-35-4

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

(43826) 1,1-Dichloroethylene

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONTELL

DURATION: 24 HOUR MONITOR TYPE: SPM 2015 REPORT FOR:

UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|---------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | 00.375 | | | | 00.375 | 00.375 | .00 ND | | | | |
| 5 6 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 7 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 8 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | .00 ND | .00 ND |
| 10 | | | | | | | | .00 ND | | | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | 0.0 277 | .00 ND | .00 ND | | |
| 22 23 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 24 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 25 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 26 | | | .00 112 | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUAI | OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

(195) CENTRAL PENNSYLVANIA

RAW DATA REPORT Jul. 3, 2019

CAS NUMBER: 75-27-4
LATITUDE: 40.95517

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union AQCI

(43828) Bromodichloromethane

CITY: (UUUUU) NOT IN A CITY

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS:

MONITOR COMMENTS:

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: RESIDENTIAL

LOCATION SETTING: SUBURBAN

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

REPORT FOR: 2013

DURATION: 24 HOUR

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

UNITS: Parts per billion Carbon

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

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|---------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | 00 377 | 00 255 | .00 ND | .00 ND |
| 13 14 | | | | | | | | AF | .00 ND | .00 ND | | |
| 15 | | .00 ND | | | | AF | .00 ND | AF | | | | |
| 16 | .00 ND | .00 ND | | .00 ND | .00 ND | Ar | .00 ND | | | | | |
| 17 | .00 112 | | .00 ND | .00 112 | .00 112 | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | 00.37- | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 30 31 | | | | | | | | | | .00 ND | .UU ND | עמ טט. |
| 31 | | | | | | | | | | | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43828) Bromodichloromethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2014 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-27-4

40.95517

-76.88189

MIN DETECTABLE:

| Note | | MONTH | | | | | | | | | | | |
|--|--------|--------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| | Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| | 1 | | | | | | | | | | | .00 ND | .00 ND |
| A | 2 | | | | | | | | | .00 ND | .00 ND | | |
| S | 3 | | | | | | | | .00 ND | | | | |
| Control Cont | | | .00 ND | | | | AF | .00 ND | | | | | |
| Column C | | .00 ND | | | AF | .00 ND | | | | | | | |
| Representation Repr | | | | .00 ND | | | | | | | | | |
| 1 | | | | | | | | | | 00 MD | 0.0 MD | .00 ND | .00 ND |
| 10 | | | | | | | | | 00 MD | .00 ND | .00 ND | | |
| 11 | | | AF | | | | .00 ND | .02 SO | .00 ND | | | | |
| 13 | | .00 ND | - | | AF | .00 ND | | 52 | | | | | |
| 14 | | | | .00 ND | | | | | | | | | |
| 16 | 13 | | | | | | | | | | | .00 ND | .00 ND |
| 16 | | | | | | | | | | .00 ND | .00 ND | | |
| 17 | | | | | | | | | .00 ND | | | | |
| 18 | | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 19 | | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 20 | | | | .00 ND | | | | | | | | 00 MD | 0.0 MD |
| 21 | | | | | | | | | | 0.0 ND | 0.0 ND | .00 ND | .00 ND |
| 22 | | | | | | | | | .00 ND | .00 ND | .00 110 | | |
| 23 | | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 25 | | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 26 | 24 | | | .00 ND | | | | | | | | | |
| 27 28 AS | 25 | | | | | | | | | | | .00 ND | .00 ND |
| 28 AS | | | | | | | | | | .00 ND | .00 ND | | |
| 29 TS | | | | | | | | | .00 ND | | | | |
| 30 AF 31 NO.: 4 3 4 3 5 4 5 5 5 5 5 6 MAX: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0. | | ma | AS | | 00 | 00.37- | .00 ND | .00 ND | | | | | |
| NO: 4 3 4 3 5 4 5 5 5 5 6 MAX: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0. | | TS | | 3.0 | .00 ND | .00 ND | | | | | | | |
| NO: 4 3 4 3 5 4 5 5 5 5 6 MAX: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0. | | | | AF | | | | | | | | | 0.0 ND |
| MAX: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0. | | | | | | | | | | | | | |
| 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 0.000 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| ANNUAL OBSERVATIONS: 54 ANNUAL MEAN: 0.000 ANNUAL MAX: .02 | MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| JI ANNOED PERMY 0,000 INNOED PERMY 0,000 | ANNUAL | OBSERVATIONS | : 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | .02 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania -76.88189 LONGITUDE:

COUNTY: (119) Union

(43828) Bromodichloromethane

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2015 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

75-27-4

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|---------|-------------|---------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | 00.375 | .00 ND | | 0.0 177 | 00.375 | .00 ND | .00 ND | | | | | |
| 6 7 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 8 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | .00 ND | .00 ND |
| 10 | | | | | | | | .00 ND | | | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 21 | | | | | | | | | .00 ND | .00 ND | .00 ND | AS |
| 22 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 24 | .00 ND | .00 112 | | .00 ND | .00 ND | .00 112 | .00 112 | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 LONGITUDE: -76.88189

ELEVATION-MSL: 150

78-87-5

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-119-0001 POC: 2

(43829) 1,2-Dichloropropane

COUNTY: (119) Union

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

PROBE HEIGHT: 3

REPORT FOR: 2013 DURATION: 24 HOUR

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .00 ND | | | | AF | .00 ND | | | | | |
| 16 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 17 | | | .00 ND | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | 00 200 | .00 ND | .00 ND | | |
| 20 21 | | .00 ND | | | | AF | TS | .00 ND | | | | |
| 22 | .00 ND | .00 ND | | .00 ND | .00 ND | AF | 15 | | | | | |
| 23 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | *** |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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 |
| | | | | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 2.000 |
| ANNUAL | OBSERVATIONS: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43829) 1,2-Dichloropropane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

LOCATION SETTING: SUBURBAN ELEVATION-MSL: 150 PROBE HEIGHT: 3

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: RESIDENTIAL

DURATION: 24 HOUR 2014 REPORT FOR:

UNITS: Parts per billion Carbon

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

78-87-5

40.95517

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|--------------|---------------|----------|--------------|--------|-------------|---------|-----------|--------|-----------|-----------|----------|-----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | 00.15 | AF | | | 00.175 | .00 ND | .00 ND | | | | | |
| 11 12 | .00 ND | | .00 ND | AF | .00 ND | | | | | | | |
| 13 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | 0.0 | 0.0 MD |
| 25 26 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 26 | | | | | | | | .00 ND | .00 MD | .00 ND | | |
| 28 | | AS | | | | .00 ND | .00 ND | .00 ND | | | | |
| 29 | TS | | | .00 ND | .00 ND | .00 112 | .00 112 | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| | 4 | 2 | 4 | 3 | - | 4 | - | 5 | - | - | 5 | 6 |
| NO.: MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 5 0.00 | 0.00 | 5 0.00 | 0.00 | 5 0.00 | 5 0.00 | 0.00 | 6 0.00 |
| MEAN: | 0.000 | 0.00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 3.000 |
| ANNUAL | OBSERVATIONS: | 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> LATITUDE: 40.95517 LONGITUDE: -76.88189

SITE ID: 42-119-0001 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43829) 1,2-Dichloropropane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UNITS: Parts per billion Carbon

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

78-87-5

| | MONTH | | | | | | | | | | | |
|---------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .00 ND |
| 9 10 | | | | | | | | .00 ND | AS | .00 ND | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 12 | .00 ND | .00 ND | | .00 ND | AF | .00 ND | .00 ND | | | | | |
| 13 | .00 ND | | .00 ND | .00 ND | Ar | | | | | | | |
| 14 | | | .00 112 | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | 00 277 | 00.370 | .00 ND | .00 ND | | | | | |
| 30 | AF | | 00 MD | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUAI | OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 10061-02-6 LATITUDE: 40.95517

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

(43830) trans-1,3-Dichloropropene

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|-----------|----------|-----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .00 ND | | | | AF | .00 ND | | | | | |
| 16 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 17 | | | .00 ND | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 20 21 | | .00 ND | | | | AF | TS | .00 ND | | | | |
| 22 | .00 ND | .00 ND | | .00 ND | .00 ND | AF | 15 | | | | | |
| 23 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | AL | PIL |
| 26 | | | | | | | | .00 ND | .00 112 | .00 112 | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| | - | 4 | - | - | | 0 | | | - | _ | 2 | 4 |
| NO.: | 5 | 0.00 | 5 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5 | 6 0.00 | 0.00 | 4 0.00 |
| MAX: | 0.00 | 0.000 | 0.00 | | 0.00 | 0.00 | 0.000 | 0.000 | 0.00 | 0.000 | 0.000 | 0.000 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ANNUAL | OBSERVATIONS | : 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

2014

SUBURBAN

CAS NUMBER:

LATITUDE:

UTM ZONE:

UNITS: Parts per billion Carbon

DURATION: 24 HOUR

MIN DETECTABLE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

10061-02-6

40.95517

-76.88189

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2

(43830) trans-1,3-Dichloropropene

COUNTY: (119) Union

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

MONITOR TYPE: SPM

(0851) Pennsylvania Department Of Environmental Protection

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | 0.0 | .00 ND | .00 ND |
| 8 9 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 10 | | AF | | | | .00 ND | .00 ND | .00 ND | | | | |
| 11 | .00 ND | AL . | | AF | .00 ND | .00 ND | .00 142 | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | 0.0 | .00 ND | .00 ND |
| 20 21 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 23 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 142 | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| ANNUAI | OBSERVATIONS | : 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

AIR QUALITY SYSTEM RAW DATA REPORT

Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

(43830) trans-1,3-Dichloropropene

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

10061-02-6

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|---------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 7 | .00 ND | | 0.0 MD | .00 ND | .00 ND | | | | | | | |
| 8 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | .00 ND | .00 ND |
| 10 | | | | | | | | .00 ND | 110 | .00 112 | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 19 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 20 | | | .00 ND | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | .00 ND | AD |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | 0.0 177 | 00.370 | .00 ND | .00 ND | | | | | |
| 30 31 | AF | | .00 ND | .00 ND | .00 ND | | | | | | | |
| | | | | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUA: | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

AIR QUALITY SYSTEM
RAW DATA REPORT

RAW DATA REPORT Jul. 3, 2019

CAS NUMBER: 10061-01-5
LATITUDE: 40.95517

COUNTY: (119) Union

CITY: (00000) Not in a city

(43831) cis-1,3-Dichloropropene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

DURATION: 24 HOUR

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

REPORT FOR: 2013 DURATION: 24 HOUR
UNITS: Parts per billion Carbon

MIN DETECTABLE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | 0.0 377 | 0.0 MD |
| 12 13 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 14 | | | | | | | | AF | .00 ND | .00 ND | | |
| 15 | | .00 ND | | | | AF | .00 ND | AL. | | | | |
| 16 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 17 | | | .00 ND | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | 00.1 | .00 ND | .00 ND | | |
| 26 | | AF | | | | AF | .00 ND | .00 ND | | | | |
| 27 28 | .00 ND | Ar | | .00 ND | TS | AF | .UU ND | | | | | |
| 29 | .00 110 | | .00 ND | .00 ND | 10 | | | | | | | |
| 30 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | .00 112 | |
| | | _ | _ | _ | | | | _ | _ | | _ | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 10061-01-5 LATITUDE: 40.95517

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA

CITY: (00000) Not in a city

(43831) cis-1,3-Dichloropropene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

(0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

DURATION: 24 HOUR 2014 REPORT FOR:

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|--------|---------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 8 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 9 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 10 | | AF | | | | .00 ND | .00 ND | .00 ND | | | | |
| 11 | .00 ND | | | AF | .00 ND | | | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 19 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 21 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | .00 112 | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | ma | AS | | 00 | 00.37 | .00 ND | .00 ND | | | | | |
| 29 | TS | | AF | .00 ND | .00 ND | | | | | | | |
| 30 31 | | | AF | | | | | | | | | .00 ND |
| | | | | | | | | | | | | |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 | : 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |
| | | | | | | | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UTM ZONE:

UNITS: Parts per billion Carbon

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

RAW DATA REPORT Jul. 3, 2019

(43831) cis-1,3-Dichloropropene CAS NUMBER: 10061-01-5 LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

DURATION: 24 HOUR MONITOR TYPE: SPM REPORT FOR:

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 | | .00 ND | | | | .00 ND | 00 ND | .00 ND | | | | |
| 11 12 | .00 ND | .00 ND | | .00 ND | AF | .00 ND | .00 ND | | | | | |
| 13 | .00 ND | | .00 ND | .00 ND | AF | | | | | | | |
| 14 | | | .00 ND | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | .00 ND | AD |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 2.3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43832) Dibromochloromethane

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

124-48-1

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|---------|-------------|--------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | 00.370 | 00.170 |
| 12 13 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 14 | | | | | | | | AF | .00 ND | .00 ND | | |
| 15 | | .00 ND | | | | AF | .00 ND | Ar | | | | |
| 16 | .00 ND | .00 ND | | .00 ND | .00 ND | AL . | .00 145 | | | | | |
| 17 | .00 112 | | .00 ND | .00 112 | .00 112 | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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 | : 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania -76.88189 LONGITUDE:

COUNTY: (119) Union

(43832) Dibromochloromethane

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

(0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

DURATION: 24 HOUR 2014 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

124-48-1

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|---------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 7 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 9 | | | | | | | | .00 ND | .00 ND | .00 Mb | | |
| 10 | | AF | | | | .00 ND | .00 ND | | | | | |
| 11 | .00 ND | | | AF | .00 ND | | | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | 00 57 | | | | 00.375 | 00 277 | .00 ND | | | | |
| 16 17 | .00 ND | .00 DI | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 112 | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 26 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 26 27 | | | | | | | | .00 ND | .UU ND | .00 D | | |
| 28 | | AS | | | | .00 ND | .00 ND | .00 ND | | | | |
| 29 | TS | - | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| ΔΝΝΙΙΔΤ | OBSERVATIONS | : 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |
| MININUML | CDSERVALIONS | 54 | ANNUAL MEAN | 0.000 | MINIONI PIAA. | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania -76.88189 LONGITUDE:

COUNTY: (119) Union

(43832) Dibromochloromethane

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2015 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

124-48-1

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | 0.0 277 | 0.0 277 |
| 8 9 | | | | | | | | | AS | .00 ND | .00 ND | .00 ND |
| 10 | | | | | | | | .00 ND | AS | .00 ND | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 12 | .00 ND | .00 142 | | .00 ND | AF | .00 ND | .00 ND | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 25 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 26 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 28 | | | | | | | | AS | .00 112 | .00 112 | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| | | | | | | | | | | | | |
| ANNÜAI | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

AIR QUALITY SYSTEM RAW DATA REPORT

Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania -76.88189 LONGITUDE:

COUNTY: (119) Union

(43838) trans-1,2-Dichloroethylene

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONTELL

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM 2013 REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

156-60-5

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | 3.5 | .00 ND | .00 ND | | |
| 14 15 | | .00 ND | | | | AF | .00 ND | AF | | | | |
| 16 | .00 ND | .00 ND | | .00 ND | .00 ND | AF | .00 ND | | | | | |
| 17 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 142 | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | 10 | .00 112 |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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 | : 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |
| | | | | | | | | | | | | |

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 156-60-5 LATITUDE: 40.95517

> > -76.88189

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

DURATION: 24 HOUR

STATE: (42) Pennsylvania

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA

CITY: (00000) Not in a city

(43838) trans-1,2-Dichloroethylene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

SITE COMMENTS: MONITOR COMMENTS:

SITE ID: 42-119-0001

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

2014 MONITOR TYPE: SPM REPORT FOR:

UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|------------------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 2 3 4 | | .00 ND | | | | AF | .00 ND | .00 ND | .00 ND | .00 ND | .00 ND | .00 ND |
| | 00 MD | .00 ND | | AF | 0.0 MD | Ar | .00 ND | | | | | |
| 5 6 | .00 ND | | .00 ND | AF | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 9 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 10 | | AF | | | | .00 ND | .00 ND | .00 ND | | | | |
| 11 | .00 ND | .11 | | AF | .00 ND | .00 ND | .00 ND | | | | | |
| 12 | . 30 112 | | .00 ND | | . 30 112 | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .15 SQ | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | 0.0 377 |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .030 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ANNUAI | C OBSERVATIONS | 54 | ANNUAL MEAN: | .003 | ANNUAL MAX: | .15 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 156-60-5 LATITUDE: 40.95517

STATE: (42) Pennsylvania

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA UTM NORTHING: UTM EASTING:

LAND USE: RESIDENTIAL

REPORT FOR: 2015

LOCATION SETTING: SUBURBAN

ELEVATION-MSL: 150 PROBE HEIGHT: 3

LONGITUDE:

UTM ZONE:

UNITS: Parts per billion Carbon

-76.88189

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

(43838) trans-1,2-Dichloroethylene

POC: 2

SITE ID: 42-119-0001

COUNTY: (119) Union

SITE COMMENTS:

MONITOR COMMENTS:

CITY: (00000) Not in a city

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

MIN DETECTABLE:

DURATION: 24 HOUR

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|----------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | .00 112 | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 | | | | | | | | .00 ND | | | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | 00.370 | 00.370 | .00 ND | AS |
| 21 22 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 24 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 25 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 26 | | | .00 112 | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| | OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |
| HIVITORI | . OPDEKANITOMO. | 31 | AMMUAL MEAN. | 0.000 | THAIROUT LIMA. | 0.00 | | | | | | |

AIR QUALITY SYSTEM RAW DATA REPORT

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

156-59-2

Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania -76.88189 LONGITUDE:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

COUNTY: (119) Union

(43839) cis-1,2-Dichloroethene

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM 2013 REPORT FOR:

UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

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

| DECEMBER O ND O ND O ND |
|----------------------------|
|) ND .00 ND |
| 00 ND .00 ND |
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RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 156-59-2 LATITUDE: 40.95517

STATE: (42) Pennsylvania

(195) CENTRAL PENNSYLVANIA URBANIZED AREA: (0000) NOT IN AN URBAN AREA

UTM NORTHING: LAND USE: RESIDENTIAL UTM EASTING:

REPORT FOR: 2014

LOCATION SETTING: SUBURBAN

ELEVATION-MSL: 150 PROBE HEIGHT: 3

LONGITUDE:

UTM ZONE:

-76.88189

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

MONITOR TYPE: SPM

SITE COMMENTS:

MONITOR COMMENTS:

SITE ID: 42-119-0001

COUNTY: (119) Union

CITY: (00000) Not in a city

(43839) cis-1,2-Dichloroethene

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

UNITS: Parts per billion Carbon

MIN DETECTABLE:

DURATION: 24 HOUR

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | 0.0 | AF | .00 ND | | | | | | | |
| 6 7 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | | AF | | | | .00 ND | .00 ND | | | | | |
| 11 | .00 ND | | | AF | .00 ND | | | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 16 | | .00 DI | | | | .00 ND | .00 ND | .00 ND | | | | |
| 17 | .00 ND | .00 DI | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 25 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 25 26 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 27 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| ANNUAI | OBSERVATIONS | 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43839) cis-1,2-Dichloroethene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

URBANIZED AREA: (0000) NOT IN AN URBAN AREA LAND USE: RESIDENTIAL UTM EASTING: LOCATION SETTING: SUBURBAN ELEVATION-MSL: 150 PROBE HEIGHT: 3

DURATION: 24 HOUR REPORT FOR: 2015

(195) CENTRAL PENNSYLVANIA

UNITS: Parts per billion Carbon

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

156-59-2

40.95517

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|---------|-------------|---------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | 00.375 | .00 ND | | 0.0 177 | 00.375 | .00 ND | .00 ND | | | | | |
| 6 7 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 8 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | .00 ND | .00 ND |
| 10 | | | | | | | | .00 ND | | | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 21 | | | | | | | | | .00 ND | .00 ND | .00 ND | AS |
| 22 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 24 | .00 ND | .00 112 | | .00 ND | .00 ND | .00 112 | .00 112 | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .09 SQ | .00 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .09 | 0.00 | 0.00 | 0.00 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .030 | 0.000 | 0.000 | 0.000 |
| ANNUAI | L OBSERVATIONS: | 51 | ANNUAL MEAN: | .002 | ANNUAL MAX: | .09 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 106-93-4 LATITUDE: 40.95517 LONGITUDE: -76.88189

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA

CITY: (00000) Not in a city

(43843) Ethylene dibromide

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | 00.375 | | | | | 00.370 | AF | | | | |
| 15 16 | .00 ND | .00 ND | | .00 ND | .00 ND | AF | .00 ND | | | | | |
| 17 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | 15 | .00 ND |
| 20 | | | | | | | | .00 ND | .00 112 | .00 112 | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

CAS NUMBER: 106-93-4
LATITUDE: 40.95517

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

(43843) Ethylene dibromide

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

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

MONITOR TYPE: SPM

REPORT FOR: 2014 DURATION: 24 HOUR

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | 3.5 | | | | 00 ND | 0.0 MD | .00 ND | | | | |
| 10 11 | .00 ND | AF | | AF | .00 ND | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | .00 ND | Ar | .00 ND | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 23 24 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 10 | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | .00 110 | .00 1.5 |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| ANNUAI | OBSERVATIONS: | 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL:

PROBE HEIGHT:

106-93-4

150

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: -76.88189 (42) Pennsylvania LONGITUDE:

COUNTY: (119) Union

(43843) Ethylene dibromide

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

DURATION: 24 HOUR 2015 MONITOR TYPE: SPM REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE: (0851) Pennsylvania Department Of Environmental Protection

MONTH Day JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER .00 ND 2 AF .00 ND 3 .00 ND AS 4 .00 ND 5 .00 ND .00 ND .00 ND .00 ND .00 ND .00 ND 7 .00 ND 8 .00 ND .00 ND 9 .00 ND AS 10 .00 ND 11 .00 ND .00 ND .00 ND 12 .00 ND .00 ND AF 13 .00 ND 14 .00 ND AS 15 AS .00 ND 16 .00 ND 17 .00 ND .00 ND .00 ND 18 .00 ND .00 ND .00 ND 19 .00 ND 20 .00 ND AS 21 .00 ND .00 ND 22 .00 ND 23 .00 ND .00 ND .00 ND 24 .00 ND .00 ND .00 ND 25 .00 ND 26 .00 ND .00 ND 27 .00 ND .00 ND 28 AS 29 .00 ND .00 ND 30 AF .00 ND .00 ND 31 .00 ND 5 NO.: 4 4 5 4 3 3 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 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: ANNUAL OBSERVATIONS: 51 ANNUAL MEAN: 0.000 ANNUAL MAX:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

COUNTY: (119) Union

CITY: (00000) Not in a city

(43844) Hexachlorobutadiene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

CAS NUMBER:

LATITUDE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

87-68-3

40.95517

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .00 ND | | | | AF | .00 ND | | | | | |
| 16 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 17 | | | .00 ND | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | 00 200 | .00 ND | .00 ND | | |
| 20 21 | | .00 ND | | | | AF | TS | .00 ND | | | | |
| 22 | .00 ND | .00 ND | | .00 ND | .00 ND | AF | 15 | | | | | |
| 23 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | *** |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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 |
| | | | | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 2.000 |
| ANNUAL | OBSERVATIONS: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43844) Hexachlorobutadiene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

REPORT FOR: 2014 MONITOR TYPE: SPM

UNITS: Parts per billion Carbon MIN DETECTABLE:

Jul. 3, 2019

87-68-3

40.95517

-76.88189

CAS NUMBER:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

LATITUDE:

UTM ZONE:

DURATION: 24 HOUR

| | MONTH | | | | | | | | | | | |
|-------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | | AF | | | | .00 ND | .00 ND | | | | | |
| 11 | .00 ND | | | AF | .00 ND | | | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | 00 | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | 00.175 |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| ANNUA | L OBSERVATIONS | : 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |
| | | | | | | | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania -76.88189 LONGITUDE:

COUNTY: (119) Union

(43844) Hexachlorobutadiene

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2015 MONITOR TYPE: SPM REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

87-68-3

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | 00.375 | 00.375 |
| 8 9 | | | | | | | | | AS | .00 ND | .00 ND | .00 ND |
| 10 | | | | | | | | .00 ND | AS | .00 ND | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 12 | .00 ND | .00 ND | | .00 ND | AF | .00 ND | .00 ND | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 25 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 26 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 28 | | | | | | | | AS | .00 112 | .00 112 | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania -76.88189 LONGITUDE:

COUNTY: (119) Union

(43852) Dichlorotetrafluoroethane

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

1320-37-2

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|----------|-------------|---------|---------|---------|-----------|---------|----------|---------------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .000 ND | .000 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .000 ND | | | | .000 ND | .000 ND | | | | | |
| 4 | .000 ND | | | .000 ND | .000 ND | | | | | | | |
| 5 | | | .000 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .000 ND | .000 ND |
| 7 | | | | | | | | | .000 ND | .000 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .000 ND | | | | .000 ND | .000 ND | | | | | |
| 10 | .000 ND | | | .000 ND | .000 ND | | | | | | | |
| 11 | | | .000 ND | | | | | | | | | |
| 12 | | | | | | | | | 000 277 | 222 | .000 ND | .000 ND |
| 13 14 | | | | | | | | AF | .000 ND | .000 ND | | |
| 15 | | .000 ND | | | | AF | .000 ND | Ar | | | | |
| 16 | .000 ND | .000 ND | | .000 ND | .000 ND | Ar | .000 ND | | | | | |
| 17 | .000 112 | | .000 ND | .000 112 | .000 112 | | | | | | | |
| 18 | | | | | | | | | | | TS | .000 ND |
| 19 | | | | | | | | | .000 ND | .000 ND | | |
| 20 | | | | | | | | .000 ND | | | | |
| 21 | | .000 ND | | | | AF | TS | | | | | |
| 22 | .000 ND | | | .000 ND | .000 ND | | | | | | | |
| 23 | | | .000 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .000 ND | .000 ND | | |
| 26 27 | | AF | | | | A E | .000 ND | .000 ND | | | | |
| 28 | .000 ND | AF | | .000 ND | TS | AF | .000 ND | | | | | |
| 29 | .000 ND | | .000 ND | .000 ND | 15 | | | | | | | |
| 30 | | | .000 112 | | | | | | | | .000 ND | .078 5 |
| 31 | | | | | | | | | | .000 ND | | |
| | _ | | _ | - | | | | - | - | | - | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .078 .0195 |
| MEAN: | | | 0.0000 | 0.0000 | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | .0173 |
| ANNUAI | L OBSERVATIONS: | 49 | ANNUAL MEAN: | .0016 | ANNUAL MAX: | .078 | | | | | | |

LAND USE: RESIDENTIAL

LOCATION SETTING:

AIR QUALITY SYSTEM

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania -76.88189 LONGITUDE:

COUNTY: (119) Union

(43852) Dichlorotetrafluoroethane

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2014 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

