

User ID: HPI

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 1641057

Report Code: AMP230

Apr. 4, 2018

GEOGRAPHIC SELECTIONS

| Tribal Code | State | County | Site | Parameter | POC | City | AQCR | UAR | CBSA | CSA | EPA Region |
|-------------|-------|--------|------|-----------|-----|------|------|-----|------|-----|------------|
|-------------|-------|--------|------|-----------|-----|------|------|-----|------|-----|------------|

49

PROTOCOL SELECTIONS

| Parameter Classification | Parameter | Method | Duration |
|--------------------------|-----------|--------|----------|
|--------------------------|-----------|--------|----------|

CRITERIA

SELECTED OPTIONS

| Option Type       | Option Value             |
|-------------------|--------------------------|
| SUMMARY CRITERIA  | INCLUDE ALL DATA         |
| EVENTS PROCESSING | REPORT ALL EVENT RECORDS |
| MERGE PDF FILES   | YES                      |
| AGENCY ROLE       | PQAO                     |

SORT ORDER

| Order | Column         |
|-------|----------------|
| 1     | STATE_CODE     |
| 2     | COUNTY_CODE    |
| 3     | SITE_ID        |
| 4     | EPA_REGION     |
| 5     | DATES          |
| 6     | PARAMETER_CODE |
| 7     | POC            |

DATE CRITERIA

| Start Date | End Date |
|------------|----------|
| 2017       | 2017     |

APPLICABLE STANDARDS

| Standard Description             |
|----------------------------------|
| CO 8-hour 1971                   |
| Lead 3-Month 2009                |
| Lead 3-Month PM10 Surrogate 2009 |
| NO2 Annual 1971                  |
| Ozone 8-Hour 2008                |
| PM10 24-hour 2006                |
| PM25 24-hour 2012                |
| SO2 1-hour 2010                  |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

EXCEPTIONAL DATA TYPES

| EDT | DESCRIPTION                      |
|-----|----------------------------------|
| 0   | NO EVENTS                        |
| 1   | EVENTS EXCLUDED                  |
| 2   | EVENTS INCLUDED                  |
| 5   | EVENTS WITH CONCURRENCE EXCLUDED |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-003-0003  
 County: Box Elder  
 City: Brigham City  
 Support Agency: 1113  
 Address: 140 W.FISHBURN DRIVE, BRIGHAM CITY, UT

AQCR: UTAH  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +41.492707  
 Longitude: -112.018863  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,334.0

Site Comments: SITE FOR OZONE, PM2.5, AND MET:

| Parameter                      | POC |     | PQAO |      | Method of Collection and Analysis |      |         |             |                                    |                  |      |      | MDL  | Duration | EDT          | Unit Desc                   |                   |                |            |
|--------------------------------|-----|-----|------|------|-----------------------------------|------|---------|-------------|------------------------------------|------------------|------|------|------|----------|--------------|-----------------------------|-------------------|----------------|------------|
| Year                           | Exc | Evt | %Obs | #Obs | #Pri                              | #Sec | Min Obs | Percentages |                                    |                  |      |      |      |          |              |                             |                   | Maximum Values | Arith Mean |
| 44201-Ozone                    |     |     | 1    |      |                                   | 1113 |         |             |                                    |                  |      |      |      |          | 8-HR RUN AVG | 0                           | Parts per million |                |            |
| 2017                           | 0   | 89  | 7842 | 0    | 0                                 | .007 | 10      | 25          | 50                                 | 75               | 90   | 95   | 98   | 99       | BEGIN HOUR   | 1                           | 2                 | .0426          |            |
|                                |     |     |      |      |                                   |      | .024    | .035        | .042                               | .053             | .061 | .065 | .067 | .068     |              | .073                        | .072              |                |            |
| 88101-PM2.5 - Local Conditions |     |     | 1    |      |                                   | 1113 |         |             | R & P Model 2025                   | Gravimetric      |      |      | 2    | 24 HOUR  | 1            | Micrograms/cubic meter (LC) |                   |                |            |
| 2017                           | 0   | 89  | 325  | 7    | 7                                 | .1   | 10      | 25          | 50                                 | 75               | 90   | 95   | 98   | 99       |              | 1                           | 2                 | 7.64           |            |
|                                |     |     |      |      |                                   |      | 1.6     | 2.7         | 5.1                                | 9.2              | 15.3 | 23.9 | 36.0 | 44.3     |              | 60.1                        | 53.2              |                |            |
| 88101-PM2.5 - Local Conditions |     |     | 1    |      |                                   | 1113 |         |             | R & P Model 2025                   | Gravimetric      |      |      | 2    | 24 HOUR  | 2            | Micrograms/cubic meter (LC) |                   |                |            |
| 2017                           | 1   | 89  | 326  | 8    | 8                                 | .1   | 10      | 25          | 50                                 | 75               | 90   | 95   | 98   | 99       |              | 1                           | 2                 | 7.74           |            |
|                                |     |     |      |      |                                   |      | 1.6     | 2.7         | 5.1                                | 9.2              | 15.4 | 25.8 | 36.6 | 44.3     |              | 60.1                        | 53.2              |                |            |
| 88101-PM2.5 - Local Conditions |     |     | 1    |      |                                   | 1113 |         |             | R & P Model 2025                   | Gravimetric      |      |      | 2    | 24 HOUR  | 5            | Micrograms/cubic meter (LC) |                   |                |            |
| 2017                           | 1   | 89  | 326  | 8    | 8                                 | .1   | 10      | 25          | 50                                 | 75               | 90   | 95   | 98   | 99       |              | 1                           | 2                 | 7.74           |            |
|                                |     |     |      |      |                                   |      | 1.6     | 2.7         | 5.1                                | 9.2              | 15.4 | 25.8 | 36.6 | 44.3     |              | 60.1                        | 53.2              |                |            |
| 88101-PM2.5 - Local Conditions |     |     | 3    |      |                                   | 1113 |         |             | Thermo Scientific Model 5030 SHARP | Beta Attenuation |      |      | 2    | 1 HOUR   | 1            | Micrograms/cubic meter (LC) |                   |                |            |
| 2017                           | 0   | 87  | 7606 |      |                                   | -.5  | 10      | 25          | 50                                 | 75               | 90   | 95   | 98   | 99       |              | 1                           | 2                 | 7.42           |            |
|                                |     |     |      |      |                                   |      | 1.7     | 3.2         | 5.8                                | 9.7              | 14.5 | 19.6 | 24.7 | 29.4     |              | 51.9                        | 50.5              |                |            |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-003-0003  
 County: Box Elder  
 City: Brigham City  
 Support Agency: 1113  
 Address: 140 W.FISHBURN DRIVE, BRIGHAM CITY, UT

AQCR: UTAH  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +41.492707  
 Longitude: -112.018863  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,334.0

Site Comments: SITE FOR OZONE, PM2.5, AND MET:

| Parameter                      |         | POC  |      | PQAO |      | Method of Collection and Analysis |   |     |     |     |      |      | MDL  | Duration | EDT           | Unit Desc      |                             |      |
|--------------------------------|---------|------|------|------|------|-----------------------------------|---|-----|-----|-----|------|------|------|----------|---------------|----------------|-----------------------------|------|
| Year                           | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min Obs                           | Percentages                               |     |     |     |      |      |      |          |               | Maximum Values | Arith Mean                  |      |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   | Thermo Scientific Model 5030 SHARP w/VSCC |     |     |     |      |      |      | 2        | 1 HOUR        | 2              | Micrograms/cubic meter (LC) |      |
| 2017                           | 48      | 87   | 7654 |      |      | -.5                               | 10  | 25  | 50  | 75  | 90   | 95   | 98   | 99       |               | 1              | 2                           | 7.62 |
|                                |         |      |      |      |      |                                   | 1.7                                       | 3.3 | 5.9 | 9.8 | 15.0 | 20.6 | 26.9 | 32.7     |               |                | 56.8                        | 56.2 |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   | Thermo Scientific Model 5030 SHARP w/VSCC |     |     |     |      |      |      | 2        | 1 HOUR        | 5              | Micrograms/cubic meter (LC) |      |
| 2017                           | 48      | 87   | 7654 |      |      | -.5                               | 10  | 25  | 50  | 75  | 90   | 95   | 98   | 99       |               | 1              | 2                           | 7.62 |
|                                |         |      |      |      |      |                                   | 1.7                                       | 3.3 | 5.9 | 9.8 | 15.0 | 20.6 | 26.9 | 32.7     |               |                | 56.8                        | 56.2 |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   |   |     |     |     |      |      |      |          | 24-HR BLK AVG | 1              | Micrograms/cubic meter (LC) |      |
| 2017                           | 0       | 87   | 316  | 0    | 0    | .6                                | 10  | 25  | 50  | 75  | 90   | 95   | 98   | 99       |               | 1              | 2                           | 7.38 |
|                                |         |      |      |      |      |                                   | 2.3                                       | 3.9 | 6.3 | 9.5 | 13.3 | 17.3 | 22.2 | 26.4     |               |                | 29.1                        | 27.3 |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   |   |     |     |     |      |      |      |          | 24-HR BLK AVG | 2              | Micrograms/cubic meter (LC) |      |
| 2017                           | 0       | 87   | 318  | 2    | 2    | .6                                | 10  | 25  | 50  | 75  | 90   | 95   | 98   | 99       |               | 1              | 2                           | 7.59 |
|                                |         |      |      |      |      |                                   | 2.3                                       | 4.0 | 6.4 | 9.6 | 13.7 | 18.3 | 25.8 | 27.3     |               |                | 44.0                        | 36.2 |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   |   |     |     |     |      |      |      |          | 24-HR BLK AVG | 5              | Micrograms/cubic meter (LC) |      |
| 2017                           | 0       | 87   | 318  | 2    | 2    | .6                                | 10  | 25  | 50  | 75  | 90   | 95   | 98   | 99       |               | 1              | 2                           | 7.59 |
|                                |         |      |      |      |      |                                   | 2.3                                       | 4.0 | 6.4 | 9.6 | 13.7 | 18.3 | 25.8 | 27.3     |               |                | 44.0                        | 36.2 |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-003-7001  
 County: Box Elder  
 City: Not in a city  
 Support Agency: 195  
 Address: 8600 WEST 24000 NORTH PORTAGE, UTAH

AQCR: UTAH  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: RURAL  
 Land Use: AGRICULTURAL

Latitude: +41.945874  
 Longitude: -112.233973  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,369.0

Site Comments: SITE IS LOCATED IN MALAD VALLEY:

| Parameter |         | POC  |      | PQAO |      | Method of Collection and Analysis |             |      |      |      |      |      | MDL  | Duration     | EDT  | Unit Desc         |            |
|-----------|---------|------|------|------|------|-----------------------------------|-------------|------|------|------|------|------|------|--------------|------|-------------------|------------|
| Year      | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min Obs                           | Percentages |      |      |      |      |      |      |              |      | Maximum Values    | Arith Mean |
|           |         |      | 1    |      | 195  |                                   |             |      |      |      |      |      |      | 8-HR RUN AVG | 0    | Parts per million |            |
|           |         |      |      |      |      |                                   |             |      |      |      |      |      |      | BEGIN HOUR   |      |                   |            |
| 2017      | 0       | 99   | 8713 | 0    | 0    | .014                              | 10          | 25   | 50   | 75   | 90   | 95   | 98   | 99           | 1    | 2                 | .0378      |
|           |         |      |      |      |      |                                   | .026        | .029 | .035 | .043 | .056 | .058 | .062 | .063         | .068 | .065              |            |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-005-0007  
 County: Cache  
 City: Smithfield  
 Support Agency: 1113  
 Address: 675 West 220 North

AQCR: UTAH  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: RURAL  
 Land Use: RESIDENTIAL

Latitude: +41.842649  
 Longitude: -111.852199  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1.0