1320-37-2

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|-------------|----------|-------------|---------|---------|---------|-----------|----------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .000 ND | .000 ND |
| 2 | | | | | | | | | .000 ND | .000 ND | | |
| 3 | | | | | | | | .000 ND | | | | |
| 4 | | .000 ND | | | | AF | .044 SQ | | | | | |
| 5 | .000 ND | | | AF | .043 SQ | | | | | | | |
| 6 | | | .000 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .000 ND | .000 ND |
| 8 | | | | | | | | | .000 ND | .000 ND | | |
| 9 | | | | | | | | .000 ND | | | | |
| 10 | | AF | | | | .000 ND | .000 ND | | | | | |
| 11 | .000 ND | | | AF | .000 ND | | | | | | | |
| 12 | | | .056 SQ | | | | | | | | | |
| 13 | | | | | | | | | | | .000 ND | .000 ND |
| 14 | | | | | | | | | .000 ND | .000 ND | | |
| 15 | | | | | | | | .000 ND | | | | |
| 16 | | .000 DI | | | | .000 ND | .043 SQ | | | | | |
| 17 | .000 ND | | | .000 ND | .000 ND | | | | | | | |
| 18 | | | .000 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .000 ND | .000 ND |
| 20 | | | | | | | | | .000 ND | .000 ND | | |
| 21 | | 000 175 | | | | 000 277 | 000 277 | .000 ND | | | | |
| 22 23 | .000 ND | .000 ND | | 0.47 .00 | .000 ND | .000 ND | .000 ND | | | | | |
| 23 | .000 עמ | | .000 ND | .047 SQ | .UUU UUU. | | | | | | | |
| 25 | | | .000 ND | | | | | | | | .000 ND | .000 ND |
| 26 | | | | | | | | | .000 ND | .000 ND | .000 ND | .000 ND |
| 27 | | | | | | | | .000 ND | .000 115 | .000 112 | | |
| 28 | | AS | | | | .000 ND | .000 ND | .000 MD | | | | |
| 29 | TS | ~ | | .043 SQ | .000 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .000 ND |
| | _ | _ | | | _ | | _ | _ | _ | | _ | |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 0.000 | 0.000 | .056 | .047 | .043 | 0.000 | .044 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| MEAN: | 0.0000 | 0.0000 | .0140 | .0300 | .0086 | 0.0000 | .0174 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| ANNUA | L OBSERVATIONS | 54 | ANNUAL MEAN | .0051 | ANNUAL MAX: | .056 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania -76.88189 LONGITUDE:

COUNTY: (119) Union

(43852) Dichlorotetrafluoroethane

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2015

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

1320-37-2

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|---------|-------------|---------|---------|---------|-----------|----------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .000 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .000 ND |
| 3 | | | | | | | | | .000 ND | AS | | |
| 4 | | | | | | | | .000 ND | | | | |
| 5 | | .000 ND | | | | .000 ND | .000 ND | | | | | |
| 6 | .000 ND | | | .000 ND | .000 ND | | | | | | | |
| 7 | | | .000 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .000 ND | .000 ND |
| 9 | | | | | | | | | AS | .000 ND | | |
| 10 | | | | | | | | .000 ND | | | | |
| 11 | 000 MD | .000 ND | | 000 MD | 3.0 | .000 ND | .000 ND | | | | | |
| 12 13 | .000 ND | | .000 ND | .000 ND | AF | | | | | | | |
| 14 | | | .000 ND | | | | | | | | .000 ND | AS |
| 15 | | | | | | | | | AS | .000 ND | .000 ND | no |
| 16 | | | | | | | | .000 ND | 110 | .000 112 | | |
| 17 | | .000 ND | | | | .000 ND | .000 ND | | | | | |
| 18 | .000 ND | | | .000 ND | .000 ND | | | | | | | |
| 19 | | | .000 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .000 ND | AS |
| 21 | | | | | | | | | .000 ND | .000 ND | | |
| 22 | | | | | | | | .000 ND | | | | |
| 23 | | .000 ND | | | | .000 ND | .000 ND | | | | | |
| 24 | .000 ND | | | .000 ND | .000 ND | | | | | | | |
| 25 | | | .000 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .000 ND | .000 ND |
| 27 | | | | | | | | | .000 ND | .000 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | 000 277 | 000 175 | .000 ND | .000 ND | | | | | |
| 30 31 | AF | | .000 ND | .000 ND | .000 ND | | | | | | | |
| 31 | | | .000 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| MEAN: | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| ANNUAI | OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.0000 | ANNUAL MAX: | 0.000 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43860) Vinyl chloride

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

LAND USE: RESIDENTIAL UTM EASTING: LOCATION SETTING: SUBURBAN ELEVATION-MSL: 150 PROBE HEIGHT: 3

DURATION: 24 HOUR 2013 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

UNITS: Parts per billion Carbon

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

75-01-4

40.95517

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 15 | | .00 ND | | | | AF | .00 ND | AF | | | | |
| 16 | .00 ND | .00 ND | | .00 ND | .00 ND | Ar | .00 ND | | | | | |
| 17 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | 00 MD | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

2014

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

REPORT FOR:

Jul. 3, 2019

CAS NUMBER: 75-01-4 LATITUDE: 40.95517 LONGITUDE: -76.88189

ELEVATION-MSL: 150

PROBE HEIGHT: 3

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(43860) Vinyl chloride

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR

UNITS: Parts per billion Carbon

UTM ZONE:

UTM NORTHING:

UTM EASTING:

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|---------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | | AF | | | | .00 ND | .00 ND | | | | | |
| 11 | .00 ND | | | AF | .00 ND | | | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 15 16 | | .00 DI | | | | .00 ND | .00 ND | .00 ND | | | | |
| 17 | .00 ND | .00 DI | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 18 | .00 142 | | .00 ND | .00 142 | .00 110 | | | | | | | |
| 19 | | | .00 112 | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| ANNUAI | OBSERVATIONS: | 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

STATE: (42) Pennsylvania

(195) CENTRAL PENNSYLVANIA

RAW DATA REPORT Jul. 3, 2019

(43860) Vinyl chloride SITE ID: 42-119-0001 POC: 2

COUNTY: (119) Union

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

LAND USE: RESIDENTIAL UTM EASTING: LOCATION SETTING: SUBURBAN

URBANIZED AREA: (0000) NOT IN AN URBAN AREA UTM NORTHING:

ELEVATION-MSL: 150 PROBE HEIGHT: 3

75-01-4

40.95517

-76.88189

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

DURATION: 24 HOUR REPORT FOR: 2015

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|---------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 | | | | | | | | .00 ND | | | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 15 | | | | | | | | | 3.0 | 00.370 | .00 ND | AS |
| 16 | | | | | | | | .00 ND | AS | .00 ND | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 18 | .00 ND | .00 145 | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 19 | .00 112 | | .00 ND | .00 112 | .00 112 | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 2.2 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2

SIIE ID: 42=119=0001 POC: 2

COUNTY: (119) Union

CITY: (00000) Not in a city

(45109) m/p Xylene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM REPORT FOR: 2013

REPORT FOR: 2013

UNITS: Parts per billion Carbon

SUBURBAN

MIN DETECTABLE:

CAS NUMBER:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

DURATION: 24 HOUR

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|--------|---------|---------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .48 SQ | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | 1.09 | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .00 ND | | | | AF | .00 ND | | | | | |
| 16 | 1.06 SQ | | | .00 ND | .00 ND | | | | | | | |
| 17 | | | .00 ND | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .34 SQ |
| 19 | | | | | | | | | .75 SQ | .69 SQ | | |
| 20 | | | | | | | | 3.72 5 | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | .00 ND | .00 ND | .92 SQ | | | | | | | |
| 23 24 | | | .00 ND | | | | | | | | AF | AF |
| 25 | | | | | | | | | .96 | .00 ND | Ar | Ar |
| 26 | | | | | | | | .00 ND | . 50 | .00 ND | | |
| 27 | | AF | | | | AF | .00 ND | .00 142 | | | | |
| 28 | .00 ND | *** | | .00 ND | TS | *** | .00 112 | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .26 SQ | .00 ND |
| 31 | | | | | | | | | | .43 SQ | _ | |
| | _ | _ | _ | | | | _ | _ | _ | | _ | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 1.06 | 0.00 | 0.00 | 0.00 | 1.09 | 0.00 | 0.00 | 3.72 | .96 | .69 | .48 | .34 |
| MEAN: | .212 | 0.000 | 0.000 | 0.000 | .503 | 0.000 | 0.000 | 1.860 | .342 | .187 | .247 | .085 |
| ANNUA | L OBSERVATIONS | : 49 | ANNUAL MEAN: | .218 | ANNUAL MAX: | 3.72 | | | | | | |

RAW DATA REPORT

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(45109) m/p Xylene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM 2014 REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

DURATION: 24 HOUR

CAS NUMBER: LATITUDE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|---------|---------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .92 SQ |
| 2 | | | | | | | | | .64 SQ | 1.00 SQ | | |
| 3 | | | | | | | | .82 SQ | | | | |
| 4 | | 1.02 SQ | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .58 SQ | .00 ND | | |
| 9 | | | | | | | | .86 SQ | | | | |
| 10 | | AF | | | | .00 ND | 1.36 SQ | | | | | |
| 11 | 1.08 SQ | | 86.00 | AF | .00 ND | | | | | | | |
| 12 13 | | | .76 SQ | | | | | | | | 0.0 ND | 41 00 |
| 14 | | | | | | | | | .00 ND | .47 SQ | .00 ND | .41 SQ |
| 15 | | | | | | | | .69 SQ | .00 ND | .47 50 | | |
| 16 | | .00 DI | | | | .53 SQ | .66 SQ | .05 50 | | | | |
| 17 | .60 SQ | .00 21 | | .00 ND | .00 ND | .33 50 | .00 00 | | | | | |
| 18 | | | .54 SQ | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .53 SQ | | |
| 21 | | | | | | | | .77 SQ | | | | |
| 22 | | .00 ND | | | | .00 ND | 1.62 SQ | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .92 SQ | .00 ND | | |
| 27 28 | | AS | | | | .00 ND | .00 ND | 1.01 SQ | | | | |
| 28 29 | TS | MD | | .00 ND | .00 ND | .UU ND | .UU ND | | | | | |
| 30 | 15 | | AF | .00 ND | .00 ND | | | | | | | |
| 31 | | | PIL . | | | | | | | | | .00 ND |
| | | | | | | | | | | | | |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 1.08 | 1.02 | .76 | 0.00 | 0.00 | .53 | 1.62 | 1.01 | .92 | 1.00 | 0.00 | .92 |
| MEAN: | .420 | .340 | .325 | 0.000 | 0.000 | .133 | .728 | .830 | .428 | .400 | 0.000 | .222 |
| ANNUAL | OBSERVATIONS | 54 | ANNUAL MEAN: | .329 | ANNUAL MAX: | 1.62 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(45109) m/p Xylene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM 2015 REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER: LATITUDE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|--------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .48 SQ | | | | | | | | | |
| 2 | | | | | | | | | | | AF | 1.04 SQ |
| 3 | | | | | | | | | .88 SQ | AS | | |
| 4 | | | | | | | | .42 SQ | | | | |
| 5 | | .00 ND | | | | .00 ND | .45 SQ | | | | | |
| 6 | .90 SQ | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .50 SQ |
| 9 | | | | | | | | 40 | AS | .41 SQ | | |
| 10 11 | | .52 SQ | | | | .54 SQ | 2.80 5 | .40 SQ | | | | |
| 12 | 1.34 SQ | .52 SQ | | .00 ND | AF | .54 SQ | 2.80 5 | | | | | |
| 13 | 1.54 50 | | .00 ND | .00 ND | Ar | | | | | | | |
| 14 | | | .00 ND | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .76 SQ | | | | |
| 17 | | .45 SQ | | | | .62 SQ | 2.00 5 | | | | | |
| 18 | .52 SQ | | | .00 ND | .43 SQ | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .96 SQ | .65 SQ | | |
| 22 | | | | | | | | .48 SQ | | | | |
| 23 | | .00 ND | | | | .62 SQ | 1.36 SQ | | | | | |
| 24 | .66 SQ | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .33 SQ | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | 3.0 | .00 ND | 1.68 5 | | |
| 28 29 | | | | | | .59 SQ | 1.28 SQ | AS | | | | |
| 30 | AF | | | .51 SQ | .00 ND | .59 SQ | 1.28 SQ | | | | | |
| 31 | Ar | | .00 ND | .51 50 | .00 ND | | | | | | | |
| 31 | | | | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | 1.34 | .52 | .48 | .51 | . 43 | .62 | 2.80 | .76 | .96 | 1.68 | 0.00 | 1.04 |
| MEAN: | .855 | .243 | .135 | .102 | .108 | . 474 | 1.578 | .515 | .613 | .685 | 0.000 | .513 |
| ANNUA | L OBSERVATIONS | 51 | ANNUAL MEAN: | .482 | ANNUAL MAX: | 2.80 | | | | | | |

RAW DATA REPORT

Jul. 3, 2019

LATITUDE: 40.95517 LONGITUDE: STATE: (42) Pennsylvania -76.88189

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

71-43-2

SITE ID: 42-119-0001

COUNTY: (119) Union

CITY: (00000) Not in a city

(45201) Benzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 MONITOR TYPE: SPM REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

SUBURBAN

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: RESIDENTIAL

LOCATION SETTING:

| | MONTH | | | | | | | | | | | |
|--------|----------------|----------|--------------|---------|-------------|---------|---------|---------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .708 SQ | .750 | | |
| 2 | | | | | | | | AF | .,,,, | .,,,, | | |
| 3 | | 1.698 | | | | .486 SQ | .414 SQ | | | | | |
| 4 | .762 | | | .798 | .702 SQ | | ~ | | | | | |
| 5 | | | 1.206 | | | | | | | | | |
| 6 | | | | | | | | | | | 1.146 | 1.182 |
| 7 | | | | | | | | | .792 | .000 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | 1.200 | | | | .774 | .570 SQ | | | | | |
| 10 | 1.620 | | | .594 SQ | .882 | | | | | | | |
| 11 | | | .852 | | | | | | | | | |
| 12 | | | | | | | | | | | .594 SQ | .912 |
| 13 | | | | | | | | | .396 SQ | .666 SQ | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | 1.392 | | | | AF | .594 SQ | | | | | |
| 16 | 1.932 | | | .636 SQ | .756 | | | | | | | |
| 17 | | | 1.320 | | | | | | | | | |
| 18 | | | | | | | | | | | TS | 2.148 5 |
| 19 | | | | | | | | | .888 | 1.218 | | |
| 20 | | | | | | | | .882 | | | | |
| 21 | | 1.050 | | | | AF | TS | | | | | |
| 22 | 1.038 | | | .978 | .510 SQ | | | | | | | |
| 23 | | | .774 | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .732 | .594 SQ | | |
| 26 | | | | | | | | .516 SQ | | | | |
| 27 | | AF | | | | AF | .642 SQ | | | | | |
| 28 | 1.386 | | | 1.146 | TS | | | | | | | |
| 29 | | | .858 | | | | | | | | | |
| 30 | | | | | | | | | | | 1.662 | .880 |
| 31 | | | | | | | | | | 1.224 | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 1.932 | 1.698 | 1.320 | 1.146 | .882 | .774 | .642 | .882 | .888 | 1.224 | 1.662 | 2.148 |
| MEAN: | 1.3476 | 1.3350 | 1.0020 | .8304 | .7125 | .6300 | .5550 | .6990 | .7032 | .7420 | 1.1340 | 1.2805 |
| ANNUAI | L OBSERVATIONS | : 49 | ANNUAL MEAN: | .9278 | ANNUAL MAX: | 2.148 | | | | | | |

RAW DATA REPORT

Jul. 3, 2019

LATITUDE: 40.95517 STATE: (42) Pennsylvania -76.88189 LONGITUDE:

(195) CENTRAL PENNSYLVANIA URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: RESIDENTIAL

LOCATION SETTING: SUBURBAN UTM EASTING: ELEVATION-MSL: 150

PROBE HEIGHT: 3

71-43-2

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

MONITOR COMMENTS:

(45201) Benzene

CITY: (00000) Not in a city

SITE ID: 42-119-0001

COUNTY: (119) Union

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

SITE COMMENTS:

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

DURATION: 24 HOUR 2014 REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|---------|-------------|---------|---------|---------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .584 SQ | 3.094 5 |
| 2 | | | | | | | | | .583 SQ | .694 SQ | | |
| 3 | | | | | | | | .986 | | | | |
| 4 | | 2.429 5 | | | | AF | .328 SQ | | | | | |
| 5 | 2.933 5 | | | AF | .934 | | | | | | | |
| 6 | | | 1.448 | | | | | | | | | |
| 7 | | | | | | | | | | | .624 SQ | .797 |
| 8 | | | | | | | | | .539 SQ | .436 SQ | | |
| 9 | | | | | | | | .943 | | | | |
| 10 | | AF | | | | .739 | .642 SQ | | | | | |
| 11 | 1.988 | | | AF | .412 SQ | | | | | | | |
| 12 | | | 2.125 5 | | | | | | | | | |
| 13 | | | | | | | | | 407. 00 | 460.00 | .871 | 1.174 |
| 14 15 | | | | | | | | .444 SQ | .497 SQ | .469 SQ | | |
| 16 | | 1.431 DI | | | | .947 | .571 SQ | .444 SQ | | | | |
| 17 | 1.780 | 1.151 D1 | | .986 | .487 SQ | .517 | .571 50 | | | | | |
| 18 | 11,700 | | 1.472 | .,,,, | .10, 52 | | | | | | | |
| 19 | | | | | | | | | | | .849 | .767 |
| 20 | | | | | | | | | .474 SQ | .911 | | |
| 21 | | | | | | | | .580 SQ | | | | |
| 22 | | 1.106 | | | | .644 SQ | 1.059 | | | | | |
| 23 | 1.257 | | | .614 SQ | .391 SQ | | | | | | | |
| 24 | | | .968 | | | | | | | | | |
| 25 | | | | | | | | | | | .898 | 1.045 |
| 26 | | | | | | | | | .710 SQ | .515 SQ | | |
| 27 | | | | | | | | .775 | | | | |
| 28 | | AS | | | 455 00 | .430 SQ | .457 SQ | | | | | |
| 29 | TS | | | .773 | .455 SQ | | | | | | | |
| 30 31 | | | AF | | | | | | | | | .857 |
| 31 | | | | | | | | | | | | .857 |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 2.933 | 2.429 | 2.125 | .986 | .934 | .947 | 1.059 | .986 | .710 | .911 | .898 | 3.094 |
| MEAN: | 1.9895 | 1.6553 | 1.5033 | .7910 | .5358 | .6900 | .6114 | .7456 | .5606 | .6050 | .7652 | 1.2890 |
| ANNUAL | OBSERVATIONS: | 54 | ANNUAL MEAN: | .9430 | ANNUAL MAX: | 3.094 | | | | | | |

STATE:

(42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2

COUNTY: (119) Union

CITY: (00000) Not in a city

(45201) Benzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM 2015 REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

LONGITUDE:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

71-43-2

40.95517

-76.88189

MONTH Day JANUARY FEBRUARY MARCH APRIL MAY THINE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER 2.127 5 2 AF 2.040 3 1.020 AS 4 .402 SO 5 1.334 .336 SO .840 1.667 .720 .516 SQ 7 1.182 8 .780 CC 2.340 5 9 .720 AS 10 .456 SQ 11 1.696 .900 .900 12 2.516 5 .720 AF 13 1.616 14 .552 SQ AS 15 AS .438 SQ 16 .720 17 1.931 .540 SQ .840 18 1.564 .660 SQ .840 19 .992 20 .780 AS 21 .558 SO 1.080 22 .660 SQ 23 1.169 .420 SQ .534 SQ 24 1.936 .414 SO .780 25 1.380 26 1.140 .720 27 .570 SQ 1.680 28 AS 29 .660 SO .444 SQ 30 AF .594 SQ .336 SQ 31 .660 SQ 5 NO.: 6 4 5 5 3 3 2.516 1.931 2.127 .720 .840 .900 .900 .720 1.020 1.680 1.140 2.340 MAX: 1.9208 1.5325 1.3262 .6216 .6180 .5280 .7548 .5595 .7160 .9795 .8130 1.7000 MEAN: ANNUAL OBSERVATIONS: 51 ANNUAL MEAN: .9886 ANNUAL MAX:

RAW DATA REPORT

UTM ZONE:

UTM NORTHING:

Jul. 3, 2019 (45202) Toluene CAS NUMBER: 108-88-3

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189 COUNTY: (119) Union

(195) CENTRAL PENNSYLVANIA CITY: (00000) Not in a city URBANIZED AREA: (0000) NOT IN AN URBAN AREA SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

LAND USE: RESIDENTIAL UTM EASTING: SITE COMMENTS: LOCATION SETTING: SUBURBAN ELEVATION-MSL: 150 MONITOR COMMENTS: PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR 2013 MONITOR TYPE: SPM REPORT FOR:

UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|---------|----------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | 1.48 | 1.64 | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | 1.17 | | | | .62 SQ | 1.56 | | | | | |
| 4 | .00 ND | | | 1.11 | 1.54 | | | | | | | |
| 5 | | | .74 SQ | | | | | | | | | |
| 6 | | | | | | | | | | | 2.07 | 1.20 |
| 7 | | | | | | | | | 1.42 | .60 SQ | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | 1.49 | | | | 1.21 | 1.73 | | | | | |
| 10 | 1.54 | | | .78 SQ | 1.81 | | | | | | | |
| 11 | | | 1.30 | | | | | | | | | |
| 12 | | | | | | | | | | | .53 SQ | .69 SQ |
| 13 | | | | | | | | | .88 | 1.02 | | |
| 14 | | | | | | | | AF | | | | |
| 15 16 | 2.28 | 1.23 | | 2.46 | 1.30 CC | AF | 1.76 | | | | | |
| 17 | 2.28 | | .70 SQ | 2.40 | 1.30 CC | | | | | | | |
| 18 | | | .70 SQ | | | | | | | | TS | 1.72 |
| 19 | | | | | | | | | 2.63 | 1.82 | 15 | 1.72 |
| 20 | | | | | | | | 103.99 5 | 2.03 | 1.02 | | |
| 21 | | .55 SQ | | | | AF | TS | | | | | |
| 22 | .63 SQ | | | 1.30 | 2.30 | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | 2.95 | .58 SQ | | |
| 26 | | | | | | | | 1.30 | | | | |
| 27 | | AF | | | | AF | 1.60 CC | | | | | |
| 28 | 1.47 | | | 1.57 | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | 1.67 | .68 SQ |
| 31 | | | | | | | | | | 3.05 | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 2.28 | 1.49 | 1.30 | 2.46 | 2.30 | 1.21 | 1.76 | 103.99 | 2.95 | 3.05 | 2.07 | 1.72 |
| MEAN: | 1.184 | 1.110 | .548 | 1.444 | 1.738 | .915 | 1.663 | 52.645 | 1.872 | 1.452 | 1.423 | 1.073 |
| ANNUAL | OBSERVATIONS | 49 | ANNUAL MEAN: | 3.422 | ANNUAL MAX: | 103.99 | | | | | | |

RAW DATA REPORT

Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2

COUNTY: (119) Union

CITY: (00000) Not in a city

(45202) Toluene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

LATITUDE: 40.95517 LONGITUDE: STATE: (42) Pennsylvania -76.88189 (195) CENTRAL PENNSYLVANIA UTM ZONE:

URBANIZED AREA: (0000) NOT IN AN URBAN AREA UTM NORTHING: LAND USE: RESIDENTIAL UTM EASTING: LOCATION SETTING: SUBURBAN ELEVATION-MSL: 150 PROBE HEIGHT: 3

DURATION: 24 HOUR 2014 REPORT FOR:

UNITS: Parts per billion Carbon

CAS NUMBER:

108-88-3

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|-------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .75 SQ | 2.96 |
| 2 | | | | | | | | | 1.36 | 1.93 | | |
| 3 | | | | | | | | 1.82 | | | | |
| 4 | | 2.41 | | | | AF | .63 SQ | | | | | |
| 5 | 1.96 | | | AF | 45.28 5 | | | | | | | |
| 6 7 | | | 1.10 | | | | | | | | F0 G0 | F3 G0 |
| 8 | | | | | | | | | 1.46 | .57 SQ | .59 SQ | .53 SQ |
| 9 | | | | | | | | 1.64 | 1.10 | .57 30 | | |
| 10 | | AF | | | | 1.55 | 1.87 | 2.01 | | | | |
| 11 | 1.99 | | | AF | .65 SQ | | | | | | | |
| 12 | | | 2.00 | | | | | | | | | |
| 13 | | | | | | | | | | | .91 | 1.45 |
| 14 | | | | | | | | | .69 SQ | 1.01 | | |
| 15 | | | | | | | | .63 SQ | | | | |
| 16 | | .82 DI | | | | 2.46 | 1.37 | | | | | |
| 17 | 1.92 | | | 3.03 | .57 SQ | | | | | | | |
| 18 | | | 1.75 | | | | | | | | | |
| 19 | | | | | | | | | 1 50 | 1 42 | .99 | .94 |
| 20 21 | | | | | | | | 1.80 | 1.52 | 1.43 | | |
| 22 | | .81 | | | | 1.08 | 6.94 5 | 1.00 | | | | |
| 23 | .91 | .01 | | .44 SQ | .86 | 1.00 | 0.71 3 | | | | | |
| 24 | | | .51 SQ | .11 02 | . 00 | | | | | | | |
| 25 | | | | | | | | | | | .90 | 1.32 |
| 26 | | | | | | | | | 1.77 | .41 SQ | | |
| 27 | | | | | | | | 2.05 | | | | |
| 28 | | AS | | | | 1.13 | .58 SQ | | | | | |
| 29 | TS | | | 1.21 | 1.96 | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .74 SQ |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 1.99 | 2.41 | 2.00 | 3.03 | 45.28 | 2.46 | 6.94 | 2.05 | 1.77 | 1.93 | .99 | 2.96 |
| MEAN: | 1.695 | 1.347 | 1.340 | 1.560 | 9.864 | 1.555 | 2.278 | 1.588 | 1.360 | 1.070 | .828 | 1.323 |
| ANNUAL | OBSERVATIONS | 54 | ANNUAL MEAN: | 2.221 | ANNUAL MAX: | 45.28 | | | | | | |
| | | | | | | | | | | | | |

RAW DATA REPORT Jul. 3, 2019

(45202) Toluene CAS NUMBER: 108-88-3 LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

UTM ZONE:

UTM NORTHING:

PROBE HEIGHT: 3

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA LAND USE: RESIDENTIAL UTM EASTING: SITE COMMENTS: ELEVATION-MSL: 150

LOCATION SETTING: SUBURBAN MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR 2015 MONITOR TYPE: SPM REPORT FOR:

UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO MIN DETECTABLE:

(0851) Pennsylvania Department Of Environmental Protection

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|-------|-------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | 1.92 | | | | | | | | | |
| 2 | | | | | | | | | | | AF | 3.01 |
| 3 | | | | | | | | | 1.54 | AS | | |
| 4 | | | | | | | | 1.19 | | | | |
| 5 | | .96 | | | | 1.19 | 1.26 | | | | | |
| 6 | 1.57 | | | .84 | .77 SQ | | | | | | | |
| 7 | | | 1.04 | | | | | | | | | |
| 8 | | | | | | | | | | | .77 SQ | 2.52 |
| 9 | | | | | | | | | AS | 1.54 | | |
| 10 11 | | 1.77 | | | | 1.68 | 1.40 | 2.03 | | | | |
| 12 | 2.75 | 1.// | | .84 | AF | 1.08 | 1.40 | | | | | |
| 13 | 2.75 | | 1.29 | .04 | Ar | | | | | | | |
| 14 | | | 1.27 | | | | | | | | .36 SQ | AS |
| 15 | | | | | | | | | AS | .67 SQ | | |
| 16 | | | | | | | | 1.40 | | | | |
| 17 | | 1.33 | | | | 1.26 | 2.24 | | | | | |
| 18 | 1.77 | | | .91 | 1.54 | | | | | | | |
| 19 | | | .64 SQ | | | | | | | | | |
| 20 | | | | | | | | | | | .69 SQ | AS |
| 21 | | | | | | | | | .91 | 2.31 | | |
| 22 | | | | | | | | 1.05 | | | | |
| 23 | | .72 SQ | | | | 2.10 | 1.19 | | | | | |
| 24 | 1.85 | | | .00 ND | 1.26 | | | | | | | |
| 25 | | | 2.24 | | | | | | | | | |
| 26 | | | | | | | | | 1 10 | 0.50 | 1.26 | .67 SQ |
| 27 28 | | | | | | | | AS | 1.12 | 2.59 | | |
| 28 | | | | | | .98 | 2.31 | AD | | | | |
| 30 | AF | | | 1.19 | 1.33 | . 50 | 2.51 | | | | | |
| 31 | | | .66 SQ | 2.27 | +.~~ | | | | | | | |
| | | | | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | 2.75 | 1.77 | 2.24 | 1.19 | 1.54 | 2.10 | 2.31 | 2.03 | 1.54 | 2.59 | 1.26 | 3.01 |
| MEAN: | 1.985 | 1.195 | 1.298 | .756 | 1.225 | 1.442 | 1.680 | 1.418 | 1.190 | 1.778 | .770 | 2.067 |
| ANNUAL | OBSERVATIONS: | 51 | ANNUAL MEAN: | 1.381 | ANNUAL MAX: | 3.01 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(45203) Ethylbenzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