Site Comments:

| Parameter                      | POC |     | PQAO |      | Method of Collection and Analysis |      |      |      |   |      |      |      | MDL  | Duration | EDT  | Unit Desc |      |              |         |                               |       |      |  |
|--------------------------------|-----|-----|------|------|-----------------------------------|------|------|------|---|------|------|------|------|----------|------|-----------|------|--------------|---------|-------------------------------|-------|------|--|
| Year                           | Exc | Evt | %Obs | #Obs | #Pri                              | #Sec | Min  | Obs  | Percentages   |      |      |      |      |          |      |           |      |              | Maximum | Values                        | Arith | Mean |  |
| 42602-Nitrogen dioxide (NO2)   | 1   |     |      | 1113 |                                   |      |      |      | INSTRUMENTAL  |      |      |      |      |          |      |           | 2.7  | 1 HOUR       | 0       | Parts per billion             |       |      |  |
| 2017                           | 0   | 85  | 7459 |      |                                   |      | .0   | 10   | 25  | 50   | 75   | 90   | 95   | 98       | 99   | 1         | 2    | 5.44         |         |                               |       |      |  |
|                                |     |     |      |      |                                   |      |      | 1.0  | 2.0   | 4.0  | 7.0  | 12.0 | 17.0 | 23.0     | 28.0 |           | 49.0 | 42.0         |         |                               |       |      |  |
| 44201-Ozone                    | 1   |     |      | 1113 |                                   |      |      |      | INSTRUMENTAL  |      |      |      |      |          |      |           |      | 8-HR RUN AVG | 0       | Parts per million             |       |      |  |
| 2017                           | 0   | 93  | 8300 | 0    | 0                                 |      | .013 | 10   | 25  | 50   | 75   | 90   | 95   | 98       | 99   | 1         | 2    | .0440        |         |                               |       |      |  |
|                                |     |     |      |      |                                   |      |      | .030 | .038  | .045 | .051 | .055 | .058 | .062     | .063 |           | .064 | .064         |         |                               |       |      |  |
| 81102-PM10 Total 10um STP      | 1   |     |      | 1113 |                                   |      |      |      | R - P Co Partisol Model 2025                          |      |      |      |      |          |      |           | 4    | 24 HOUR      | 0       | Micrograms/cubic meter (25 C) |       |      |  |
| 2017                           | 0   | 88  | 323  | 0    | 0                                 |      | 0    | 10   | 25  | 50   | 75   | 90   | 95   | 98       | 99   | 1         | 2    | 18.5         |         |                               |       |      |  |
|                                |     |     |      |      |                                   |      |      | 4    | 7   | 15   | 26   | 36   | 44   | 64       | 72   |           | 95   | 80           |         |                               |       |      |  |
| 81102-PM10 Total 10um STP      | 2   |     |      | 1113 |                                   |      |      |      | R - P Co Partisol Model 2025                          |      |      |      |      |          |      |           | 4    | 24 HOUR      | 0       | Micrograms/cubic meter (25 C) |       |      |  |
| 2017                           | 0   | 80  | 52   | 0    | 0                                 |      | 2    | 10   | 25  | 50   | 75   | 90   | 95   | 98       | 99   | 1         | 2    | 15.5         |         |                               |       |      |  |
|                                |     |     |      |      |                                   |      |      | 4    | 9   | 12   | 23   | 29   | 33   | 36       | 40   |           | 40   | 36           |         |                               |       |      |  |
| 88101-PM2.5 - Local Conditions | 2   |     |      | 1113 |                                   |      |      |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC |      |      |      |      |          |      |           | 2    | 24 HOUR      | 1       | Micrograms/cubic meter (LC)   |       |      |  |
| 2017                           | 0   | 77  | 87   | 0    | 0                                 |      | .9   | 10   | 25  | 50   | 75   | 90   | 95   | 98       | 99   | 1         | 2    | 8.28         |         |                               |       |      |  |
|                                |     |     |      |      |                                   |      |      | 7.2  | 7.8   | 9.5  | 12.5 | 19.2 | 32.6 | 35.2     | 35.2 |           | 35.2 | 34.4         |         |                               |       |      |  |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-005-0007  
 County: Cache  
 City: Smithfield  
 Support Agency: 1113  
 Address: 675 West 220 North

AQCR: UTAH  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: RURAL  
 Land Use: RESIDENTIAL

Latitude: +41.842649  
 Longitude: -111.852199  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1.0

Site Comments:

| Parameter                      | POC |     | PQAO |      | Method of Collection and Analysis |      |       |     |  |                  |      |               | MDL  | Duration | EDT | Unit Desc                   |      |       |                |            |
|--------------------------------|-----|-----|------|------|-----------------------------------|------|-------|-----|--|------------------|------|---------------|------|----------|-----|-----------------------------|------|-------|----------------|------------|
| Year                           | Exc | Evt | %Obs | #Obs | #Pri                              | #Sec | Min   | Obs | Percentages  |                  |      |               |      |          |     |                             |      |       | Maximum Values | Arith Mean |
| 88101-PM2.5 - Local Conditions | 2   |     |      | 1113 |                                   |      |       |     | R & P Model 2025<br>PM-2.5 Sequential<br>Air Sampler<br>w/VSCC | Gravimetric      | 2    | 24 HOUR       | 2    |          |     | Micrograms/cubic meter (LC) |      |       |                |            |
| 2017                           | 2   | 77  | 89   | 2    | 2                                 | .9   | 10    | 25  | 50   | 75               | 90   | 95            | 98   | 99       |     | 1                           | 2    | 9.05  |                |            |
|                                |     |     |      |      |                                   |      | 7.3   | 7.8 | 9.8  | 15.0             | 32.6 | 35.2          | 47.2 | 47.2     |     | 47.2                        | 38.2 |       |                |            |
| 88101-PM2.5 - Local Conditions | 2   |     |      | 1113 |                                   |      |       |     | R & P Model 2025<br>PM-2.5 Sequential<br>Air Sampler<br>w/VSCC | Gravimetric      | 2    | 24 HOUR       | 5    |          |     | Micrograms/cubic meter (LC) |      |       |                |            |
| 2017                           | 2   | 77  | 89   | 2    | 2                                 | .9   | 10    | 25  | 50   | 75               | 90   | 95            | 98   | 99       |     | 1                           | 2    | 9.05  |                |            |
|                                |     |     |      |      |                                   |      | 7.3   | 7.8 | 9.8  | 15.0             | 32.6 | 35.2          | 47.2 | 47.2     |     | 47.2                        | 38.2 |       |                |            |
| 88101-PM2.5 - Local Conditions | 3   |     |      | 1113 |                                   |      |       |     | Thermo Scientific<br>TEOM 1405-DF<br>Dichotomous FDMS          | FDMS Gravimetric | 2    | 1 HOUR        | 0    |          |     | Micrograms/cubic meter (LC) |      |       |                |            |
| 2017                           | 0   | 82  | 7219 |      |                                   |      | -10.0 | 10  | 25   | 50               | 75   | 90            | 95   | 98       | 99  | 1                           | 2    | 7.47  |                |            |
|                                |     |     |      |      |                                   |      | .4    | 2.2 | 4.7  | 8.4              | 16.4 | 24.9          | 43.2 | 64.3     |     | 188.7                       | 98.8 |       |                |            |
| 88101-PM2.5 - Local Conditions | 3   |     |      | 1113 |                                   |      |       |     |  |                  |      | 24-HR BLK AVG | 0    |          |     | Micrograms/cubic meter (LC) |      |       |                |            |
| 2017                           | 0   | 82  | 300  | 8    | 8                                 | -1.4 | 10    | 25  | 50   | 75               | 90   | 95            | 98   | 99       |     | 1                           | 2    | 7.45  |                |            |
|                                |     |     |      |      |                                   |      | 1.6   | 2.7 | 4.8  | 7.6              | 15.2 | 25.4          | 39.3 | 62.5     |     | 83.3                        | 66.2 |       |                |            |
| 88101-PM2.5 - Local Conditions | 4   |     |      | 1113 |                                   |      |       |     | Thermo Scientific<br>Model 5030 SHARP<br>w/VSCC                | Beta Attenuation | 2    | 1 HOUR        | 1    |          |     | Micrograms/cubic meter (LC) |      |       |                |            |
| 2017                           | 0   | 100 | 7414 |      |                                   |      | .0    | 10  | 25   | 50               | 75   | 90            | 95   | 98       | 99  | 1                           | 2    | 10.27 |                |            |
|                                |     |     |      |      |                                   |      | 1.6   | 3.5 | 7.0  | 11.6             | 21.2 | 31.0          | 48.2 | 67.9     |     | 102.6                       | 96.1 |       |                |            |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-005-0007  
 County: Cache  
 City: Smithfield  
 Support Agency: 1113  
 Address: 675 West 220 North

AQCR: UTAH  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: RURAL  
 Land Use: RESIDENTIAL

Latitude: +41.842649  
 Longitude: -111.852199  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1.0

Site Comments:

| Parameter                      |         | POC  |      | PQAO |      | Method of Collection and Analysis |   |      |      |      |      |      | MDL  | Duration | EDT           | Unit Desc      |                             |  |
|--------------------------------|---------|------|------|------|------|-----------------------------------|---|------|------|------|------|------|------|----------|---------------|----------------|-----------------------------|--|
| Year                           | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min Obs                           | Percentages                               |      |      |      |      |      |      |          |               | Maximum Values | Arith Mean                  |  |
| 88101-PM2.5 - Local Conditions |         | 4    |      | 1113 |      |                                   | Thermo Scientific Model 5030 SHARP w/VSCC |      |      |      |      |      |      | 2        | 1 HOUR        | 2              | Micrograms/cubic meter (LC) |  |
| 2017                           | 120     | 100  | 7534 |      |      | .0                                | 10  | 25   | 50   | 75   | 90   | 95   | 98   | 99       | 1             | 2              | 10.76                       |  |
|                                |         |      |      |      |      |                                   | 1.8                                       | 3.7  | 7.2  | 12.1 | 22.8 | 35.8 | 51.9 | 67.9     |               | 102.6          | 96.1                        |  |
| 88101-PM2.5 - Local Conditions |         | 4    |      | 1113 |      |                                   | Thermo Scientific Model 5030 SHARP w/VSCC |      |      |      |      |      |      | 2        | 1 HOUR        | 5              | Micrograms/cubic meter (LC) |  |
| 2017                           | 120     | 100  | 7534 |      |      | .0                                | 10  | 25   | 50   | 75   | 90   | 95   | 98   | 99       | 1             | 2              | 10.76                       |  |
|                                |         |      |      |      |      |                                   | 1.8                                       | 3.7  | 7.2  | 12.1 | 22.8 | 35.8 | 51.9 | 67.9     |               | 102.6          | 96.1                        |  |
| 88101-PM2.5 - Local Conditions |         | 4    |      | 1113 |      |                                   |   |      |      |      |      |      |      |          | 24-HR BLK AVG | 1              | Micrograms/cubic meter (LC) |  |
| 2017                           | 0       | 97   | 308  | 12   | 12   | .7                                | 10  | 25   | 50   | 75   | 90   | 95   | 98   | 99       | 1             | 2              | 10.26                       |  |
|                                |         |      |      |      |      |                                   | 21.0                                      | 25.8 | 30.6 | 43.6 | 66.0 | 68.5 | 86.1 | 86.1     |               | 86.1           | 68.5                        |  |
| 88101-PM2.5 - Local Conditions |         | 4    |      | 1113 |      |                                   |   |      |      |      |      |      |      |          | 24-HR BLK AVG | 2              | Micrograms/cubic meter (LC) |  |
| 2017                           | 0       | 97   | 313  | 17   | 17   | .7                                | 10  | 25   | 50   | 75   | 90   | 95   | 98   | 99       | 1             | 2              | 10.74                       |  |
|                                |         |      |      |      |      |                                   | 25.8                                      | 28.6 | 37.9 | 47.6 | 66.0 | 68.5 | 86.1 | 86.1     |               | 86.1           | 68.5                        |  |
| 88101-PM2.5 - Local Conditions |         | 4    |      | 1113 |      |                                   |   |      |      |      |      |      |      |          | 24-HR BLK AVG | 5              | Micrograms/cubic meter (LC) |  |
| 2017                           | 0       | 97   | 313  | 17   | 17   | .7                                | 10  | 25   | 50   | 75   | 90   | 95   | 98   | 99       | 1             | 2              | 10.74                       |  |
|                                |         |      |      |      |      |                                   | 25.8                                      | 28.6 | 37.9 | 47.6 | 66.0 | 68.5 | 86.1 | 86.1     |               | 86.1           | 68.5                        |  |



FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

|  |                                  |                        |
|--|----------------------------------|------------------------|
| Site ID: 49-007-1003   | AQCR: UTAH                       | Latitude: +39.609960   |
| County: Carbon   | Urban Area: NOT IN AN URBAN AREA | Longitude: -110.800749 |
| City: Price  | Location Setting: SUBURBAN       | UTM Zone:              |
| Support Agency: 1113   | Land Use: RESIDENTIAL            | Utm Northing:          |
| Address: On Prperty of Resident at 351 W 2500 E. Price, Utah |                                  | Utm Easting:           |
|  |                                  | Vertical Meas: 1,722.0 |