DURATION: 24 HOUR 2013 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

100-41-4

40.95517

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .17 SQ | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .00 ND | | | | AF | .00 ND | | | | | |
| 16 17 | .37 SQ | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | 15 | .00 ND |
| 20 | | | | | | | | 1.09 5 | .00 ND | .00 ND | | |
| 21 | | .00 ND | | | | AF | TS | 2.00 | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .16 SQ | .00 ND |
| 31 | | | | | | | | | | .20 SQ | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | .37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.09 | 0.00 | .20 | .17 | 0.00 |
| MEAN: | .074 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .545 | 0.000 | .033 | .110 | 0.000 |
| ANNUA | L OBSERVATIONS | 3: 49 | ANNUAL MEAN: | .041 | ANNUAL MAX: | 1.09 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

2014

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

REPORT FOR:

AIR QUALITY SYSTEM
RAW DATA REPORT

RAW DATA REPORT Jul. 3, 2019

CAS NUMBER: 100-41-4

LATITUDE: 40.95517

LONGITUDE: -76.88189

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

UTM NORTHING:

UTM EASTING:

COUNTY: (119) Union

CITY: (00000) Not in a city

(45203) Ethylbenzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

DURATION: 24 HOUR

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .37 SQ |
| 2 | | | | | | | | | .00 ND | .32 SQ | | |
| 3 | | | | | | | | .35 SQ | | | | |
| 4 | | .44 SQ | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | AF | | | | 00.170 | 20.00 | .00 ND | | | | |
| 10 11 | .36 SQ | AF | | AF | .00 ND | .00 ND | .39 SQ | | | | | |
| 12 | .30 30 | | .35 SQ | Ar | .00 ND | | | | | | | |
| 13 | | | .33 50 | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | | | | | | | .18 SQ | | | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .27 SQ | | | | |
| 22 | | .00 ND | | | | .00 ND | .62 5 | | | | | |
| 23 24 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .26 SQ | .00 ND | .00 ND | .00 ND |
| 27 | | | | | | | | .32 SQ | | | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | .36 | .44 | .35 | 0.00 | 0.00 | 0.00 | .62 | .35 | .26 | .32 | 0.00 | .37 |
| MEAN: | .090 | .147 | .088 | 0.000 | 0.000 | 0.000 | .202 | .224 | .052 | .064 | 0.000 | .062 |
| ANNUA | L OBSERVATIONS | 54 | ANNUAL MEAN: | .078 | ANNUAL MAX: | .62 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(45203) Ethylbenzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM 2015 REPORT FOR:

UNITS: Parts per billion Carbon

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

MIN DETECTABLE:

DURATION: 24 HOUR

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

100-41-4

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|---------|-------------|---------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | .00 112 | | | | | | | | AF | .34 SQ |
| 3 | | | | | | | | | .24 SQ | AS | | |
| 4 | | | | | | | | .00 ND | _ | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .29 SQ | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 | | | | | | | | .00 ND | | | | |
| 11 | | .00 ND | | | | .00 ND | .57 SQ | | | | | |
| 12 | .48 SQ | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .52 SQ | | | | | |
| 18 | .21 SQ | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .30 SQ | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | 22 22 | .00 ND | | 00.375 | 00.375 | .00 ND | .29 SQ | | | | | |
| 24 25 | .28 SQ | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 26 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .53 CC | .00 ND | .00 ND |
| 28 | | | | | | | | AS | .00 ND | .55 00 | | |
| 29 | | | | | | .00 ND | .38 SQ | AD | | | | |
| 30 | AF | | | .00 ND | .00 ND | .00 112 | .50 00 | | | | | |
| 31 | | | .00 ND | .00 112 | .00 112 | | | | | | | |
| | | | | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | .48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .57 | 0.00 | .30 | .53 | 0.00 | .34 |
| MEAN: | .315 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .352 | 0.000 | .180 | .133 | 0.000 | .113 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | .087 | ANNUAL MAX: | .57 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(45204) o-Xylene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

95-47-6

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | .00 112 | .00 112 | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .22 SQ | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .38 SQ | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .00 ND | | | | AF | .00 ND | | | | | |
| 16 | .30 SQ | | | .00 ND | .00 ND | | | | | | | |
| 17 | | | .00 ND | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | | | | | | | .88 5 | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | 00.375 | .39 SQ | .00 ND | | |
| 26 27 | | AF | | | | AF | .00 ND | .00 ND | | | | |
| 28 | .00 ND | Ar | | .00 ND | TS | AF | .00 ND | | | | | |
| 29 | .00 ND | | .00 ND | .00 ND | 15 | | | | | | | |
| 30 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .22 SQ | .00 ND | .00 ND |
| 31 | | | | | | | | | | | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | .30 | 0.00 | 0.00 | 0.00 | .38 | 0.00 | 0.00 | .88 | .39 | .22 | .22 | 0.00 |
| MEAN: | .060 | 0.000 | 0.000 | 0.000 | .095 | 0.000 | 0.000 | .440 | .078 | .037 | .073 | 0.000 |
| ANNUAI | L OBSERVATIONS | : 49 | ANNUAL MEAN: | .049 | ANNUAL MAX: | .88 | | | | | | |

RAW DATA REPORT

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2

COUNTY: (119) Union

CITY: (00000) Not in a city

(45204) o-Xylene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2014 REPORT FOR:

UNITS: Parts per billion Carbon

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

95-47-6

40.95517

-76.88189

MIN DETECTABLE:

| | | MONTH | | | | | | | | | | | |
|--|-------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| 2 | Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 2 | 1 | | | | | | | | | | | .00 ND | .34 SQ |
| A | 2 | | | | | | | | | .29 SQ | .42 SQ | | |
| S | 3 | | | | | | | | .41 SQ | | | | |
| C | 4 | | .43 SQ | | | | AF | .00 ND | | | | | |
| | 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 8 | 6 | | | .00 ND | | | | | | | | | |
| 9 | 7 | | | | | | | | | | | .00 ND | .00 ND |
| 10 AF | | | | | | | | | | .28 SQ | .00 ND | | |
| 11 | | | | | | | | | .32 SQ | | | | |
| 12 | | | AF | | | | .00 ND | .54 SQ | | | | | |
| 13 | | .39 SQ | | 20.00 | AF | 2.31 5 | | | | | | | |
| 14 | | | | .38 SQ | | | | | | | | 0.0 ND | 0.0 MD |
| 15 | | | | | | | | | | 0.0 MD | 21 90 | .00 ND | .00 ND |
| 16 | | | | | | | | | 24 50 | .00 ND | .21 50 | | |
| 17 | | | .00 DT | | | | .00 ND | .00 ND | .21 50 | | | | |
| 18 | | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 20 | 18 | | | .00 ND | | | | | | | | | |
| 21 | 19 | | | | | | | | | | | .00 ND | .00 ND |
| 22 | 20 | | | | | | | | | .00 ND | .20 SQ | | |
| 23 | 21 | | | | | | | | .29 SQ | | | | |
| 24 .00 ND 25 .00 ND .00 ND 26 .47 SQ .00 ND 27 .46 SQ 28 AS .00 ND .00 ND 29 TS .00 ND .00 ND 30 AF 31 .00 ND .00 ND NO: 4 3 4 3 4 3 5 4 5 5 5 5 5 5 6 | 22 | | .00 ND | | | | .00 ND | .72 SQ | | | | | |
| 25 | 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 26 | | | | .00 ND | | | | | | | | | |
| 27 28 AS .00 ND .00 ND 29 TS .00 ND .00 ND 30 AF 31 NO: 4 3 4 3 5 4 5 5 5 5 5 6 | | | | | | | | | | | | .00 ND | .00 ND |
| 28 AS .00 ND .00 | | | | | | | | | | .47 SQ | .00 ND | | |
| 29 TS .00 ND .00 ND .00 ND | | | | | | | | | .46 SQ | | | | |
| 30 AF 31 AF | | ma. | AS | | 0.0 MD | 0.0 MD | .00 ND | .00 ND | | | | | |
| 31 NO: 4 3 4 3 5 4 5 5 5 5 6 | | 15 | | λP | .00 ND | .00 ND | | | | | | | |
| NO.: 4 3 4 3 5 4 5 5 5 5 6 | | | | -AL | | | | | | | | | 0.0 MD |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| MAX: .39 .43 .38 0.00 2.31 0.00 .72 .46 .47 .42 0.00 .34 | | | | | | | | | | | | | |
| MEAN: .098 .143 .095 0.000 .462 0.000 .252 .344 .208 .166 0.000 .057 | MEAN: | .098 | .143 | .095 | 0.000 | .462 | 0.000 | . 252 | .344 | .208 | .166 | 0.000 | .057 |
| ANNUAL OBSERVATIONS: 54 ANNUAL MEAN: .161 ANNUAL MAX: 2.31 | ANNUA | L OBSERVATIONS | 54 | ANNUAL MEAN: | .161 | ANNUAL MAX: | 2.31 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(45204) o-Xylene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR 2015 REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

95-47-6

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .22 SQ | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .36 SQ |
| 3 | | | | | | | | | .37 SQ | AS | | |
| 4 | | | | | | | | .22 SQ | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .31 SQ | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .57 SQ |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 11 | | .24 SQ | | | | .00 ND | 1.68 5 | .00 ND | | | | |
| 12 | .52 SQ | .24 SQ | | .00 ND | AF | .00 ND | 1.08 5 | | | | | |
| 13 | .52 50 | | .00 ND | .00 ND | Ar | | | | | | | |
| 14 | | | .00 ND | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .34 SQ | | | | |
| 17 | | .00 ND | | | | .00 ND | .80 SQ | | | | | |
| 18 | .22 SQ | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .34 SQ | .26 SQ | | |
| 22 | | | | | | | | .21 SQ | | | | |
| 23 | | .00 ND | | | | .21 SQ | .80 SQ | | | | | |
| 24 | .28 SQ | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .18 SQ | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | 3.0 | .00 ND | .72 CC | | |
| 28 29 | | | | | | .35 SQ | .65 SQ | AS | | | | |
| 30 | AF | | | .22 SQ | .00 ND | .35 SQ | .05 SQ | | | | | |
| 31 | AL | | .00 ND | .22 50 | .00 ND | | | | | | | |
| 31 | | | | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | .52 | .24 | . 22 | .22 | 0.00 | . 35 | 1.68 | .34 | . 37 | .72 | 0.00 | .57 |
| MEAN: | .333 | .060 | .067 | .044 | 0.000 | .112 | .786 | .193 | .237 | .245 | 0.000 | .310 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | .197 | ANNUAL MAX: | 1.68 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(45207) 1,3,5-Trimethylbenzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR MONITOR TYPE: SPM 2013 REPORT FOR:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

108-67-8

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|---------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | 00 |
| 12 | | | | | | | | | 0.0 200 | 00 200 | .00 ND | .00 ND |
| 13 14 | | | | | | | | AF | .00 ND | .00 ND | | |
| 15 | | .00 ND | | | | AF | .00 ND | Ar | | | | |
| 16 | .00 ND | .00 ND | | .00 ND | .00 ND | nr | .00 ND | | | | | |
| 17 | .00 112 | | .00 ND | .00 115 | .00 1.0 | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | 00 115 | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 30 31 | | | | | | | | | | .00 ND | .00 ND | .00 ND |
| 21 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

COUNTY: (119) Union

CITY: (00000) Not in a city

(45207) 1,3,5-Trimethylbenzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

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

MONITOR TYPE: SPM

REPORT FOR: 2014 DURATION: 24 HOUR
UNITS: Parts per billion Carbon

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

108-67-8

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|--------------|----------------|----------|--------------|---------|-------------|--------|--------|-----------|-----------|-----------|-----------|-----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .26 SQ | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | | AF | | | | .00 ND | .36 SQ | | | | | |
| 11 | .00 ND | | | AF | .00 ND | | | | | | | |
| 12 13 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | .00 MD | .00 ND |
| 15 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | .00 112 | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .35 SQ | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 27 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 28 | | AS | | | | .00 ND | .00 ND | .00 ND | | | | |
| 29 | TS | AD | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 30 | 10 | | AF | .00 112 | .00 112 | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| | | 2 | 4 | 2 | - | | - | - | - | - | - | |
| NO.: MAX: | 0.00 | .26 | 0.00 | 0.00 | 5 0.00 | 0.00 | .36 | 5 0.00 | 5 0.00 | 5 0.00 | 5 0.00 | 6 0.00 |
| MEAN: | 0.000 | .087 | 0.000 | 0.000 | 0.000 | 0.000 | .142 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | | | | 0.000 | 0.000 | 0.000 | 0.000 | 3.000 |
| ANNUAL | J OBSERVATIONS | 54 | ANNUAL MEAN: | .018 | ANNUAL MAX: | .36 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

(45207) 1,3,5-Trimethylbenzene

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

(0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

DURATION: 24 HOUR 2015 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

108-67-8

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|---------|-------------|---------|--------|-------------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .44 SQ | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | 3.0 | 00.370 | .00 ND | .00 ND |
| 9 10 | | | | | | | | .00 ND | AS | .00 ND | | |
| 11 | | .00 ND | | | | .00 ND | 3.60 5 | .00 ND | | | | |
| 12 | .00 ND | .00 ND | | .00 ND | AF | .00 ND | 3.00 5 | | | | | |
| 13 | .00 112 | | .00 ND | .00 112 | *** | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .39 SQ | | | | |
| 17 | | .00 ND | | | | .00 ND | 1.08 | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .89 SQ | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | 0.0 277 | 00.377 |
| 26 27 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 28 | | | | | | | | AS | .00 ND | .00 ND | | |
| 29 | | | | | | .00 ND | .77 SQ | AS | | | | |
| 30 | AF | | | .00 ND | .00 ND | .00 112 | .,, 52 | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| | | | | - | | - | - | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.60 | .39 .098 | .44 | 0.00 | 0.00 | 0.00 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.268 | .098 | .147 | 0.000 | 0.000 | 0.000 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | .141 | ANNUAL MAX: | 3.60 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

COUNTY: (119) Union

CITY: (00000) Not in a city

(45208) 1,2,4-Trimethylbenzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

95-63-6

40.95517

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .40 SQ | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .31 SQ | .20 SQ |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 15 | | .00 ND | | | | AF | .00 ND | AF | | | | |
| 16 | .00 ND | .00 ND | | .00 ND | .00 ND | AF | .00 ND | | | | | |
| 17 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | TS | .24 SQ |
| 19 | | | | | | | | | .59 SQ | .00 ND | | |
| 20 | | | | | | | | .67 SQ | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .58 SQ | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | 04.00 | .00 ND | .00 ND |
| 31 | | | | | | | | | | .24 SQ | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .67 | .59 | .40 | .31 | .24 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .335 | .234 | .107 | .103 | .110 |
| ANNUAL | OBSERVATIONS | 3: 49 | ANNUAL MEAN: | .066 | ANNUAL MAX: | .67 | | | | | | |

STATE:

(42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2

(45208) 1,2,4-Trimethylbenzene

COUNTY: (119) Union

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR 2014 REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

LONGITUDE:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL:

PROBE HEIGHT:

95-63-6

40.95517

-76.88189

150

MONTH Day JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER .00 ND .50 SQ 2 .31 SO .57 SQ 3 1.60 4 .78 SQ .48 SQ AF 5 .19 SO .00 ND AF .00 ND 7 .00 ND .00 ND 8 .44 SQ .00 ND 9 .64 SO 10 .88 SO 2.73 5 AF 11 .28 SO AF .00 ND 12 .00 ND 13 .00 ND .00 ND 14 .00 ND .00 ND 15 .00 ND .00 DI 1.64 1.17 16 17 .21 SQ .00 ND .00 ND 18 .28 SQ 19 .00 ND .00 ND 20 .00 ND .00 ND 21 .00 ND 22 .00 ND 1.04 SO 2.71 5 23 .00 ND .00 ND .00 ND 24 .17 SO 25 .00 ND .00 ND 26 .57 SO .00 ND 27 .49 SQ 28 AS .48 SO .00 ND 29 TS .22 SQ .00 ND 30 AF 31 .00 ND 3 5 5 NO.: 4 3 4 5 4 5 5 6 .28 .78 .28 .22 0.00 1.64 2.73 1.60 .57 .57 0.00 .50 MAX: .170 .260 .113 .073 0.000 1.010 1.418 .546 .264 .114 0.000 .083 MEAN: ANNUAL OBSERVATIONS: 54 ANNUAL MEAN: .340 ANNUAL MAX: 2.73

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

CITY: (00000) Not in a city

(45208) 1,2,4-Trimethylbenzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

DURATION: 24 HOUR 2015 REPORT FOR: UNITS: Parts per billion Carbon

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

95-63-6

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .45 SQ |
| 3 | | | | | | | | | 1.35 | AS | | |
| 4 | | | | | | | | .77 SQ | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .14 SQ | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 | | | | | | | | .54 SQ | | | | |
| 11 | 00.375 | .00 ND | | 40.00 | | .00 ND | 10.80 5 | | | | | |
| 12 13 | .00 ND | | .00 ND | .42 SQ | AF | | | | | | | |
| 14 | | | .00 ND | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | .00 ND | AS |
| 16 | | | | | | | | 1.17 | 110 | .00 112 | | |
| 17 | | .00 ND | | | | .00 ND | 3.87 5 | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .59 SQ | | | | |
| 23 | | .00 ND | | | | .00 ND | 3.24 | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .45 SQ | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .61 SQ |
| 27 | | | | | | | | | .00 ND | .99 CC | | |
| 28 | | | | | | 00.375 | 0.50.5 | AS | | | | |
| 29 30 | AF | | | .00 ND | .00 ND | .00 ND | 2.52 5 | | | | | |
| 31 | AF | | .21 SQ | .00 ND | .00 ND | | | | | | | |
| 31 | | | | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | 0.00 | 0.00 | . 45 | .42 | 0.00 | 0.00 | 10.80 | 1.17 | 1.35 | .99 | 0.00 | .61 |
| MEAN: | 0.000 | 0.000 | .110 | .112 | 0.000 | 0.000 | 4.086 | .768 | .450 | .248 | 0.000 | .353 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | .551 | ANNUAL MAX: | 10.80 | | | | | | |

AIR QUALITY SYSTEM RAW DATA REPORT

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

Jul. 3, 2019

CAS NUMBER: 622-96-8 LATITUDE: 40.95517 LONGITUDE: -76.88189

SITE ID: 42-119-0001 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(45213) p-Ethyltoluene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

UNITS: Parts per billion Carbon

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|---------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | 00 | 00.175 |
| 12 13 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 13 | | | | | | | | AF | .UU ND | .UU ND | | |
| 15 | | .00 ND | | | | AF | .00 ND | Ar | | | | |
| 16 | .00 ND | .00 100 | | .00 ND | .00 ND | .11 | .00 MD | | | | | |
| 17 | .00 1.0 | | .00 ND | .00 115 | .00 1.0 | | | | | | | |
| 18 | | | - | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | | | | | | | .43 SQ | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | 00.375 | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 30 31 | | | | | | | | | | .00 ND | .UU ND | .UU UU |
| 31 | | | | | | | | | | | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .43 | 0.00 | 0.00 | 0.00 | 0.00 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .215 | 0.000 | 0.000 | 0.000 | 0.000 |
| ANNUAL | OBSERVATIONS | : 49 | ANNUAL MEAN: | .009 | ANNUAL MAX: | .43 | | | | | | |
| | | | | | | | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 622-96-8 LATITUDE: 40.95517 LONGITUDE: -76.88189

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

UTM NORTHING:

UTM EASTING:

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(45213) p-Ethyltoluene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM 2014 REPORT FOR:

DURATION: 24 HOUR UNITS: Parts per billion Carbon

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|---------|-------------|--------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .27 SQ | | | | |
| 4 | | .22 SQ | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .19 SQ | | | | |
| 10 | | AF | | | | .20 SQ | .58 SQ | | | | | |
| 11 | .00 ND | | | AF | .00 ND | | | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .37 SQ | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | 00.375 | 00.377 |
| 19 20 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 21 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 22 | | .00 ND | | | | .16 SQ | .49 SQ | .00 ND | | | | |
| 23 | .00 ND | .00 142 | | .00 ND | .00 ND | .10 50 | . 15 50 | | | | | |
| 24 | .00 112 | | .00 ND | .00 112 | .00 112 | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | | .19 SQ | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 0.00 | .22 | 0.00 | 0.00 | 0.00 | .37 | .58 | .27 | 0.00 | 0.00 | 0.00 | 0.00 |
| MEAN: | 0.000 | .073 | 0.000 | 0.000 | 0.000 | .230 | .214 | .092 | 0.000 | 0.000 | 0.000 | 0.000 |
| ANNUAL | OBSERVATIONS | 54 | ANNUAL MEAN: | .049 | ANNUAL MAX: | .58 | | | | | | |

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

PROBE HEIGHT: 3

622-96-8

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA LAND USE: RESIDENTIAL UTM EASTING: SITE COMMENTS: SUBURBAN ELEVATION-MSL: 150

LOCATION SETTING: MONITOR COMMENTS:

(45213) p-Ethyltoluene

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR MONITOR TYPE: SPM 2015 REPORT FOR:

UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .49 SQ | AS | | |
| 4 | | | | | | | | .36 SQ | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 | | | | | | | | .00 ND | | | | |
| 11 | | .00 ND | | | | .00 ND | 4.95 5 | | | | | |
| 12 13 | .00 ND | | .00 ND | .00 ND | AF | | | | | | | |
| 14 | | | .00 ND | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | .00 ND | AD |
| 16 | | | | | | | | .42 SQ | AD | .00 ND | | |
| 17 | | .00 ND | | | | .00 ND | 1.89 5 | .12 50 | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | 1.35 | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .46 CC | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | 1.08 5 | | | | | |
| 30 | AF | | 00.175 | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.95 | .42 | .49 | .46 | 0.00 | 0.00 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.854 | .195 | .163 | .115 | 0.000 | 0.000 |
| ANNUAL | OBSERVATIONS: | 51 | ANNUAL MEAN: | .216 | ANNUAL MAX: | 4.95 | | | | | | |

AIR QUALITY SYSTEM RAW DATA REPORT

Jul. 3, 2019

CAS NUMBER: 100-42-5 LATITUDE: 40.95517

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

-76.88189

LONGITUDE:

UTM NORTHING:

PROBE HEIGHT: 3

UTM ZONE:

SITE ID: 42-119-0001 STATE: (42) Pennsylvania

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA LAND USE: RESIDENTIAL UTM EASTING: LOCATION SETTING: SUBURBAN ELEVATION-MSL: 150

SITE COMMENTS: MONITOR COMMENTS:

POC: 2

(45220) Styrene

CITY: (00000) Not in a city

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR REPORT FOR: 2013 MONITOR TYPE: SPM

UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .54 SQ | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .56 SQ | | | | | |
| 10 | .00 ND | | | .00 ND | .86 SQ | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 15 | | .00 ND | | | | AF | .00 ND | AF | | | | |
| 16 | .00 ND | .00 ND | | .00 ND | .41 SQ | AF | .00 ND | | | | | |
| 17 | .00 ND | | .00 ND | .00 ND | .41 50 | | | | | | | |
| 18 | | | .00 ND | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .65 SQ | .00 ND | 10 | .00 112 |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | 1.42 | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .13 SQ | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | .86 | 0.00 | .56 | 0.00 | 1.42 | .13 | 0.00 | 0.00 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | .318 | 0.000 | .140 | 0.000 | .522 | .022 | 0.000 | 0.000 |
| ANNUAL | OBSERVATIONS | : 49 | ANNUAL MEAN: | .093 | ANNUAL MAX: | 1.42 | | | | | | |

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

2014

SUBURBAN

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 100-42-5 LATITUDE: 40.95517 LONGITUDE: -76.88189

ELEVATION-MSL: 150

PROBE HEIGHT: 3

SITE ID: 42-119-0001 POC: 2

COUNTY: (119) Union

CITY: (00000) Not in a city

(45220) Styrene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR

UNITS: Parts per billion Carbon

UTM ZONE:

UTM NORTHING:

UTM EASTING:

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .59 SQ | | |
| 3 | | | | | | | | .27 SQ | | | | |
| 4 | | 2.37 | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .33 SQ | | | | | | | |
| 6 | | | .28 SQ | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | 1.92 | .00 ND | | |
| 9 | | AF | | | | 4.16 | 3.00 | .00 ND | | | | |
| 10 11 | .00 ND | AF | | AF | .00 ND | 4.16 | 3.00 | | | | | |
| 12 | .00 ND | | 3.03 | Ar | .00 ND | | | | | | | |
| 13 | | | 3.03 | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .37 SQ | | |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .72 SQ | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | 40 | .00 ND | | | | |
| 22 23 | .00 ND | .00 ND | | .00 ND | .39 SQ | .00 ND | .43 SQ | | | | | |
| 24 | .00 ND | | .00 ND | .00 ND | .39 30 | | | | | | | |
| 25 | | | .00 112 | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | 4.93 | .00 ND | | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 0.00 | 2.37 | 3.03 | 0.00 | .39 | 4.16 | 3.00 | .27 | 4.93 | .59 | 0.00 | 0.00 |
| MEAN: | 0.000 | .790 | .828 | 0.000 | .144 | 1.220 | .686 | .054 | 1.370 | .192 | 0.000 | 0.000 |
| ANNUA | L OBSERVATIONS | 54 | ANNUAL MEAN: | .422 | ANNUAL MAX: | 4.93 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

CITY: (00000) Not in a city

(45220) Styrene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

2015 REPORT FOR: UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

100-42-5

| - | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|--------------|--------|--------|---------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | 1.60 |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 | | | | | | | | .00 ND | | | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | 2.59 | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | 10 | 00 | .00 ND | AS |
| 15 | | | | | | | | 0.0 200 | AS | .00 ND | | |
| 16 17 | | 1.70 | | | | .42 SQ | 1.92 | .00 ND | | | | |
| 18 | .00 ND | 1.70 | | .00 ND | .00 ND | .42 SQ | 1.92 | | | | | |
| 19 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 20 | | | .00 ND | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .73 SQ | .79 SQ | .00 ND | AU |
| 22 | | | | | | | | .00 ND | .73 50 | .,, 50 | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | - | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | 11.20 5 | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | 1.84 | | | | | |
| 30 | AF | | | 5.68 5 | .00 ND | | | | | | | |
| 31 | | | 1.84 | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 3 |
| MAX: | 2.59 | 1.70 | 1.84 | 5.68 | 0.00 | .42 | 1.92 | 0.00 | .73 | 11.20 | 0.00 | 1.60 |
| MEAN: | .648 | .425 | .307 | 1.136 | 0.000 | .084 | .752 | 0.000 | .243 | 2.998 | 0.000 | .533 |
| | | | | | | | | 0.000 | | 2.,,, | 0.000 | |
| ANNUA: | L OBSERVATIONS: | 51 | ANNUAL MEAN: | .594 | ANNUAL MAX: | 11.20 | | | | | | |

AIR QUALITY SYSTEM
RAW DATA REPORT

RAW DATA REPORT Jul. 3, 2019

CAS NUMBER: 108-90-7
LATITUDE: 40.95517
LONGITUDE: -76.88189

ELEVATION-MSL: 150

COUNTY: (119) Union

CITY: (00000) Not in a city

(45801) Chlorobenzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

PROBE HEIGHT: 3

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

REPORT FOR: 2013 DURATION: 24 HOUR

UNITS: Parts per billion Carbon

UTM ZONE:

UTM NORTHING:

UTM EASTING:

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | 00.375 | | | | | 00.370 | AF | | | | |
| 15 16 | .00 ND | .00 ND | | .00 ND | 00 MD | AF | .00 ND | | | | | |
| 17 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | 15 | .00 112 |
| 20 | | | | | | | | .00 ND | .00 112 | .00 112 | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

AIR QUALITY SYSTEM

RAW DATA REPORT Jul. 3, 2019

> LATITUDE: 40.95517 LONGITUDE: -76.88189

ELEVATION-MSL: 150

PROBE HEIGHT: 3

108-90-7

CAS NUMBER:

UTM ZONE:

DURATION: 24 HOUR

UTM NORTHING:

UTM EASTING:

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(45801) Chlorobenzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM 2014 REPORT FOR:

UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|---------|-------------|---------------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | 0.0 177 | AF | | | 00.370 | .00 ND | .00 ND | | | | | |
| 11 12 | .00 ND | | .00 ND | AF | .00 ND | | | | | | | |
| 13 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 15 | | | | | | | | .00 ND | .00 112 | .00 112 | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | 00.375 | .00 ND | .00 ND | | |
| 27 28 | | AS | | | | .00 ND | .00 ND | .00 ND | | | | |
| 29 | TS | rio. | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 30 | 10 | | AF | .00 112 | .00 112 | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| | L OBSERVATIONS: | 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |
| 37.1 | 0 1151 | | - | | _ | Caraca Caraca | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 108-90-7 LATITUDE: 40.95517

> > LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

STATE: (42) Pennsylvania

COUNTY: (119) Union

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

SITE COMMENTS: MONITOR COMMENTS:

SITE ID: 42-119-0001

(45801) Chlorobenzene

CITY: (00000) Not in a city

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONTELL

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

DURATION: 24 HOUR MONITOR TYPE: SPM 2015 REPORT FOR:

UNITS: Parts per billion Carbon (0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 5 | | .00 ND | | | | .00 ND | 00 ND | .00 ND | | | | |
| 6 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 7 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 8 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | .00 112 | .00 112 |
| 10 | | | | | | | | .00 ND | | | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 23 | | .00 ND | | | | 00 277 | 00.370 | .00 ND | | | | |
| 23 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 25 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 26 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | .00 112 | 100 112 |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUAI | OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(45805) 1,2-Dichlorobenzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

UNITS: Parts per billion Carbon MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

95-50-1

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 15 | | .00 ND | | | | AF | .00 ND | AF | | | | |
| 16 | .00 ND | .00 ND | | .00 ND | .00 ND | AF | .00 ND | | | | | |
| 17 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | 15 | .00 ND |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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 | : 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2

COUNTY: (119) Union

CITY: (00000) Not in a city

(45805) 1,2-Dichlorobenzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

LATITUDE: STATE: (42) Pennsylvania LONGITUDE: (195) CENTRAL PENNSYLVANIA

-76.88189

CAS NUMBER:

UTM ZONE: UTM NORTHING: UTM EASTING:

ELEVATION-MSL: 150 PROBE HEIGHT: 3

95-50-1

40.95517

DURATION: 24 HOUR 2014 REPORT FOR:

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | 0.0 | .00 ND | .00 ND |
| 8 9 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 10 | | AF | | | | .00 ND | .00 ND | .00 ND | | | | |
| 11 | .00 ND | AL . | | AF | .00 ND | .00 ND | .00 10 | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | 0.0 | .00 ND | .00 ND |
| 20 21 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 23 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 10 | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| ANNUAI | OBSERVATIONS | : 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania -76.88189 LONGITUDE:

COUNTY: (119) Union

(45805) 1,2-Dichlorobenzene

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2015 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

95-50-1

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 | | | .00 ND | | | | | | | | | |
| 8 | | | | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 11 | | 00.170 | | | | 00.375 | 0.0 277 | .00 ND | | | | |
| 12 | .00 ND | .00 ND | | .00 ND | AF | .00 ND | .00 ND | | | | | |
| 13 | .00 ND | | .00 ND | .00 ND | Ar | | | | | | | |
| 14 | | | .00 ND | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | .00 112 | 110 |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | .00 ND | .00 ND | AS | | | | |
| 29 30 | AF | | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 31 | Ar | | .00 ND | .UU ND | .00 IVD | | | | | | | |
| 31 | | | | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 LONGITUDE: STATE: (42) Pennsylvania -76.88189

COUNTY: (119) Union

(45806) 1,3-Dichlorobenzene

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

| REPORT FOR: | 2013 | DURATION: 24 HOUR |
|-------------|------|-------------------|
| | | |

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

541-73-1

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|---------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 13 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 14 | | | | | | | | AF | .00 ND | .00 ND | | |
| 15 | | .00 ND | | | | AF | .00 ND | Ar | | | | |
| 16 | .00 ND | .00 ND | | .00 ND | .00 ND | PII. | .00 ND | | | | | |
| 17 | | | .00 ND | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | | | | | | | .00 ND | | | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | 00.370 | AF | | 0.0 177 | ma. | AF | .00 ND | | | | | |
| 28 29 | .00 ND | | .00 ND | .00 ND | TS | | | | | | | |
| 30 | | | .00 ND | | | | | | | | .00 ND | .17 SQ |
| 31 | | | | | | | | | | .00 ND | .00 ND | .17 50 |
| | | | | | | | | | | | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .17 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .043 |
| ANNUAI | OBSERVATIONS | : 49 | ANNUAL MEAN: | .003 | ANNUAL MAX: | .17 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania -76.88189 LONGITUDE:

COUNTY: (119) Union

CITY: (00000) Not in a city

(45806) 1,3-Dichlorobenzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR REPORT FOR: 2014

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

541-73-1

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | 00.3 | 00 | .00 ND | | | | |
| 10 | 0.0 MT | AF | | 3.0 | 00 ME | .00 ND | .00 ND | | | | | |
| 11 12 | .00 ND | | .00 ND | AF | .00 ND | | | | | | | |
| 13 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 15 | | | | | | | | .00 ND | .00 110 | .00 ND | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | 110 | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 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 |
| ANNUAI | L OBSERVATIONS | 54 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

LATITUDE: 40.95517 SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania -76.88189 LONGITUDE:

COUNTY: (119) Union

CITY: (00000) Not in a city

(45806) 1,3-Dichlorobenzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

(0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

DURATION: 24 HOUR 2015 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

541-73-1

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|---------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | | | | | | | .00 ND | | | | |
| 5 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 6 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 7 8 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | .00 ND | .00 ND |
| 10 | | | | | | | | .00 ND | AS | .00 ND | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 12 | .00 ND | .00 112 | | .00 ND | AF | .00 112 | .00 112 | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | | |
| 20 | | | | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | | |
| 22 | | | | | | | | .00 ND | | | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 26 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 28 | | | | | | | | AS | .00 ND | .00 ND | | |
| 29 | | | | | | .00 ND | .00 ND | AD | | | | |
| 30 | AF | | | .00 ND | .00 ND | .00 112 | .00 112 | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| | | | | - | | _ | - | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

CAS NUMBER:

UTM ZONE:

106-46-7

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 LATITUDE: 40.95517
STATE: (42) Pennsylvania LONGITUDE: -76.88189

COUNTY: (119) Union AQCR: (195) CENTRAL PENNSYLVANIA

(45807) 1,4-Dichlorobenzene

CITY: (00000) Not in a city

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

UTM NORTHING:

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

LAND USE: RESIDENTIAL

UTM EASTING:

SITE COMMENTS:

LOCATION SETTING: SUBURBAN

MONITOR COMMENTS:

LOCATION SETTING: SUBURBAN

PROBE HEIGHT: 3

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM REPORT FOR: 2013

DURATION: 24 HOUR

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

UNITS: Parts per billion Carbon

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

| Day | | MONTH | | | | | | | | | | | |
|--|--------|---------------|----------|--------------|--------|-------------|--------|---------|--------|-----------|---------|----------|----------|
| 2 | Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 2 | 1 | | | | | | | | | .00 ND | .00 ND | | |
| 4 | | | | | | | | | AF | | | | |
| 5 | 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| .00 ND .0 | 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| .00 ND .0 | 5 | | | .00 ND | | | | | | | | | |
| TS 9 0.00 ND 0 | 6 | | | | | | | | | | | .00 ND | .00 ND |
| 9 .00 ND | 7 | | | | | | | | | .00 ND | .00 ND | | |
| 10 | | | | | | | | | TS | | | | |
| 11 | | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 13 | | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | 00.3 | 00.3 | .00 ND | .00 ND |
| 15 .00 ND | | | | | | | | | 3.5 | .UU ND | .UU ND | | |
| 16 .00 ND | | | 0.0 M | | | | λE | 0.0 мто | Ar | | | | |
| 17 .00 ND 18 .50 ND 19 .00 ND .00 ND 20 .00 ND 21 .00 ND AF TS 22 .00 ND .00 ND .00 ND 23 .00 ND .00 ND | | OO ND | .00 ND | | 0.0 MD | 0.0 MD | mr. | .00 ND | | | | | |
| 18 TS .00 ND 19 .00 ND .00 ND .00 ND 20 .00 ND 21 .00 ND AF TS 22 .00 ND .00 ND .00 ND 23 .00 ND .00 ND | | .00 140 | | .00 ND | .00 10 | .00 110 | | | | | | | |
| 19 .00 ND | | | | .00 112 | | | | | | | | TS | .00 ND |
| .00 ND 21 .00 ND AF TS 22 .00 ND .00 ND .00 ND 23 .00 ND 24 | | | | | | | | | | .00 ND | .00 ND | | |
| 22 .00 ND .00 ND .00 ND .023 .00 ND .00 ND .00 AF AF | | | | | | | | | .00 ND | | | | |
| 23 .00 ND 24 AF AF | 21 | | .00 ND | | | | AF | TS | | | | | |
| AF AF | 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| | 23 | | | .00 ND | | | | | | | | | |
| 25 .00 ND .00 ND | 24 | | | | | | | | | | | AF | AF |
| | | | | | | | | | | .00 ND | .00 ND | | |
| .00 ND | | | | | | | | | .00 ND | | | | |
| 27 AF .00 ND | | | AF | | | | AF | .00 ND | | | | | |
| 28 .00 ND .00 ND TS | | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 .00 ND | | | | .00 ND | | | | | | | | 00 | 0.0 377 |
| 30 .00 ND .00 ND .00 ND .00 ND .00 ND | | | | | | | | | | | 00 200 | .UU ND | .UU ND |
| 31 .00 ND | 31 | | | | | | | | | | .UU ND | | |
| NO: 5 4 5 5 4 2 4 2 5 6 3 4 | | | | | | | | | | | | | |
| MAX: 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0. | MAX: | | | | | | | | | | | | |
| 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 | 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: 49 ANNUAL MEAN: 0.000 ANNUAL MAX: 0.00 | ANNUAL | OBSERVATIONS: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 106-46-7 LATITUDE: 40.95517

STATE: (42) Pennsylvania

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA

CITY: (00000) Not in a city SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

POC: 2

(45807) 1,4-Dichlorobenzene

SITE ID: 42-119-0001

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR REPORT FOR: 2014

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|---------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .33 SQ | | | | |
| 4 | | .21 SQ | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 11 | .00 ND | AF | | AF | .00 ND | .21 SQ | .28 SQ | | | | | |
| 12 | .00 ND | | .00 ND | Ar | .00 ND | | | | | | | |
| 13 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .31 SQ | .21 SQ | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .22 SQ | .36 SQ | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 26 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 26 27 | | | | | | | | .00 ND | .UU UU. | .UU ND | | |
| 28 | | AS | | | | .00 ND | .00 ND | .00 ND | | | | |
| 29 | TS | -10 | | .00 ND | .00 ND | .00 140 | .00 AD | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 0.00 | .21 | 0.00 | 0.00 | 0.00 | .31 | .36 | .33 | 0.00 | 0.00 | 0.00 | 0.00 |
| MEAN: | 0.000 | .070 | 0.000 | 0.000 | 0.000 | .185 | .170 | .066 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | | | | | | | | , |
| ANNUAI | OBSERVATIONS | 54 | ANNUAL MEAN: | .039 | ANNUAL MAX: | .36 | | | | | | |

STATE:

(42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

RAW DATA REPORT Jul. 3, 2019

> CAS NUMBER: 106-46-7 LATITUDE: 40.95517

> > LONGITUDE:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL:

PROBE HEIGHT:

-76.88189

150

SITE ID: 42-119-0001 POC: 2

COUNTY: (119) Union

CITY: (00000) Not in a city

(45807) 1,4-Dichlorobenzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2015 MONITOR TYPE: SPM REPORT FOR:

UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO MIN DETECTABLE:

MONTH Day JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER .00 ND 2 AF .00 ND 3 .00 ND AS 4 .00 ND 5 .00 ND .00 ND .00 ND .00 ND .00 ND .00 ND 7 .00 ND 8 .00 ND .00 ND 9 .00 ND AS 10 .00 ND 11 .00 ND .00 ND .00 ND 12 .00 ND .00 ND AF 13 .00 ND 14 .00 ND AS 15 AS .00 ND 16 .00 ND 17 .00 ND .00 ND .00 ND 18 .00 ND .00 ND .00 ND 19 .00 ND 20 .00 ND AS 21 .00 ND .00 ND 22 .00 ND 23 .00 ND .00 ND .00 ND 24 .00 ND .00 ND .00 ND 25 .00 ND 26 .00 ND .00 ND 27 .00 ND .00 ND 28 AS 29 .00 ND .00 ND 30 AF .00 ND .00 ND 31 .00 ND 5 NO.: 4 4 5 4 3 3 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 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: ANNUAL OBSERVATIONS: 51 ANNUAL MEAN: 0.000 ANNUAL MAX:

RAW DATA REPORT Jul. 3, 2019

LATITUDE: SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania LONGITUDE:

COUNTY: (119) Union

CITY: (00000) Not in a city

(45810) 1,2,4-Trichlorobenzene

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO

(0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR 2013 REPORT FOR:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