Site Comments:

| Parameter                    | POC |     | PQAO |      | Method of Collection and Analysis |      |      |      |              |      |      | MDL  | Duration | EDT  | Unit Desc    |     |                   |         |                   |       |      |  |
|------------------------------|-----|-----|------|------|-----------------------------------|------|------|------|--------------|------|------|------|----------|------|--------------|-----|-------------------|---------|-------------------|-------|------|--|
| Year                         | Exc | Evt | %Obs | #Obs | #Pri                              | #Sec | Min  | Obs  | Percentages  |      |      |      |          |      |              |     |                   | Maximum | Values            | Arith | Mean |  |
| 42602-Nitrogen dioxide (NO2) | 1   |     |      | 1113 |                                   |      |      |      | INSTRUMENTAL |      |      |      |          |      |              | 2.7 | 1 HOUR            | 0       | Parts per billion |       |      |  |
| 2017                         | 0   | 79  | 6952 |      |                                   |      | .0   | 10   | 25           | 50   | 75   | 90   | 95       | 98   | 99           |     | 1                 | 2       | 2.68              |       |      |  |
|                              |     |     |      |      |                                   |      |      | .0   | 1.0          | 2.0  | 3.0  | 6.0  | 8.0      | 11.0 | 14.0         |     | 26.0              | 25.0    |                   |       |      |  |
| 44201-Ozone                  | 1   |     |      | 1113 |                                   |      |      |      |              |      |      |      |          |      | 8-HR RUN AVG | 0   | Parts per million |         |                   |       |      |  |
| 2017                         | 0   | 92  | 8065 | 0    | 0                                 |      | .028 | 10   | 25           | 50   | 75   | 90   | 95       | 98   | 99           |     | 1                 | 2       | .0495             |       |      |  |
|                              |     |     |      |      |                                   |      |      | .038 | .043         | .050 | .056 | .061 | .062     | .065 | .066         |     | .067              | .067    |                   |       |      |  |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-011-0004  
 County: Davis  
 City: Bountiful  
 Support Agency: 1113  
 Address: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH

AQCR: WASATCH FRONT  
 Urban Area: SALT LAKE CITY, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.902967  
 Longitude: -111.884467  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,309.0

Site Comments: NEW SITE TO REPLACE 490110001:

| Parameter                      | POC | PQAO |      | Method of Collection and Analysis |      |      |      |   |              |      |      |      | MDL  | Duration | EDT  | Unit Desc |      |         |              |                               |                   |       |      |  |
|--------------------------------|-----|------|------|-----------------------------------|------|------|------|---|--------------|------|------|------|------|----------|------|-----------|------|---------|--------------|-------------------------------|-------------------|-------|------|--|
| Year                           | Exc | Evt  | %Obs | #Obs                              | #Pri | #Sec | Min  | Obs   | Percentages  |      |      |      |      |          |      |           |      |         |              | Maximum                       | Values            | Arith | Mean |  |
| 42602-Nitrogen dioxide (NO2)   | 1   |      |      | 1113                              |      |      |      |   | INSTRUMENTAL |      |      |      |      |          |      |           |      | 2.7     | 1 HOUR       | 0                             | Parts per billion |       |      |  |
| 2017                           | 0   | 78   | 6854 |                                   |      |      | .0   | 10  | 25           | 50   | 75   | 90   | 95   | 98       | 99   |           | 1    | 2       | 11.52        |                               |                   |       |      |  |
|                                |     |      |      |                                   |      |      |      | 3.0   | 4.0          | 7.0  | 16.0 | 28.0 | 34.0 | 39.0     | 43.0 |           | 58.0 | 56.0    |              |                               |                   |       |      |  |
| 44201-Ozone                    | 1   |      |      | 1113                              |      |      |      |   | GAS PHASE    |      |      |      |      |          |      |           |      |         | 8-HR RUN AVG | 0                             | Parts per million |       |      |  |
| 2017                           | 0   | 99   | 8721 | 7                                 | 7    |      | .005 | 10  | 25           | 50   | 75   | 90   | 95   | 98       | 99   |           | 1    | 2       | .0457        |                               |                   |       |      |  |
|                                |     |      |      |                                   |      |      |      | .023  | .037         | .046 | .057 | .066 | .072 | .075     | .078 |           | .082 | .081    |              |                               |                   |       |      |  |
| 81102-PM10 Total 0-10um STP    | 5   |      |      | 1113                              |      |      |      | R - P Co Partisol Model 2000                          |              |      |      |      |      |          |      |           | 4    | 24 HOUR | 0            | Micrograms/cubic meter (25 C) |                   |       |      |  |
| 2017                           | 0   | 95   | 58   | 0                                 | 0    |      | 2    | 10  | 25           | 50   | 75   | 90   | 95   | 98       | 99   |           | 1    | 2       | 20.1         |                               |                   |       |      |  |
|                                |     |      |      |                                   |      |      |      | 5   | 11           | 18   | 28   | 38   | 41   | 48       | 48   |           | 48   | 48      |              |                               |                   |       |      |  |
| 88101-PM2.5 - Local Conditions | 1   |      |      | 1113                              |      |      |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC |              |      |      |      |      |          |      |           | 2    | 24 HOUR | 1            | Micrograms/cubic meter (LC)   |                   |       |      |  |
| 2017                           | 0   | 95   | 347  | 6                                 | 6    |      | 1.0  | 10  | 25           | 50   | 75   | 90   | 95   | 98       | 99   |           | 1    | 2       | 8.56         |                               |                   |       |      |  |
|                                |     |      |      |                                   |      |      |      | 2.0   | 3.4          | 6.1  | 10.9 | 18.3 | 26.6 | 35.2     | 38.0 |           | 45.2 | 43.2    |              |                               |                   |       |      |  |
| 88101-PM2.5 - Local Conditions | 1   |      |      | 1113                              |      |      |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC |              |      |      |      |      |          |      |           | 2    | 24 HOUR | 2            | Micrograms/cubic meter (LC)   |                   |       |      |  |
| 2017                           | 1   | 95   | 348  | 7                                 | 7    |      | 1.0  | 10  | 25           | 50   | 75   | 90   | 95   | 98       | 99   |           | 1    | 2       | 8.66         |                               |                   |       |      |  |
|                                |     |      |      |                                   |      |      |      | 2.0   | 3.4          | 6.2  | 10.9 | 18.5 | 28.9 | 36.0     | 39.8 |           | 45.2 | 43.7    |              |                               |                   |       |      |  |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-011-0004  
 County: Davis  
 City: Bountiful  
 Support Agency: 1113  
 Address: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH

AQCR: WASATCH FRONT  
 Urban Area: SALT LAKE CITY, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.902967  
 Longitude: -111.884467  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,309.0

Site Comments: NEW SITE TO REPLACE 490110001:

| Parameter                      |         | POC  |      | PQAO |      | Method of Collection and Analysis                     |     |             |     |     |      | MDL  | Duration      | EDT  | Unit Desc                   |                |            |      |
|--------------------------------|---------|------|------|------|------|---|-----|-------------|-----|-----|------|------|---------------|------|-----------------------------|----------------|------------|------|
| Year                           | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min   | Obs | Percentages |     |     |      |      |               |      |                             | Maximum Values | Arith Mean |      |
| 88101-PM2.5 - Local Conditions |         | 1    |      | 1113 |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC |     |             |     |     |      | 2    | 24 HOUR       | 5    | Micrograms/cubic meter (LC) |                |            |      |
| 2017                           | 1       | 95   | 348  | 7    | 7    | 1.0   | 10  | 25          | 50  | 75  | 90   | 95   | 98            | 99   |                             | 1              | 2          | 8.66 |
|                                |         |      |      |      |      |   |     | 2.0         | 3.4 | 6.2 | 10.9 | 18.5 | 28.9          | 36.0 | 39.8                        |                | 45.2       | 43.7 |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      | Thermo Scientific Model 5030 SHARP w/VSCC             |     |             |     |     |      | 2    | 1 HOUR        | 1    | Micrograms/cubic meter (LC) |                |            |      |
| 2017                           | 0       | 77   | 6681 |      |      | .1  | 10  | 25          | 50  | 75  | 90   | 95   | 98            | 99   |                             | 1              | 2          | 9.48 |
|                                |         |      |      |      |      |   |     | 1.7         | 3.6 | 7.0 | 12.5 | 19.8 | 28.1          | 36.5 | 41.2                        |                | 77.3       | 76.2 |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      | Thermo Scientific Model 5030 SHARP w/VSCC             |     |             |     |     |      | 2    | 1 HOUR        | 2    | Micrograms/cubic meter (LC) |                |            |      |
| 2017                           | 24      | 77   | 6705 |      |      | .1  | 10  | 25          | 50  | 75  | 90   | 95   | 98            | 99   |                             | 1              | 2          | 9.60 |
|                                |         |      |      |      |      |   |     | 1.7         | 3.7 | 7.0 | 12.5 | 20.1 | 28.9          | 36.9 | 42.5                        |                | 77.3       | 76.2 |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      | Thermo Scientific Model 5030 SHARP w/VSCC             |     |             |     |     |      | 2    | 1 HOUR        | 5    | Micrograms/cubic meter (LC) |                |            |      |
| 2017                           | 24      | 77   | 6705 |      |      | .1  | 10  | 25          | 50  | 75  | 90   | 95   | 98            | 99   |                             | 1              | 2          | 9.60 |
|                                |         |      |      |      |      |   |     | 1.7         | 3.7 | 7.0 | 12.5 | 20.1 | 28.9          | 36.9 | 42.5                        |                | 77.3       | 76.2 |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      | 24-HR BLK AVG   |     |             |     |     |      |      | 24-HR BLK AVG | 1    | Micrograms/cubic meter (LC) |                |            |      |
| 2017                           | 0       | 76   | 275  | 3    | 3    | .8  | 10  | 25          | 50  | 75  | 90   | 95   | 98            | 99   |                             | 1              | 2          | 9.46 |
|                                |         |      |      |      |      |   |     | 2.4         | 4.5 | 7.4 | 12.6 | 18.2 | 24.4          | 34.7 | 35.5                        |                | 39.3       | 36.4 |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-011-0004  
 County: Davis  
 City: Bountiful  
 Support Agency: 1113  
 Address: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH

AQCR: WASATCH FRONT  
 Urban Area: SALT LAKE CITY, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.902967  
 Longitude: -111.884467  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,309.0

Site Comments: NEW SITE TO REPLACE 490110001:

| Parameter                      |         | POC  |      | PQAO |      | Method of Collection and Analysis |     |             |     |      |      |      | MDL  | Duration | EDT           | Unit Desc |                             |            |
|--------------------------------|---------|------|------|------|------|-----------------------------------|-----|-------------|-----|------|------|------|------|----------|---------------|-----------|-----------------------------|------------|
| Year                           | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min                               | Obs | Percentages |     |      |      |      |      |          |               |           | Maximum Values              | Arith Mean |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   |     |             |     |      |      |      |      |          | 24-HR BLK AVG | 2         | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 76   | 276  | 4    | 4    | .8                                | 10  | 25          | 50  | 75   | 90   | 95   | 98   | 99       |               | 1         | 2                           | 9.59       |
|                                |         |      |      |      |      |                                   | 2.4 | 4.5         | 7.4 | 12.6 | 18.5 | 25.4 | 35.2 | 36.4     |               |           | 43.4                        | 39.3       |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   |     |             |     |      |      |      |      |          | 24-HR BLK AVG | 5         | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 76   | 276  | 4    | 4    | .8                                | 10  | 25          | 50  | 75   | 90   | 95   | 98   | 99       |               | 1         | 2                           | 9.59       |
|                                |         |      |      |      |      |                                   | 2.4 | 4.5         | 7.4 | 12.6 | 18.5 | 25.4 | 35.2 | 36.4     |               |           | 43.4                        | 39.3       |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-013-0002  
 County: Duchesne  
 City: Roosevelt  
 Support Agency: 1113  
 Address: 290 S. 1000 W.