UTM ZONE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

120-82-1

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .00 ND | .00 ND |
| 7 | | | | | | | | | .00 ND | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | 00.170 | | | | | 00.375 | AF | | | | |
| 15 16 | 0.0 MD | .00 ND | | .00 ND | .00 ND | AF | .00 ND | | | | | |
| 17 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | 15 | .00 ND |
| 20 | | | | | | | | .00 ND | .00 112 | .00 112 | | |
| 21 | | .00 ND | | | | AF | TS | | | | | |
| 22 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 23 | | | .00 ND | | | | | | | | | |
| 24 | | | | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | | |
| 26 | | | | | | | | .00 ND | | | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | .00 ND | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| 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: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2

(45810) 1,2,4-Trichlorobenzene

COUNTY: (119) Union

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

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

STATE: (42) Pennsylvania

AQCR: (195) CENTRAL PENNSYLVANIA URBANIZED AREA: (0000) NOT IN AN URBAN AREA

LAND USE: RESIDENTIAL

LOCATION SETTING: SUBURBAN

UTM EASTING:
ELEVATION-MSL: 150
PROBE HEIGHT: 3

120-82-1

40.95517

-76.88189

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

REPORT FOR: 2014 DURATION: 24 HOUR

UNITS: Parts per billion Carbon

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|-------------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | | |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .23 SQ | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 10 | | AF | | | | .00 ND | 17 00 | .00 ND | | | | |
| 11 | .00 ND | Ar | | AF | .00 ND | .00 ND | .17 SQ | | | | | |
| 12 | .00 ND | | .00 ND | AL | .00 ND | | | | | | | |
| 13 | | | .00 112 | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | | .00 ND | .00 ND | | |
| 15 | | | | | | | | .00 ND | | | | |
| 16 | | .00 DI | | | | .00 ND | .00 ND | | | | | |
| 17 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 18 | | | .00 ND | | | | | | | | | |
| 19 | | | | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .00 ND | | | | |
| 22 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 23 24 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | .00 ND | .00 ND |
| 27 | | | | | | | | .00 ND | .00 112 | .00 112 | | |
| 28 | | AS | | | | .00 ND | .00 ND | | | | | |
| 29 | TS | | | .00 ND | .00 ND | | | | | | | |
| 30 | | | AF | | | | | | | | | |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 0.00 | .23 | 0.00 | 0.00 | 0.00 | 0.00 | .17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MEAN: | 0.000 | .077 | 0.000 | 0.000 | 0.000 | 0.000 | .034 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | OBSERVATIONS | 3: 54 | 337577737 3477337 | 007 | ANNUAL MAX: | .23 | | | | | | |
| AININUAL | ODSERVATIONS | 54 | ANNUAL MEAN: | .007 | ANNUAL MAX. | . 23 | | | | | | |

STATE: (42) Pennsylvania

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2

(45810) 1,2,4-Trichlorobenzene

COUNTY: (119) Union

CITY: (00000) Not in a city

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

MONITOR TYPE: SPM

MONTELL

COLLECTION AND ANALYSIS METHOD: (176) 6L SUBATM SS CANISTER ENTECH PRECO (0851) Pennsylvania Department Of Environmental Protection

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection DURATION: 24 HOUR REPORT FOR: 2015

UNITS: Parts per billion Carbon

MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

120-82-1

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | 00.170 | | | | 00.370 | 00 277 | .00 ND | | | | |
| 5 6 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 7 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 8 | | | .00 ND | | | | | | | | .00 ND | AM |
| 9 | | | | | | | | | AS | .00 ND | .00 112 | |
| 10 | | | | | | | | .00 ND | | | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 ND | | | | | | | | 00 277 | 20 |
| 20 21 | | | | | | | | | .00 ND | .00 ND | .00 ND | AS |
| 22 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | .00 ND | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 25 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | АМ |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUAI | L OBSERVATIONS: | 49 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |
| | | | | | | | | | | | | |

LOCATION SETTING:

SUBURBAN

RAW DATA REPORT Jul. 3, 2019

> LATITUDE: 40.95517 LONGITUDE: -76.88189

CAS NUMBER:

UTM ZONE:

DURATION: 24 HOUR

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

109-99-9

SITE ID: 42-119-0001 STATE: (42) Pennsylvania

COUNTY: (119) Union (195) CENTRAL PENNSYLVANIA CITY: (00000) Not in a city

URBANIZED AREA: (0000) NOT IN AN URBAN AREA SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA LAND USE: RESIDENTIAL

SITE COMMENTS: MONITOR COMMENTS:

(46401) Furan, tetrahydro-

POC: 2

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection MONITOR TYPE: SPM 2013 REPORT FOR:

UNITS: Parts per billion Carbon COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco

(0851) Pennsylvania Department Of Environmental Protection MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|--------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | .00 ND | .00 ND | | |
| 2 | | | | | | | | AF | | | | |
| 3 | | .00 ND | | | | .00 ND | .41 SQ | | | | | |
| 4 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 5 | | | .00 ND | | | | | | | | | |
| 6 | | | | | | | | | | | .14 SQ | .00 ND |
| 7 | | | | | | | | | 22.46 5 | .00 ND | | |
| 8 | | | | | | | | TS | | | | |
| 9 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 10 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 11 | | | .00 ND | | | | | | | | | |
| 12 | | | | | | | | | | | .00 ND | .00 ND |
| 13 | | | | | | | | | .00 ND | .00 ND | | |
| 14 | | | | | | | | AF | | | | |
| 15 | | .00 ND | | | | AF | .00 ND | | | | | |
| 16 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 17 | | | .00 ND | | | | | | | | | |
| 18 | | | | | | | | | | | TS | .00 ND |
| 19 | | | | | | | | | .00 ND | .00 ND | | |
| 20 | | 00.170 | | | | | ma | .00 ND | | | | |
| 21 22 | 0.0 MD | .00 ND | | 00 MD | .00 ND | AF | TS | | | | | |
| 23 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | AF | AF |
| 25 | | | | | | | | | .00 ND | .00 ND | Ar | Ar |
| 26 | | | | | | | | .00 ND | .00 112 | .00 112 | | |
| 27 | | AF | | | | AF | .00 ND | | | | | |
| 28 | .00 ND | | | .00 ND | TS | | | | | | | |
| 29 | | | .00 ND | | | | | | | | | |
| 30 | | | | | | | | | | | .00 ND | .00 ND |
| 31 | | | | | | | | | | 1.95 | | |
| NO.: | 5 | 4 | 5 | 5 | 4 | 2 | 4 | 2 | 5 | 6 | 3 | 4 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | .41 | 0.00 | 22.46 | 1.95 | .14 | 0.00 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | .103 | 0.000 | 4.492 | .325 | .047 | 0.000 |
| ANNUAI | OBSERVATIONS | : 49 | ANNUAL MEAN: | .509 | ANNUAL MAX: | 22.46 | | | | | | |

LAND USE: RESIDENTIAL

LOCATION SETTING:

(195) CENTRAL PENNSYLVANIA

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

AIR QUALITY SYSTEM

RAW DATA REPORT Jul. 3, 2019

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union

CITY: (00000) Not in a city

(46401) Furan, tetrahydro-

SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

SITE COMMENTS: MONITOR COMMENTS:

SUPPORT AGENCY: (0851) Pennsylvania Department Of Environmental Protection

COLLECTION AND ANALYSIS METHOD: (176) 6L Subatm SS Canister Entech Preco (0851) Pennsylvania Department Of Environmental Protection

DURATION: 24 HOUR MONITOR TYPE: SPM 2014 REPORT FOR:

MIN DETECTABLE:

CAS NUMBER:

LATITUDE:

UTM ZONE:

UNITS: Parts per billion Carbon

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

109-99-9

40.95517

-76.88189

| | MONTH | | | | | | | | | | | |
|----------|---------------|----------|--------------|--------|-------------|--------|--------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | | | | | | | | | .00 ND | .00 ND |
| 2 | | | | | | | | | .00 ND | .00 ND | .00 112 | .00 115 |
| 3 | | | | | | | | .00 ND | | | | |
| 4 | | .00 ND | | | | AF | .00 ND | | | | | |
| 5 | .00 ND | | | AF | .00 ND | | | | | | | |
| 6 | | | .00 ND | | | | | | | | | |
| 7 | | | | | | | | | | | .00 ND | .00 ND |
| 8 | | | | | | | | | .00 ND | .00 ND | | |
| 9 | | | | | | | | .00 ND | | | | |
| 10 | | AF | | | | .37 SQ | 1.64 | | | | | |
| 11 | .00 ND | | | AF | .00 ND | | | | | | | |
| 12 | | | .00 ND | | | | | | | | | |
| 13 | | | | | | | | | | | .00 ND | .00 ND |
| 14 | | | | | | | | 00.375 | .00 ND | .00 ND | | |
| 15 16 | | .00 DI | | | | .00 ND | 1.65 | .00 ND | | | | |
| 17 | .00 ND | .00 DI | | .00 ND | .00 ND | .00 ND | 1.05 | | | | | |
| 18 | .00 142 | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 19 | | | .00 112 | | | | | | | | .00 ND | .00 ND |
| 20 | | | | | | | | | .00 ND | .00 ND | | |
| 21 | | | | | | | | .28 SQ | | | | |
| 22 | | .00 ND | | | | .00 ND | 2.58 | | | | | |
| 23 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 24 | | | .00 ND | | | | | | | | | |
| 25 | | | | | | | | | | | .00 ND | .00 ND |
| 26 | | | | | | | | | .00 ND | .00 ND | | |
| 27 | | | | | | | | .00 ND | | | | |
| 28 | | AS | | | | .22 SQ | .19 SQ | | | | | |
| 29 | TS | | | .00 ND | .45 SQ | | | | | | | |
| 30 | | | AF | | | | | | | | | 0.0 370 |
| 31 | | | | | | | | | | | | .00 ND |
| NO.: | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| MAX: | 0.00 | 0.00 | 0.00 | 0.00 | . 45 | .37 | 2.58 | .28 | 0.00 | 0.00 | 0.00 | 0.00 |
| MEAN: | 0.000 | 0.000 | 0.000 | 0.000 | .090 | .148 | 1.212 | .056 | 0.000 | 0.000 | 0.000 | 0.000 |
| ANNUAI | OBSERVATIONS: | 54 | ANNUAL MEAN: | .137 | ANNUAL MAX: | 2.58 | | | | | | |

RAW DATA REPORT Jul. 3, 2019

CAS NUMBER: 109-99-9
LATITUDE: 40.95517

SITE ID: 42-119-0001 POC: 2 STATE: (42) Pennsylvania

COUNTY: (119) Union AQCR: (195) CENTRAL PENNSYLVANIA

CITY: (00000) Not in a city SITE ADDRESS: Dana Engineering Bldg. Bucknell University, Lewisburg, PA

(46401) Furan, tetrahydro-

SITE COMMENTS:
MONITOR COMMENTS:

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

URBANIZED AREA: (0000) NOT IN AN URBAN AREA

SUBURBAN

LAND USE: RESIDENTIAL

LOCATION SETTING:

UNITS: Parts per billion Carbon

LONGITUDE:

UTM NORTHING:

UTM EASTING:

ELEVATION-MSL: 150

PROBE HEIGHT: 3

UTM ZONE:

-76.88189

MIN DETECTABLE:

| | MONTH | | | | | | | | | | | |
|----------|-----------------|----------|--------------|--------|-------------|--------|---------|--------|-----------|---------|----------|----------|
| Day | JANUARY | FEBRUARY | MARCH | APRIL | MAY | JUNE | JULY | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| 1 | | | .00 ND | | | | | | | | | |
| 2 | | | | | | | | | | | AF | .00 ND |
| 3 | | | | | | | | | .00 ND | AS | | |
| 4 | | 00.170 | | | | 00.375 | 0.0 275 | .00 ND | | | | |
| 5 6 | .00 ND | .00 ND | | .00 ND | .00 ND | .00 ND | .00 ND | | | | | |
| 7 | .00 ND | | .00 ND | .00 ND | .00 ND | | | | | | | |
| 8 | | | .00 112 | | | | | | | | .00 ND | .00 ND |
| 9 | | | | | | | | | AS | .00 ND | | |
| 10 | | | | | | | | .00 ND | | | | |
| 11 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 12 | .00 ND | | | .00 ND | AF | | | | | | | |
| 13 | | | .00 ND | | | | | | | | | |
| 14 | | | | | | | | | | | .00 ND | AS |
| 15 | | | | | | | | | AS | .00 ND | | |
| 16 | | | | | | | | .00 ND | | | | |
| 17 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 18 | .00 ND | | 0.0 277 | .00 ND | .00 ND | | | | | | | |
| 19 20 | | | .00 ND | | | | | | | | .00 ND | AS |
| 21 | | | | | | | | | .00 ND | .00 ND | .00 ND | AS |
| 22 | | | | | | | | .00 ND | .00 ND | .00 ND | | |
| 23 | | .00 ND | | | | .00 ND | .00 ND | | | | | |
| 24 | .00 ND | | | .00 ND | .00 ND | | | | | | | |
| 2.5 | | | .00 ND | | | | | | | | | |
| 26 | | | | | | | | | | | .00 ND | .00 ND |
| 27 | | | | | | | | | .00 ND | .00 ND | | |
| 28 | | | | | | | | AS | | | | |
| 29 | | | | | | .00 ND | .00 ND | | | | | |
| 30 | AF | | | .00 ND | .00 ND | | | | | | | |
| 31 | | | .00 ND | | | | | | | | | |
| NO.: | 4 | 4 | 6 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 4 | 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 |
| ANNUA | L OBSERVATIONS: | 51 | ANNUAL MEAN: | 0.000 | ANNUAL MAX: | 0.00 | | | | | | |

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AIR QUALITY SYSTEM

RAW DATA REPORT Jul. 3, 2019

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 |
| DI | Sample was diluted for analysis. | QA |
| EH | Estimated; Exceeds Upper Range. | QA |
| LL | Analyte Identified; Reported Value May Be Biased Low. | QA |
| ND | No Value Detected, Zero Reported. | QA |
| SQ | Values Between SQL and MDL. | QA |
| TS | Holding Time Or Transport Temperature Is Out Of Specs. | NULL |

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