AQCR: UTAH  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.294178  
 Longitude: -110.009732  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,596.0

Site Comments:

| Parameter                      | POC |     | PQAO |      | Method of Collection and Analysis |      |      |      |   |                   |      | MDL  | Duration | EDT           | Unit Desc |      |                             |         |        |                             |                   |  |
|--------------------------------|-----|-----|------|------|-----------------------------------|------|------|------|---|-------------------|------|------|----------|---------------|-----------|------|-----------------------------|---------|--------|-----------------------------|-------------------|--|
| Year                           | Exc | Evt | %Obs | #Obs | #Pri                              | #Sec | Min  | Obs  | Percentages                               |                   |      |      |          |               |           |      |                             | Maximum | Values | Arith                       | Mean              |  |
| 42602-Nitrogen dioxide (NO2)   | 1   |     |      | 1113 |                                   |      |      |      | INSTRUMENTAL                              | CHEMILUMINESCENCE |      |      |          |               |           |      | 1                           | 1 HOUR  | 0      |                             | Parts per billion |  |
| 2017                           | 0   | 94  | 8275 |      | .0                                | 10   | 25   | 50   | 75  | 90                | 95   | 98   | 99       |               | 1         | 2    | 4.05                        |         |        |                             |                   |  |
|                                |     |     |      |      | .7                                | 1.3  | 2.7  | 5.1  | 9.5                                       | 13.0              | 17.0 | 19.5 |          |               | 30.1      | 29.0 |                             |         |        |                             |                   |  |
| 44201-Ozone                    | 1   |     |      | 1113 |                                   |      |      |      |   |                   |      |      |          | 8-HR RUN AVG  | 0         |      | Parts per million           |         |        |                             |                   |  |
|                                |     |     |      |      |                                   |      |      |      |   |                   |      |      |          | BEGIN HOUR    |           |      |                             |         |        |                             |                   |  |
| 2017                           | 0   | 100 | 8742 | 7    | 7                                 | .024 | 10   | 25   | 50  | 75                | 90   | 95   | 98       | 99            | 1         | 2    | .0478                       |         |        |                             |                   |  |
|                                |     |     |      |      |                                   | .035 | .041 | .048 | .054                                      | .058              | .060 | .075 | .078     |               | .086      | .084 |                             |         |        |                             |                   |  |
| 88101-PM2.5 - Local Conditions | 3   |     |      | 1113 |                                   |      |      |      | Thermo Scientific Model 5030 SHARP w/VSCC | Beta Attenuation  |      |      |          |               |           |      | 2                           | 1 HOUR  | 0      | Micrograms/cubic meter (LC) |                   |  |
| 2017                           | 0   | 99  | 8669 |      | .0                                | 10   | 25   | 50   | 75  | 90                | 95   | 98   | 99       |               | 1         | 2    | 6.26                        |         |        |                             |                   |  |
|                                |     |     |      |      |                                   | 1.6  | 3.0  | 4.8  | 7.4                                       | 11.0              | 15.5 | 29.7 | 35.2     |               | 95.8      | 77.9 |                             |         |        |                             |                   |  |
| 88101-PM2.5 - Local Conditions | 3   |     |      | 1113 |                                   |      |      |      |   |                   |      |      |          | 24-HR BLK AVG | 0         |      | Micrograms/cubic meter (LC) |         |        |                             |                   |  |
| 2017                           | 0   | 99  | 361  | 1    | 1                                 | .5   | 10   | 25   | 50  | 75                | 90   | 95   | 98       | 99            | 1         | 2    | 6.23                        |         |        |                             |                   |  |
|                                |     |     |      |      |                                   | 2.3  | 3.7  | 4.9  | 7.2                                       | 10.7              | 12.6 | 28.2 | 31.8     |               | 40.6      | 33.9 |                             |         |        |                             |                   |  |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

|  |                                  |                        |
|--|----------------------------------|------------------------|
| Site ID: 49-013-7011                       | AQCR: UTAH                       | Latitude: +40.216779   |
| County: Duchesne                           | Urban Area: NOT IN AN URBAN AREA | Longitude: -110.182742 |
| City: Not in a city                        | Location Setting: RURAL          | UTM Zone:              |
| Support Agency: 687                        | Land Use: DESERT                 | Utm Northing:          |
| Address: 6000 SOUTH AND 10000 WEST (MYTON) |                                  | Utm Easting:           |
|  |                                  | Vertical Meas: 1,606.0 |

Site Comments: TSP, WS, WD, TEMP, %RH, PRECIP, SOLAR RADIATION:

| Parameter                    | POC     | PQAO |      | Method of Collection and Analysis |      |         |              |   |      |      |      |      |      | MDL  | Duration                   | EDT | Unit Desc         |      |                |            |                   |  |
|------------------------------|---------|------|------|-----------------------------------|------|---------|--------------|---|------|------|------|------|------|------|----------------------------|-----|-------------------|------|----------------|------------|-------------------|--|
| Year                         | Exc Evt | %Obs | #Obs | #Pri                              | #Sec | Min Obs | Percentages  |   |      |      |      |      |      |      |                            |     |                   |      | Maximum Values | Arith Mean |                   |  |
| 42602-Nitrogen dioxide (NO2) | 1       |      | 687  |                                   |      |         | Instrumental | Chemiluminescence<br>Teledyne API 200<br>EU/501 |      |      |      |      |      |      |                            |     |                   | .05  | 1 HOUR         | 0          | Parts per billion |  |
| 2017                         | 0       | 73   | 6414 |                                   |      | -.6     | 10           | 25  | 50   | 75   | 90   | 95   | 98   | 99   |                            |     | 1                 | 2    | 7.52           |            |                   |  |
|                              |         |      |      |                                   |      |         | 1.6          | 3.1   | 6.4  | 11.0 | 14.9 | 17.3 | 20.4 | 22.7 |                            |     | 42.2              | 41.5 |                |            |                   |  |
| 44201-Ozone                  | 1       |      | 687  |                                   |      |         |              |   |      |      |      |      |      |      | 8-HR RUN AVG<br>BEGIN HOUR | 0   | Parts per million |      |                |            |                   |  |
| 2017                         | 0       | 72   | 6393 | 5                                 | 5    | .030    | 10           | 25  | 50   | 75   | 90   | 95   | 98   | 99   |                            |     | 1                 | 2    | .0501          |            |                   |  |
|                              |         |      |      |                                   |      |         | .041         | .045  | .050 | .054 | .058 | .060 | .074 | .083 |                            |     | .088              | .088 |                |            |                   |  |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-035-1001  
 County: Salt Lake  
 City: Magna  
 Support Agency: 1113  
 Address: 2935 SOUTH 8560 WEST MAGNA,UTAH

AQCR: WASATCH FRONT  
 Urban Area: SALT LAKE CITY, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.708611  
 Longitude: -112.094722  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,317.0

Site Comments:

| Parameter                   | POC |     | PQAO |      | Method of Collection and Analysis | MDL    | Duration                | EDT                                     | Unit Desc                     |         |
|-----------------------------|-----|-----|------|------|-----------------------------------|--------|-------------------------|---|-------------------------------|---------|
|                             | Exc | Evt | %Obs | #Obs |                                   |        |                         |   | #Pri                          | #Sec    |
| 14129-Lead (TSP) LC         |     | 1   |      | 1113 | Hi-Vol                            | .00002 | 24 HOUR                 | 0                                       | Micrograms/cubic meter (LC)   |         |
| 2017                        | 0   | 51  | 31   | 0    | 0                                 | .004   | 10 25 50 75 90 95 98 99 | .005 .007 .019 .050 .088 .116 .129 .129 | 1                             | 2 .0353 |
| 14129-Lead (TSP) LC         |     | 2   |      | 1113 | Hi-Vol                            | .00002 | 24 HOUR                 | 0                                       | Micrograms/cubic meter (LC)   |         |
| 2017                        | 0   | 47  | 14   | 0    | 0                                 | .005   | 10 25 50 75 90 95 98 99 | .006 .008 .027 .076 .134 .148 .148 .148 | 1                             | 2 .0457 |
| 81102-PM10 Total 0-10um STP |     | 3   |      | 1113 | R - P Co Partisol Model 2025      | 4      | 24 HOUR                 | 1                                       | Micrograms/cubic meter (25 C) |         |
| 2017                        | 0   | 100 | 359  | 0    | 0                                 | 1      | 10 25 50 75 90 95 98 99 | 4 8 16 26 33 39 49 62                   | 1                             | 2 18.3  |
| 81102-PM10 Total 0-10um STP |     | 3   |      | 1113 | R - P Co Partisol Model 2025      | 4      | 24 HOUR                 | 2                                       | Micrograms/cubic meter (25 C) |         |
| 2017                        | 1   | 100 | 360  | 1    | 1                                 | 1      | 10 25 50 75 90 95 98 99 | 4 8 16 26 33 40 50 64                   | 1                             | 2 18.7  |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-035-1001  
 County: Salt Lake  
 City: Magna  
 Support Agency: 1113  
 Address: 2935 SOUTH 8560 WEST MAGNA,UTAH

AQCR: WASATCH FRONT  
 Urban Area: SALT LAKE CITY, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.708611  
 Longitude: -112.094722  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,317.0

Site Comments:

| Parameter                      | POC  |         | PQAO |      | Method of Collection and Analysis |      |   |                                     |             |      |      |  |  |  | MDL | Duration | EDT | Unit Desc      |            |         |                             |                               |  |
|--------------------------------|------|---------|------|------|-----------------------------------|------|---|-------------------------------------|-------------|------|------|--|--|--|-----|----------|-----|----------------|------------|---------|-----------------------------|-------------------------------|--|
|                                | Year | Exc Evt | %Obs | #Obs | #Pri                              | #Sec | Min Obs   | Percentages                         |             |      |      |  |  |  |     |          |     | Maximum Values | Arith Mean |         |                             |                               |  |
| 81102-PM10 Total 10um STP      | 0-   | 3       |      |      |                                   |      |   | R - P Co Partisol Model 2025        | Gravimetric |      |      |  |  |  |     |          |     |                | 4          | 24 HOUR | 5                           | Micrograms/cubic meter (25 C) |  |
| 2017                           | 1    | 100     | 360  | 1    | 1                                 | 1    | 10 25 50 75 90 95 98 99                               | 4 8 16 26 33 40 50 64               | 170         | 73   | 18.7 |  |  |  |     |          |     |                |            |         |                             |                               |  |
| 88101-PM2.5 - Local Conditions | 1    |         |      |      |                                   |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC | Gravimetric                         |             |      |      |  |  |  |     |          |     | 2              | 24 HOUR    | 1       | Micrograms/cubic meter (LC) |                               |  |
| 2017                           | 0    | 96      | 350  | 1    | 1                                 | .9   | 10 25 50 75 90 95 98 99                               | 2.0 3.1 5.3 8.6 16.8 23.8 29.0 32.0 | 36.9        | 34.2 | 7.35 |  |  |  |     |          |     |                |            |         |                             |                               |  |
| 88101-PM2.5 - Local Conditions | 1    |         |      |      |                                   |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC | Gravimetric                         |             |      |      |  |  |  |     |          |     | 2              | 24 HOUR    | 2       | Micrograms/cubic meter (LC) |                               |  |
| 2017                           | 1    | 96      | 351  | 2    | 2                                 | .9   | 10 25 50 75 90 95 98 99                               | 2.0 3.1 5.3 8.8 17.3 24.4 30.1 32.6 | 37.1        | 36.9 | 7.43 |  |  |  |     |          |     |                |            |         |                             |                               |  |
| 88101-PM2.5 - Local Conditions | 1    |         |      |      |                                   |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC | Gravimetric                         |             |      |      |  |  |  |     |          |     | 2              | 24 HOUR    | 5       | Micrograms/cubic meter (LC) |                               |  |
| 2017                           | 1    | 96      | 351  | 2    | 2                                 | .9   | 10 25 50 75 90 95 98 99                               | 2.0 3.1 5.3 8.8 17.3 24.4 30.1 32.6 | 37.1        | 36.9 | 7.43 |  |  |  |     |          |     |                |            |         |                             |                               |  |



FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

|  |                                |                        |
|--|--------------------------------|------------------------|
| Site ID: 49-035-3006                         | AQCR: WASATCH FRONT            | Latitude: +40.736389   |
| County: Salt Lake                            | Urban Area: SALT LAKE CITY, UT | Longitude: -111.872222 |
| City: Salt Lake City                         | Location Setting: SUBURBAN     | UTM Zone:              |
| Support Agency: 1113                         | Land Use: RESIDENTIAL          | Utm Northing:          |
| Address: 1675 SOUTH 600 EAST, SALT LAKE CITY |                                | Utm Easting:           |
|  |                                | Vertical Meas: 1,306.0 |

Site Comments:

| Parameter                    | POC | PQAO | Method of Collection and Analysis |      |      |      |      |      |                   |                    |      |      | MDL  | Duration | EDT      | Unit Desc |                        |      |                   |       |         |        |       |      |
|------------------------------|-----|------|-----------------------------------|------|------|------|------|------|-------------------|--------------------|------|------|------|----------|----------|-----------|------------------------|------|-------------------|-------|---------|--------|-------|------|
| Year                         | Exc | Evt  | %Obs                              | #Obs | #Pri | #Sec | Min  | Obs  | Percentages       |                    |      |      |      |          |          |           |                        |      |                   |       | Maximum | Values | Arith | Mean |
| 42101-Carbon monoxide        | 1   |      |                                   | 1113 |      |      |      |      |                   |                    |      |      |      |          |          |           | 8-HR RUN AVG           | 0    | Parts per million |       |         |        |       |      |
| 2017                         | 0   | 92   | 8085                              | 0    | 0    | .1   | 10   | 25   | 50                | 75                 | 90   | 95   | 98   | 99       |          |           | END HOUR               | 1    | 2                 | .29   |         |        |       |      |
|                              |     |      |                                   |      |      | .1   | .2   | .2   | .3                | .6                 | .7   | .9   | 1.0  |          |          |           |                        | 1.7  | 1.5               |       |         |        |       |      |
| 42401-Sulfur dioxide         | 1   |      |                                   | 1113 |      |      |      |      | INSTRUMENTAL      | Pulsed Fluorescent |      |      | .2   |          | 1 HOUR   | 0         | Parts per billion      |      |                   |       |         |        |       |      |
| 2017                         | 0   | 77   | 6766                              | 0    |      | .0   | 10   | 25   | 50                | 75                 | 90   | 95   | 98   | 99       |          |           |                        | 1    | 2                 | 1.04  |         |        |       |      |
|                              |     |      |                                   |      |      | .2   | .4   | .8   | 1.6               | 2.3                | 2.7  | 3.1  | 3.3  |          |          |           |                        | 3.9  | 3.5               |       |         |        |       |      |
| 42401-Sulfur dioxide         | 2   |      |                                   | 1113 |      |      |      |      | INSTRUMENTAL      | Pulsed Fluorescent |      |      | .2   |          | 5 MINUTE | 0         | Parts per billion      |      |                   |       |         |        |       |      |
| 2017                         | 0   | 74   | 77311                             |      |      | .0   | 10   | 25   | 50                | 75                 | 90   | 95   | 98   | 99       |          |           |                        | 1    | 2                 | .31   |         |        |       |      |
|                              |     |      |                                   |      |      | .0   | .0   | .1   | .4                | .8                 | 1.3  | 1.9  | 2.3  |          |          |           |                        | 5.8  | 5.8               |       |         |        |       |      |
| 42602-Nitrogen dioxide (NO2) | 1   |      |                                   | 1113 |      |      |      |      | INSTRUMENTAL      | GAS PHASE          |      |      | 2.7  |          | 1 HOUR   | 0         | Parts per billion      |      |                   |       |         |        |       |      |
| 2017                         | 0   | 84   | 7354                              |      |      | .0   | 10   | 25   | 50                | 75                 | 90   | 95   | 98   | 99       |          |           |                        | 1    | 2                 | 12.69 |         |        |       |      |
|                              |     |      |                                   |      |      | 2.0  | 4.0  | 8.0  | 18.0              | 31.0               | 37.0 | 42.0 | 46.0 |          |          |           |                        | 64.0 | 62.0              |       |         |        |       |      |
| 44201-Ozone                  | 1   |      |                                   | 1113 |      |      |      |      |                   |                    |      |      |      |          |          |           | 8-HR RUN AVG           | 0    | Parts per million |       |         |        |       |      |
| 2017                         | 0   | 81   | 7233                              | 9    | 9    | .003 | 10   | 25   | 50                | 75                 | 90   | 95   | 98   | 99       |          |           | BEGIN HOUR             | 1    | 2                 | .0470 |         |        |       |      |
|                              |     |      |                                   |      |      | .025 | .038 | .047 | .059              | .068               | .072 | .079 | .083 |          |          |           |                        | .083 | .083              |       |         |        |       |      |
| 81102-PM10 Total 10um STP    | 1   |      |                                   | 1113 |      |      |      |      | R - P Co Partisol | Gravimetric        |      |      | 4    |          | 24 HOUR  | 0         | Micrograms/cubic meter |      |                   |       |         |        |       |      |
| 2017                         | 0   | 88   | 323                               | 0    | 0    | 2    | 10   | 25   | 50                | 75                 | 90   | 95   | 98   | 99       |          |           |                        | 1    | 2                 | 21.1  |         |        |       |      |
|                              |     |      |                                   |      |      | 6    | 12   | 18   | 28                | 37                 | 48   | 63   | 75   |          |          |           |                        | 84   | 77                |       |         |        |       |      |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-035-3006  
 County: Salt Lake  
 City: Salt Lake City  
 Support Agency: 1113  
 Address: 1675 SOUTH 600 EAST, SALT LAKE CITY

AQCR: WASATCH FRONT  
 Urban Area: SALT LAKE CITY, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.736389  
 Longitude: -111.872222  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,306.0

Site Comments:

| Parameter                      |         | POC  |      | PQAO |      | Method of Collection and Analysis                     |     |             |     |     |      |      | MDL  | Duration      | EDT | Unit Desc                   |                |            |
|--------------------------------|---------|------|------|------|------|---|-----|-------------|-----|-----|------|------|------|---------------|-----|-----------------------------|----------------|------------|
| Year                           | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min   | Obs | Percentages |     |     |      |      |      |               |     |                             | Maximum Values | Arith Mean |
| 88101-PM2.5 - Local Conditions |         | 1    |      | 1113 |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC |     |             |     |     |      |      | 2    | 24 HOUR       | 1   | Micrograms/cubic meter (LC) |                |            |
| 2017                           | 0       | 96   | 351  | 9    | 9    | 1.0   | 10  | 25          | 50  | 75  | 90   | 95   | 98   | 99            |     | 1                           | 2              | 8.44       |
|                                |         |      |      |      |      |   | 2.5 | 3.5         | 5.7 | 9.5 | 18.3 | 26.0 | 38.5 | 45.2          |     | 62.5                        | 51.2           |            |
| 88101-PM2.5 - Local Conditions |         | 1    |      | 1113 |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC |     |             |     |     |      |      | 2    | 24 HOUR       | 2   | Micrograms/cubic meter (LC) |                |            |
| 2017                           | 1       | 96   | 352  | 10   | 10   | 1.0   | 10  | 25          | 50  | 75  | 90   | 95   | 98   | 99            |     | 1                           | 2              | 8.52       |
|                                |         |      |      |      |      |   | 2.5 | 3.5         | 5.7 | 9.6 | 18.3 | 27.0 | 38.5 | 45.2          |     | 62.5                        | 51.2           |            |
| 88101-PM2.5 - Local Conditions |         | 1    |      | 1113 |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC |     |             |     |     |      |      | 2    | 24 HOUR       | 5   | Micrograms/cubic meter (LC) |                |            |
| 2017                           | 1       | 96   | 352  | 10   | 10   | 1.0   | 10  | 25          | 50  | 75  | 90   | 95   | 98   | 99            |     | 1                           | 2              | 8.52       |
|                                |         |      |      |      |      |   | 2.5 | 3.5         | 5.7 | 9.6 | 18.3 | 27.0 | 38.5 | 45.2          |     | 62.5                        | 51.2           |            |
| 88101-PM2.5 - Local Conditions |         | 4    |      | 1113 |      | Thermo Scientific Model 5030 SHARP w/VSCC             |     |             |     |     |      |      | 2    | 1 HOUR        | 0   | Micrograms/cubic meter (LC) |                |            |
| 2017                           | 0       | 100  | 8737 |      |      | .0  | 10  | 25          | 50  | 75  | 90   | 95   | 98   | 99            |     | 1                           | 2              | 8.22       |
|                                |         |      |      |      |      |   | 2.3 | 3.4         | 5.7 | 9.2 | 16.6 | 26.4 | 36.7 | 46.7          |     | 69.1                        | 69.0           |            |
| 88101-PM2.5 - Local Conditions |         | 4    |      | 1113 |      |   |     |             |     |     |      |      |      | 24-HR BLK AVG | 0   | Micrograms/cubic meter (LC) |                |            |
| 2017                           | 0       | 100  | 364  | 8    | 8    | 1.6   | 10  | 25          | 50  | 75  | 90   | 95   | 98   | 99            |     | 1                           | 2              | 8.16       |
|                                |         |      |      |      |      |   | 2.9 | 3.8         | 5.8 | 9.2 | 15.9 | 23.5 | 35.7 | 41.9          |     | 56.8                        | 46.8           |            |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-035-3006  
 County: Salt Lake  
 City: Salt Lake City  
 Support Agency: 1113  
 Address: 1675 SOUTH 600 EAST, SALT LAKE CITY

AQCR: WASATCH FRONT  
 Urban Area: SALT LAKE CITY, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.736389  
 Longitude: -111.872222  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,306.0

Site Comments:

| Parameter                      |         | POC  |      | PQAO |      | Method of Collection and Analysis |   |     |     |     |      | MDL  | Duration | EDT           | Unit Desc      |                             |      |
|--------------------------------|---------|------|------|------|------|-----------------------------------|---|-----|-----|-----|------|------|----------|---------------|----------------|-----------------------------|------|
| Year                           | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min Obs                           | Percentages   |     |     |     |      |      |          |               | Maximum Values | Arith Mean                  |      |
| 88101-PM2.5 - Local Conditions |         | 5    |      | 1113 |      |                                   | Thermo Scientific<br>TEOM 1405-DF<br>Dichotomous FDMS |     |     |     |      |      | 2        | 1 HOUR        | 0              | Micrograms/cubic meter (LC) |      |
| 2017                           | 0       | 95   | 8359 |      |      | -10.0                             | 10  | 25  | 50  | 75  | 90   | 95   | 98       | 99            | 1              | 2                           | 8.03 |
|                                |         |      |      |      |      |                                   | 1.2   | 2.9 | 5.2 | 9.2 | 18.5 | 28.1 | 39.1     | 47.5          |                | 80.2                        | 79.5 |
| 88101-PM2.5 - Local Conditions |         | 5    |      | 1113 |      |                                   |   |     |     |     |      |      |          | 24-HR BLK AVG | 0              | Micrograms/cubic meter (LC) |      |
| 2017                           | 0       | 96   | 349  | 9    | 9    | .5                                | 10  | 25  | 50  | 75  | 90   | 95   | 98       | 99            | 1              | 2                           | 8.01 |
|                                |         |      |      |      |      |                                   | 2.5   | 3.6 | 5.2 | 8.9 | 18.1 | 25.4 | 36.7     | 40.5          |                | 59.0                        | 49.3 |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-035-3010  
 County: Salt Lake  
 City: Salt Lake City  
 Support Agency: 1113  
 Address: 1250 NORTH 1400 WEST

AQCR: WASATCH FRONT  
 Urban Area: SALT LAKE CITY, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.784220  
 Longitude: -111.931000  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,286.0

Site Comments:

| Parameter                      |         | POC  |      | PQAO |      | Method of Collection and Analysis                     |      |             |      |      |      | MDL  | Duration | EDT  | Unit Desc                   |            |      |
|--------------------------------|---------|------|------|------|------|---|------|-------------|------|------|------|------|----------|------|-----------------------------|------------|------|
| Year                           | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min   | Obs  | Percentages |      |      |      |      |          |      | Maximum Values              | Arith Mean |      |
| 88101-PM2.5 - Local Conditions |         | 1    |      | 1113 |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC |      |             |      |      |      | 2    | 24 HOUR  | 1    | Micrograms/cubic meter (LC) |            |      |
| 2017                           | 0       | 88   | 320  | 8    | 8    | 1.1   | 10   | 25          | 50   | 75   | 90   | 95   | 98       | 99   | 1                           | 2          | 8.82 |
|                                |         |      |      |      |      |   | 2.5  | 4.0         | 6.5  | 10.2 | 16.8 | 24.8 | 38.5     | 40.5 |                             | 51.4       | 47.1 |
| 88101-PM2.5 - Local Conditions |         | 1    |      | 1113 |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC |      |             |      |      |      | 2    | 24 HOUR  | 2    | Micrograms/cubic meter (LC) |            |      |
| 2017                           | 2       | 88   | 322  | 10   | 10   | 1.1   | 10   | 25          | 50   | 75   | 90   | 95   | 98       | 99   | 1                           | 2          | 9.00 |
|                                |         |      |      |      |      |   | 2.8  | 4.0         | 6.7  | 10.3 | 17.6 | 27.0 | 38.5     | 40.5 |                             | 51.4       | 47.1 |
| 88101-PM2.5 - Local Conditions |         | 1    |      | 1113 |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC |      |             |      |      |      | 2    | 24 HOUR  | 5    | Micrograms/cubic meter (LC) |            |      |
| 2017                           | 2       | 88   | 322  | 10   | 10   | 1.1   | 10   | 25          | 50   | 75   | 90   | 95   | 98       | 99   | 1                           | 2          | 9.00 |
|                                |         |      |      |      |      |   | 2.8  | 4.0         | 6.7  | 10.3 | 17.6 | 27.0 | 38.5     | 40.5 |                             | 51.4       | 47.1 |
| 88101-PM2.5 - Local Conditions |         | 2    |      | 1113 |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC |      |             |      |      |      | 2    | 24 HOUR  | 1    | Micrograms/cubic meter (LC) |            |      |
| 2017                           | 0       | 97   | 283  | 6    | 6    | 1.1   | 10   | 25          | 50   | 75   | 90   | 95   | 98       | 99   | 1                           | 2          | 8.85 |
|                                |         |      |      |      |      |   | 12.4 | 12.9        | 15.8 | 22.9 | 36.1 | 39.6 | 40.5     | 51.5 |                             | 51.5       | 40.5 |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-035-3010  
 County: Salt Lake  
 City: Salt Lake City  
 Support Agency: 1113  
 Address: 1250 NORTH 1400 WEST

AQCR: WASATCH FRONT  
 Urban Area: SALT LAKE CITY, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.784220  
 Longitude: -111.931000  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,286.0

Site Comments:

| Year                           | Exc | Evt | POC  |      | PQAO |       | Method of Collection and Analysis |   |             |      |      |      | MDL  | Duration | EDT     | Unit Desc      |                             |  |
|--------------------------------|-----|-----|------|------|------|-------|-----------------------------------|---|-------------|------|------|------|------|----------|---------|----------------|-----------------------------|--|
|                                |     |     | %Obs | #Obs | #Pri | #Sec  | Min                               | Obs   | Percentages |      |      |      |      |          |         | Maximum Values | Arith Mean                  |  |
| 88101-PM2.5 - Local Conditions |     |     |      |      |      |       |                                   |   |             |      |      |      |      |          |         |                |                             |  |
|                                | 2   |     |      |      | 1113 |       |                                   | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC |             |      |      |      |      | 2        | 24 HOUR | 2              | Micrograms/cubic meter (LC) |  |
| 2017                           | 2   | 97  | 285  | 8    | 8    | 1.1   | 10                                | 25  | 50          | 75   | 90   | 95   | 98   | 99       | 1       | 2              | 9.07                        |  |
|                                |     |     |      |      |      |       | 12.5                              | 13.1  | 16.0        | 27.1 | 37.7 | 40.5 | 40.9 | 51.5     | 51.5    | 40.9           |                             |  |
| 88101-PM2.5 - Local Conditions |     |     |      |      |      |       |                                   |   |             |      |      |      |      |          |         |                |                             |  |
|                                | 2   |     |      |      | 1113 |       |                                   | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC |             |      |      |      |      | 2        | 24 HOUR | 5              | Micrograms/cubic meter (LC) |  |
| 2017                           | 2   | 97  | 285  | 8    | 8    | 1.1   | 10                                | 25  | 50          | 75   | 90   | 95   | 98   | 99       | 1       | 2              | 9.07                        |  |
|                                |     |     |      |      |      |       | 12.5                              | 13.1  | 16.0        | 27.1 | 37.7 | 40.5 | 40.9 | 51.5     | 51.5    | 40.9           |                             |  |
| 88101-PM2.5 - Local Conditions |     |     |      |      |      |       |                                   |   |             |      |      |      |      |          |         |                |                             |  |
|                                | 3   |     |      |      | 1113 |       |                                   | Thermo Scientific TEOM 1405-DF Dichotomous FDMS       |             |      |      |      |      | 2        | 1 HOUR  | 1              | Micrograms/cubic meter (LC) |  |
| 2017                           | 0   | 89  | 7716 |      |      | -10.0 | 10                                | 25  | 50          | 75   | 90   | 95   | 98   | 99       | 1       | 2              | 6.95                        |  |
|                                |     |     |      |      |      |       | .9                                | 2.5   | 4.8         | 8.6  | 15.0 | 21.9 | 31.8 | 38.9     | 118.5   | 63.1           |                             |  |
| 88101-PM2.5 - Local Conditions |     |     |      |      |      |       |                                   |   |             |      |      |      |      |          |         |                |                             |  |
|                                | 3   |     |      |      | 1113 |       |                                   | Thermo Scientific TEOM 1405-DF Dichotomous FDMS       |             |      |      |      |      | 2        | 1 HOUR  | 2              | Micrograms/cubic meter (LC) |  |
| 2017                           | 48  | 89  | 7764 |      |      | -10.0 | 10                                | 25  | 50          | 75   | 90   | 95   | 98   | 99       | 1       | 2              | 7.15                        |  |
|                                |     |     |      |      |      |       | .9                                | 2.6   | 4.9         | 8.7  | 15.4 | 22.6 | 33.6 | 39.8     | 357.8   | 279.6          |                             |  |
| 88101-PM2.5 - Local Conditions |     |     |      |      |      |       |                                   |   |             |      |      |      |      |          |         |                |                             |  |
|                                | 3   |     |      |      | 1113 |       |                                   | Thermo Scientific TEOM 1405-DF Dichotomous FDMS       |             |      |      |      |      | 2        | 1 HOUR  | 5              | Micrograms/cubic meter (LC) |  |
| 2017                           | 48  | 89  | 7764 |      |      | -10.0 | 10                                | 25  | 50          | 75   | 90   | 95   | 98   | 99       | 1       | 2              | 7.15                        |  |
|                                |     |     |      |      |      |       | .9                                | 2.6   | 4.9         | 8.7  | 15.4 | 22.6 | 33.6 | 39.8     | 357.8   | 279.6          |                             |  |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-035-3010  
 County: Salt Lake  
 City: Salt Lake City  
 Support Agency: 1113  
 Address: 1250 NORTH 1400 WEST

AQCR: WASATCH FRONT  
 Urban Area: SALT LAKE CITY, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.784220  
 Longitude: -111.931000  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,286.0

Site Comments:

| Parameter                      |         | POC  |      | PQAO |      | Method of Collection and Analysis |   |     |      |      |                  |      | MDL  | Duration      | EDT | Unit Desc                   |            |
|--------------------------------|---------|------|------|------|------|-----------------------------------|---|-----|------|------|------------------|------|------|---------------|-----|-----------------------------|------------|
| Year                           | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min Obs                           | Percentages                               |     |      |      |                  |      |      |               |     | Maximum Values              | Arith Mean |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   |   |     |      |      |                  |      |      | 24-HR BLK AVG | 1   | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 88   | 318  | 3    | 3    | .0                                | 10  | 25  | 50   | 75   | 90               | 95   | 98   | 99            | 1   | 2                           | 6.83       |
|                                |         |      |      |      |      |                                   | 2.0                                       | 3.1 | 5.1  | 8.2  | 14.0             | 18.1 | 29.3 | 32.1          |     | 40.0                        | 36.2       |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   |   |     |      |      |                  |      |      | 24-HR BLK AVG | 2   | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 88   | 320  | 5    | 5    | .0                                | 10  | 25  | 50   | 75   | 90               | 95   | 98   | 99            | 1   | 2                           | 7.03       |
|                                |         |      |      |      |      |                                   | 2.1                                       | 3.2 | 5.2  | 8.3  | 14.1             | 19.4 | 31.2 | 36.2          |     | 40.0                        | 40.0       |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   |   |     |      |      |                  |      |      | 24-HR BLK AVG | 5   | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 88   | 320  | 5    | 5    | .0                                | 10  | 25  | 50   | 75   | 90               | 95   | 98   | 99            | 1   | 2                           | 7.03       |
|                                |         |      |      |      |      |                                   | 2.1                                       | 3.2 | 5.2  | 8.3  | 14.1             | 19.4 | 31.2 | 36.2          |     | 40.0                        | 40.0       |
| 88101-PM2.5 - Local Conditions |         | 4    |      | 1113 |      |                                   | Thermo Scientific Model 5030 SHARP w/VSCC |     |      |      | Beta Attenuation |      | 2    | 1 HOUR        | 0   | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 4    | 374  |      |      | .5                                | 10  | 25  | 50   | 75   | 90               | 95   | 98   | 99            | 1   | 2                           | 13.21      |
|                                |         |      |      |      |      |                                   | 1.2                                       | 3.1 | 9.0  | 22.2 | 33.2             | 35.8 | 40.1 | 41.9          |     | 44.9                        | 42.8       |
| 88101-PM2.5 - Local Conditions |         | 4    |      | 1113 |      |                                   |   |     |      |      |                  |      |      | 24-HR BLK AVG | 0   | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 4    | 16   | 0    | 0    | 2.0                               | 10  | 25  | 50   | 75   | 90               | 95   | 98   | 99            | 1   | 2                           | 13.06      |
|                                |         |      |      |      |      |                                   | 2.9                                       | 5.0 | 10.9 | 24.9 | 30.1             | 32.4 | 32.4 | 32.4          |     | 32.4                        | 30.1       |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-035-3013  
 County: Salt Lake  
 City: Herriman  
 Support Agency: 1113  
 Address: 14058 Mirabella Dr.

AQCR: WASATCH FRONT  
 Urban Area: SALT LAKE CITY, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.496392  
 Longitude: -112.036298  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1.0

Site Comments:

| Year                           | Exc | Evt | POC  |      | PQAO |      | Method of Collection and Analysis |   |             |      |      |      | MDL  | Duration | EDT          | Unit Desc |                               |       |
|--------------------------------|-----|-----|------|------|------|------|-----------------------------------|---|-------------|------|------|------|------|----------|--------------|-----------|-------------------------------|-------|
|                                |     |     | %Obs | #Obs | #Pri | #Sec | Min                               | Obs   | Percentages |      |      |      |      |          |              | Maximum   | Values                        | Arith |
|                                |     |     |      | 1    |      | 1113 |                                   | INSTRUMENTAL                                    |             |      |      |      |      | 2.7      | 1 HOUR       | 0         | Parts per billion             |       |
|                                |     |     |      |      |      |      |                                   | GAS PHASE                                       |             |      |      |      |      |          |              |           |                               |       |
|                                |     |     |      |      |      |      |                                   | CHEMILUMINESCENCE                               |             |      |      |      |      |          |              |           |                               |       |
| 2017                           | 0   | 90  | 90   | 7903 |      |      | .0                                | 10  | 25          | 50   | 75   | 90   | 95   | 98       | 99           | 1         | 2                             | 6.30  |
|                                |     |     |      |      |      |      |                                   | 1.0   | 2.0         | 4.0  | 8.0  | 14.0 | 21.0 | 30.0     | 36.0         |           | 96.0                          | 57.0  |
|                                |     |     |      | 1    |      | 1113 |                                   |   |             |      |      |      |      |          | 8-HR RUN AVG | 0         | Parts per million             |       |
|                                |     |     |      |      |      |      |                                   |   |             |      |      |      |      |          | BEGIN HOUR   |           |                               |       |
| 2017                           | 0   | 98  | 98   | 8641 | 6    | 6    | .008                              | 10  | 25          | 50   | 75   | 90   | 95   | 98       | 99           | 1         | 2                             | .0488 |
|                                |     |     |      |      |      |      |                                   | .033  | .040        | .048 | .057 | .067 | .071 | .074     | .078         |           | .083                          | .083  |
| 81102-PM10 Total 0-10um STP    |     |     | 0-   | 1    |      | 1113 |                                   | R - P Co Partisol Model 2025                    |             |      |      |      |      | 4        | 24 HOUR      | 1         | Micrograms/cubic meter (25 C) |       |
| 2017                           | 0   | 97  | 97   | 354  | 0    | 0    | 1                                 | 10  | 25          | 50   | 75   | 90   | 95   | 98       | 99           | 1         | 2                             | 19.8  |
|                                |     |     |      |      |      |      |                                   | 4   | 8           | 17   | 28   | 39   | 46   | 54       | 60           |           | 87                            | 86    |
| 81102-PM10 Total 0-10um STP    |     |     | 0-   | 1    |      | 1113 |                                   | R - P Co Partisol Model 2025                    |             |      |      |      |      | 4        | 24 HOUR      | 2         | Micrograms/cubic meter (25 C) |       |
| 2017                           | 1   | 97  | 97   | 355  | 1    | 1    | 1                                 | 10  | 25          | 50   | 75   | 90   | 95   | 98       | 99           | 1         | 2                             | 20.4  |
|                                |     |     |      |      |      |      |                                   | 4   | 8           | 18   | 29   | 39   | 46   | 57       | 70           |           | 229                           | 87    |
| 81102-PM10 Total 0-10um STP    |     |     | 0-   | 1    |      | 1113 |                                   | R - P Co Partisol Model 2025                    |             |      |      |      |      | 4        | 24 HOUR      | 5         | Micrograms/cubic meter (25 C) |       |
| 2017                           | 1   | 97  | 97   | 355  | 1    | 1    | 1                                 | 10  | 25          | 50   | 75   | 90   | 95   | 98       | 99           | 1         | 2                             | 20.4  |
|                                |     |     |      |      |      |      |                                   | 4   | 8           | 18   | 29   | 39   | 46   | 57       | 70           |           | 229                           | 87    |
| 88101-PM2.5 - Local Conditions |     |     |      | 3    |      | 1113 |                                   | Thermo Scientific TEOM 1405-DF Dichotomous FDMS |             |      |      |      |      | 2        | 1 HOUR       | 0         | Micrograms/cubic meter (LC)   |       |
| 2017                           | 0   | 95  | 95   | 8351 |      |      | -10.0                             | 10  | 25          | 50   | 75   | 90   | 95   | 98       | 99           | 1         | 2                             | 5.65  |
|                                |     |     |      |      |      |      |                                   | -.6   | 1.1         | 3.4  | 6.9  | 13.5 | 21.7 | 34.7     | 41.8         |           | 161.7                         | 161.3 |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-035-3013  
 County: Salt Lake  
 City: Herriman  
 Support Agency: 1113  
 Address: 14058 Mirabella Dr.

AQCR: WASATCH FRONT  
 Urban Area: SALT LAKE CITY, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.496392  
 Longitude: -112.036298  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1.0

Site Comments:

| Parameter                      |         | POC  |      | PQAO |      | Method of Collection and Analysis |     |             |     |     |      |      | MDL  | Duration      | EDT | Unit Desc                   |                |            |
|--------------------------------|---------|------|------|------|------|-----------------------------------|-----|-------------|-----|-----|------|------|------|---------------|-----|-----------------------------|----------------|------------|
| Year                           | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min                               | Obs | Percentages |     |     |      |      |      |               |     |                             | Maximum Values | Arith Mean |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   |     |             |     |     |      |      |      | 24-HR BLK AVG | 0   | Micrograms/cubic meter (LC) |                |            |
| 2017                           | 0       | 95   | 346  | 2    | 2    | -1.4                              | 10  | 25          | 50  | 75  | 90   | 95   | 98   | 99            |     | 1                           | 2              | 5.64       |
|                                |         |      |      |      |      |                                   | .9  | 2.0         | 3.7 | 6.8 | 12.1 | 20.3 | 28.2 | 32.3          |     | 46.4                        | 39.4           |            |



FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

|  |                                  |                        |
|--|----------------------------------|------------------------|
| Site ID: 49-037-0101                     | AQCR: FOUR CORNERS               | Latitude: +38.458320   |
| County: San Juan                         | Urban Area: NOT IN AN URBAN AREA | Longitude: -109.821260 |
| City: Not in a city                      | Location Setting: RURAL          | UTM Zone:              |
| Support Agency: 0745                     | Land Use: DESERT                 | Utm Northing:          |
| Address: CANYONLANDS NATIONAL PARK, UTAH |                                  | Utm Easting:           |
|  |                                  | Vertical Meas: 1,794.0 |

Site Comments: OZONE AND MET PARAMETERS INSTALLED ON 08/13/92 DASIBI 1003-AH ANALYZER, DASIBI 1003-PC CALIBRATOR, CLIMATRONICS MET:

| Parameter   | POC |     | PQAO |      | Method of Collection and Analysis |      |      |      |             |      |      | MDL  | Duration | EDT  | Unit Desc    |      |                   |                |            |
|-------------|-----|-----|------|------|-----------------------------------|------|------|------|-------------|------|------|------|----------|------|--------------|------|-------------------|----------------|------------|
| Year        | Exc | Evt | %Obs | #Obs | #Pri                              | #Sec | Min  | Obs  | Percentages |      |      |      |          |      |              |      |                   | Maximum Values | Arith Mean |
| 44201-Ozone |     |     | 1    |      |                                   | 0745 |      |      |             |      |      |      |          |      | 8-HR RUN AVG | 0    | Parts per million |                |            |
|             |     |     |      |      |                                   |      |      |      |             |      |      |      |          |      | BEGIN HOUR   |      |                   |                |            |
| 2017        | 0   | 88  | 7836 | 0    | 0                                 | .031 | 10   | 25   | 50          | 75   | 90   | 95   | 98       | 99   |              | 1    | 2                 | .0479          |            |
|             |     |     |      |      |                                   |      | .038 | .042 | .048        | .054 | .058 | .060 | .063     | .064 |              | .070 | .069              |                |            |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-045-0004  
 County: Tooele  
 City: Erda  
 Support Agency: 1113  
 Address: 2163 W. Erda Way

AQCR: WASATCH FRONT  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: RURAL  
 Land Use: COMMERCIAL

Latitude: +40.600532  
 Longitude: -112.353414  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1.0

Site Comments:

| Year | Parameter                      |     | POC  |      | PQAO |      | Method of Collection and Analysis                              |    |    |    |    |    | MDL | Duration     | EDT | Unit Desc                   |            |      |
|------|--------------------------------|-----|------|------|------|------|--|----|----|----|----|----|-----|--------------|-----|-----------------------------|------------|------|
|      | Exc                            | Evt | %Obs | #Obs | #Pri | #Sec | Percentages  |    |    |    |    |    |     |              |     | Maximum Values              | Arith Mean |      |
|      | 42602-Nitrogen dioxide (NO2)   |     | 1    |      | 1113 |      | INSTRUMENTAL   |    |    |    |    |    | 2.7 | 1 HOUR       | 0   | Parts per billion           |            |      |
| 2017 | 0                              | 95  | 8302 |      |      |      | .0   | 10 | 25 | 50 | 75 | 90 | 95  | 98           | 99  | 1                           | 2          | 3.31 |
|      | 44201-Ozone                    |     | 1    |      | 1113 |      | CHEMILUMINESCENCE  |    |    |    |    |    |     | 8-HR RUN AVG | 0   | Parts per million           |            |      |
| 2017 | 0                              | 99  | 8726 | 6    | 6    | .006 | 10   | 25 | 50 | 75 | 90 | 95 | 98  | 99           | 1   | 2                           | .0467      |      |
|      | 88101-PM2.5 - Local Conditions |     | 1    |      | 1113 |      | R & P Model 2025<br>PM-2.5 Sequential<br>Air Sampler<br>w/VSCC |    |    |    |    |    | 2   | 24 HOUR      | 1   | Micrograms/cubic meter (LC) |            |      |
| 2017 | 0                              | 99  | 361  | 0    | 0    | .5   | 10   | 25 | 50 | 75 | 90 | 95 | 98  | 99           | 1   | 2                           | 6.77       |      |
|      | 88101-PM2.5 - Local Conditions |     | 1    |      | 1113 |      | Gravimetric  |    |    |    |    |    | 2   | 24 HOUR      | 2   | Micrograms/cubic meter (LC) |            |      |
| 2017 | 1                              | 99  | 362  | 1    | 1    | .5   | 10   | 25 | 50 | 75 | 90 | 95 | 98  | 99           | 1   | 2                           | 6.85       |      |
|      | 88101-PM2.5 - Local Conditions |     | 1    |      | 1113 |      | Gravimetric  |    |    |    |    |    | 2   | 24 HOUR      | 5   | Micrograms/cubic meter (LC) |            |      |
| 2017 | 1                              | 99  | 362  | 1    | 1    | .5   | 10   | 25 | 50 | 75 | 90 | 95 | 98  | 99           | 1   | 2                           | 6.85       |      |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-045-0004  
 County: Tooele  
 City: Erda  
 Support Agency: 1113  
 Address: 2163 W. Erda Way

AQCR: WASATCH FRONT  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: RURAL  
 Land Use: COMMERCIAL

Latitude: +40.600532  
 Longitude: -112.353414  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1.0

Site Comments:

| Parameter                      |         | POC  |      | PQAO |      | Method of Collection and Analysis                          |     |             |     |     |      |      | MDL  | Duration      | EDT | Unit Desc                   |                |            |
|--------------------------------|---------|------|------|------|------|--|-----|-------------|-----|-----|------|------|------|---------------|-----|-----------------------------|----------------|------------|
| Year                           | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min  | Obs | Percentages |     |     |      |      |      |               |     |                             | Maximum Values | Arith Mean |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      | Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation |     |             |     |     |      |      | 2    | 1 HOUR        | 1   | Micrograms/cubic meter (LC) |                |            |
| 2017                           | 0       | 89   | 7800 |      |      | -2.5   | 10  | 25          | 50  | 75  | 90   | 95   | 98   | 99            |     | 1                           | 2              | 6.13       |
|                                |         |      |      |      |      |  | .6  | 1.7         | 4.0 | 8.1 | 14.7 | 19.9 | 26.8 | 31.1          |     | 102.0                       | 94.5           |            |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      | Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation |     |             |     |     |      |      | 2    | 1 HOUR        | 2   | Micrograms/cubic meter (LC) |                |            |
| 2017                           | 24      | 89   | 7824 |      |      | -2.5   | 10  | 25          | 50  | 75  | 90   | 95   | 98   | 99            |     | 1                           | 2              | 6.25       |
|                                |         |      |      |      |      |  | .7  | 1.7         | 4.0 | 8.2 | 14.9 | 20.3 | 28.0 | 33.0          |     | 102.0                       | 94.5           |            |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      | Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation |     |             |     |     |      |      | 2    | 1 HOUR        | 5   | Micrograms/cubic meter (LC) |                |            |
| 2017                           | 24      | 89   | 7824 |      |      | -2.5   | 10  | 25          | 50  | 75  | 90   | 95   | 98   | 99            |     | 1                           | 2              | 6.25       |
|                                |         |      |      |      |      |  | .7  | 1.7         | 4.0 | 8.2 | 14.9 | 20.3 | 28.0 | 33.0          |     | 102.0                       | 94.5           |            |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      | Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation |     |             |     |     |      |      | 2    | 24-HR BLK AVG | 1   | Micrograms/cubic meter (LC) |                |            |
| 2017                           | 0       | 89   | 325  | 0    | 0    | -1.1   | 10  | 25          | 50  | 75  | 90   | 95   | 98   | 99            |     | 1                           | 2              | 6.08       |
|                                |         |      |      |      |      |  | .8  | 2.3         | 4.6 | 8.8 | 13.4 | 16.7 | 20.5 | 23.8          |     | 30.5                        | 28.9           |            |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      | Thermo Scientific Model 5030 SHARP w/VSCC Beta Attenuation |     |             |     |     |      |      | 2    | 24-HR BLK AVG | 2   | Micrograms/cubic meter (LC) |                |            |
| 2017                           | 0       | 89   | 326  | 1    | 1    | -1.1   | 10  | 25          | 50  | 75  | 90   | 95   | 98   | 99            |     | 1                           | 2              | 6.20       |
|                                |         |      |      |      |      |  | .8  | 2.3         | 4.6 | 8.8 | 13.4 | 16.9 | 20.9 | 26.4          |     | 43.4                        | 30.5           |            |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-045-0004  
 County: Tooele  
 City: Erda  
 Support Agency: 1113  
 Address: 2163 W. Erda Way

AQCR: WASATCH FRONT  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: RURAL  
 Land Use: COMMERCIAL

Latitude: +40.600532  
 Longitude: -112.353414  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1.0

Site Comments:

| Parameter                      |         | POC  |      | PQAO |      | Method of Collection and Analysis |             |     |     |     |      |      | MDL  | Duration      | EDT | Unit Desc |                             |            |
|--------------------------------|---------|------|------|------|------|-----------------------------------|-------------|-----|-----|-----|------|------|------|---------------|-----|-----------|-----------------------------|------------|
| Year                           | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min Obs                           | Percentages |     |     |     |      |      |      |               |     |           | Maximum Values              | Arith Mean |
| 88101-PM2.5 - Local Conditions |         | 3    |      |      | 1113 |                                   |             |     |     |     |      |      |      | 24-HR BLK AVG | 5   |           | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 89   | 326  | 1    | 1    | -1.1                              | 10          | 25  | 50  | 75  | 90   | 95   | 98   | 99            |     | 1         | 2                           | 6.20       |
|                                |         |      |      |      |      |                                   | .8          | 2.3 | 4.6 | 8.8 | 13.4 | 16.9 | 20.9 | 26.4          |     | 43.4      | 30.5                        |            |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-047-1002  
 County: Uintah  
 City: Not in a city  
 Support Agency: 0745  
 Address: Dinosaur National Monument

AQCR: UTAH  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: RURAL  
 Land Use: FOREST

Latitude: +40.437200  
 Longitude: -109.304700  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,463.0

Site Comments:

| Parameter |         | POC  |      | PQAO |      | Method of Collection and Analysis |             |      |      |      |      | MDL  | Duration     | EDT  | Unit Desc      |                   |       |
|-----------|---------|------|------|------|------|-----------------------------------|-------------|------|------|------|------|------|--------------|------|----------------|-------------------|-------|
| Year      | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min Obs                           | Percentages |      |      |      |      |      |              |      | Maximum Values | Arith Mean        |       |
|           |         |      | 1    |      |      | 0745                              |             |      |      |      |      |      | 8-HR RUN AVG | 0    |                | Parts per million |       |
|           |         |      |      |      |      |                                   |             |      |      |      |      |      | BEGIN HOUR   |      |                |                   |       |
| 2017      | 0       | 96   | 8578 | 1    | 1    | .028                              | 10          | 25   | 50   | 75   | 90   | 95   | 98           | 99   | 1              | 2                 | .0483 |
|           |         |      |      |      |      |                                   | .036        | .042 | .048 | .054 | .059 | .062 | .068         | .074 | .077           | .075              |       |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-047-1004  
 County: Uintah  
 City: Vernal  
 Support Agency: 1113  
 Address: 628 North 1700 West

AQCR: UTAH  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: URBAN AND CENTER CITY  
 Land Use: RESIDENTIAL

Latitude: +40.464710  
 Longitude: -109.561472  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1.0

Site Comments:

| Parameter                      | POC |     | PQAO |      | Method of Collection and Analysis |      |      |      |   |      |      |      | MDL              | Duration | EDT | Unit Desc |       |               |         |                             |       |      |  |
|--------------------------------|-----|-----|------|------|-----------------------------------|------|------|------|---|------|------|------|------------------|----------|-----|-----------|-------|---------------|---------|-----------------------------|-------|------|--|
| Year                           | Exc | Evt | %Obs | #Obs | #Pri                              | #Sec | Min  | Obs  | Percentages                               |      |      |      |                  |          |     |           |       |               | Maximum | Values                      | Arith | Mean |  |
| 42602-Nitrogen dioxide (NO2)   | 1   |     |      | 1113 |                                   |      |      |      | INSTRUMENTAL CHEMILUMINESCENCE            |      |      |      |                  |          |     |           | 1     | 1 HOUR        | 0       | Parts per billion           |       |      |  |
| 2017                           | 0   | 89  | 7768 |      |                                   |      | .0   | 10   | 25  | 50   | 75   | 90   | 95               | 98       | 99  | 1         | 2     | 3.95          |         |                             |       |      |  |
|                                |     |     |      |      |                                   |      | 1.0  | 1.0  | 3.0                                       | 5.0  | 9.0  | 12.0 | 18.0             | 22.0     |     | 48.0      | 46.0  |               |         |                             |       |      |  |
| 44201-Ozone                    | 1   |     |      | 1113 |                                   |      |      |      |   |      |      |      |                  |          |     |           |       | 8-HR RUN AVG  | 0       | Parts per million           |       |      |  |
|                                |     |     |      |      |                                   |      |      |      |   |      |      |      |                  |          |     |           |       | BEGIN HOUR    |         |                             |       |      |  |
| 2017                           | 0   | 99  | 8713 | 0    | 0                                 |      | .025 | 10   | 25  | 50   | 75   | 90   | 95               | 98       | 99  | 1         | 2     | .0479         |         |                             |       |      |  |
|                                |     |     |      |      |                                   |      | .036 | .042 | .049                                      | .054 | .059 | .061 | .064             | .068     |     | .069      | .069  |               |         |                             |       |      |  |
| 88101-PM2.5 - Local Conditions | 4   |     |      | 1113 |                                   |      |      |      | Thermo Scientific Model 5030 SHARP w/VSCC |      |      |      | Beta Attenuation |          |     |           | 2     | 1 HOUR        | 0       | Micrograms/cubic meter (LC) |       |      |  |
| 2017                           | 0   | 100 | 8756 |      |                                   |      | .9   | 10   | 25  | 50   | 75   | 90   | 95               | 98       | 99  | 1         | 2     | 5.70          |         |                             |       |      |  |
|                                |     |     |      |      |                                   |      | 1.9  | 2.7  | 4.1                                       | 6.5  | 10.9 | 15.5 | 23.6             | 27.7     |     | 146.9     | 122.1 |               |         |                             |       |      |  |
| 88101-PM2.5 - Local Conditions | 4   |     |      | 1113 |                                   |      |      |      |   |      |      |      |                  |          |     |           |       | 24-HR BLK AVG | 0       | Micrograms/cubic meter (LC) |       |      |  |
| 2017                           | 0   | 100 | 365  | 0    | 0                                 |      | 1.9  | 10   | 25  | 50   | 75   | 90   | 95               | 98       | 99  | 1         | 2     | 5.65          |         |                             |       |      |  |
|                                |     |     |      |      |                                   |      | 2.4  | 3.0  | 4.2                                       | 6.4  | 10.8 | 15.1 | 20.6             | 22.7     |     | 26.1      | 23.8  |               |         |                             |       |      |  |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

|   |                                  |                        |
|---|----------------------------------|------------------------|
| Site ID: 49-047-2002                                  | AQCR: UTAH                       | Latitude: +40.206291   |
| County: Uintah  | Urban Area: NOT IN AN URBAN AREA | Longitude: -109.353932 |
| City: Not in a city                                   | Location Setting: RURAL          | UTM Zone:              |
| Support Agency: 687                                   | Land Use: DESERT                 | Utm Northing:          |
| Address: 2 Miles west of Redwash atop Deadman's Bench |                                  | Utm Easting:           |
|   |                                  | Vertical Meas: 1,701.8 |

Site Comments:

| Parameter                    |         | POC  |      | PQAO |      | Method of Collection and Analysis |      |             |      |      |      |      | MDL  | Duration                   | EDT  | Unit Desc         |         |        |            |
|------------------------------|---------|------|------|------|------|-----------------------------------|------|-------------|------|------|------|------|------|----------------------------|------|-------------------|---------|--------|------------|
| Year                         | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min                               | Obs  | Percentages |      |      |      |      |      |                            |      |                   | Maximum | Values | Arith Mean |
| 42602-Nitrogen dioxide (NO2) |         | 1    |      | 687  |      | INSTRUMENTAL CHEMILUMINESCENCE    |      |             |      |      |      |      | 1    | 1 HOUR                     | 0    | Parts per billion |         |        |            |
| 2017                         | 0       | 73   | 6406 |      |      | .1                                | 10   | 25          | 50   | 75   | 90   | 95   | 98   | 99                         | 1    | 2                 | 2.11    |        |            |
|                              |         |      |      |      |      | .6                                | .8   | 1.4         | 2.5  | 4.6  | 6.5  | 8.8  | 10.5 |                            | 20.2 | 18.6              |         |        |            |
| 44201-Ozone                  |         | 1    |      | 687  |      |                                   |      |             |      |      |      |      |      | 8-HR RUN AVG<br>BEGIN HOUR | 0    | Parts per million |         |        |            |
| 2017                         | 0       | 73   | 6492 | 4    | 4    | .030                              | 10   | 25          | 50   | 75   | 90   | 95   | 98   | 99                         | 1    | 2                 | .0501   |        |            |
|                              |         |      |      |      |      | .041                              | .045 | .050        | .054 | .058 | .061 | .071 | .077 |                            | .084 | .080              |         |        |            |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

|   |                                  |                        |
|---|----------------------------------|------------------------|
| Site ID: 49-047-2003  | AQCR: UTAH                       | Latitude: +40.056710   |
| County: Uintah  | Urban Area: NOT IN AN URBAN AREA | Longitude: -109.688108 |
| City: Not in a city   | Location Setting: RURAL          | UTM Zone:              |
| Support Agency: 687   | Land Use: DESERT                 | Utm Northing:          |
| Address: 2 miles south of Ouray and south of the White and Green River confluence |                                  | Utm Easting:           |
|   |                                  | Vertical Meas: 1,466.8 |

Site Comments:

| Parameter                    |         | POC  |      | PQAO |      | Method of Collection and Analysis |      |                   |      |      |      |      | MDL  | Duration | EDT | Unit Desc                  |         |                   |            |
|------------------------------|---------|------|------|------|------|-----------------------------------|------|-------------------|------|------|------|------|------|----------|-----|----------------------------|---------|-------------------|------------|
| Year                         | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min                               | Obs  | Percentages       |      |      |      |      |      |          |     |                            | Maximum | Values            | Arith Mean |
| 42602-Nitrogen dioxide (NO2) |         | 1    |      | 687  |      | INSTRUMENTAL                      |      | CHEMILUMINESCENCE |      |      |      |      |      |          | 1   | 1 HOUR                     | 0       | Parts per billion |            |
| 2017                         | 0       | 73   | 6404 |      |      | .1                                | 10   | 25                | 50   | 75   | 90   | 95   | 98   | 99       |     | 1                          | 2       | 2.71              |            |
|                              |         |      |      |      |      | .8                                | 1.1  | 1.8               | 3.2  | 5.8  | 8.3  | 12.8 | 14.5 |          |     | 19.1                       | 18.8    |                   |            |
| 44201-Ozone                  |         | 1    |      | 687  |      | INSTRUMENTAL                      |      | CHEMILUMINESCENCE |      |      |      |      |      |          | 1   | 8-HR RUN AVG<br>BEGIN HOUR | 0       | Parts per million |            |
| 2017                         | 0       | 73   | 6454 | 8    | 8    | .024                              | 10   | 25                | 50   | 75   | 90   | 95   | 98   | 99       |     | 1                          | 2       | .0542             |            |
|                              |         |      |      |      |      | .044                              | .049 | .053              | .058 | .062 | .065 | .097 | .105 |          |     | .111                       | .110    |                   |            |



FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

|                                    |                                  |                        |
|------------------------------------|----------------------------------|------------------------|
| Site ID: 49-047-7022               | AQCR: UTAH                       | Latitude: +40.483598   |
| County: Uintah                     | Urban Area: NOT IN AN URBAN AREA | Longitude: -109.906796 |
| City: Not in a city                | Location Setting: RURAL          | UTM Zone:              |
| Support Agency: 687                | Land Use: DESERT                 | Utm Northing:          |
| Address: WHITE ROCKS & COUNTY ROAD |                                  | Utm Easting:           |
|                                    |                                  | Vertical Meas: 1,893.0 |

Site Comments: WS, WD, PRECIP, TEMP, RH%, AND COLLOCATED TSP:

| Parameter                    | POC | PQAO | Method of Collection and Analysis |      |      |      |      |      |              |   |      |      | MDL  | Duration | EDT                        | Unit Desc |                   |      |       |     |         |        |                   |      |  |  |
|------------------------------|-----|------|-----------------------------------|------|------|------|------|------|--------------|---|------|------|------|----------|----------------------------|-----------|-------------------|------|-------|-----|---------|--------|-------------------|------|--|--|
| Year                         | Exc | Evt  | %Obs                              | #Obs | #Pri | #Sec | Min  | Obs  | Percentages  |   |      |      |      |          |                            |           |                   |      |       |     | Maximum | Values | Arith             | Mean |  |  |
| 42602-Nitrogen dioxide (NO2) | 1   |      |                                   | 687  |      |      |      |      | Instrumental | Chemiluminescence<br>Teledyne API 200<br>EU/501 |      |      |      |          |                            |           |                   |      |       | .05 | 1 HOUR  | 0      | Parts per billion |      |  |  |
| 2017                         | 0   | 74   | 6504                              |      |      |      | .1   | 10   | 25           | 50  | 75   | 90   | 95   | 98       | 99                         |           | 1                 | 2    | 4.55  |     |         |        |                   |      |  |  |
|                              |     |      |                                   |      |      |      |      | 1.8  | 3.5          | 4.5   | 5.6  | 6.9  | 7.8  | 9.0      | 9.9                        |           | 19.4              | 16.8 |       |     |         |        |                   |      |  |  |
| 44201-Ozone                  | 1   |      |                                   | 687  |      |      |      |      |              |   |      |      |      |          | 8-HR RUN AVG<br>BEGIN HOUR | 0         | Parts per million |      |       |     |         |        |                   |      |  |  |
| 2017                         | 0   | 74   | 6491                              | 1    | 1    |      | .031 | 10   | 25           | 50  | 75   | 90   | 95   | 98       | 99                         |           | 1                 | 2    | .0484 |     |         |        |                   |      |  |  |
|                              |     |      |                                   |      |      |      |      | .041 | .044         | .048  | .052 | .056 | .058 | .062     | .069                       |           | .076              | .070 |       |     |         |        |                   |      |  |  |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-049-0002  
 County: Utah  
 City: Provo  
 Support Agency: 1113  
 Address: 1355 NORTH 200 WEST PROVO UT

AQCR: WASATCH FRONT  
 Urban Area: PROVO-OREM, UT  
 Location Setting: URBAN AND CENTER CITY  
 Land Use: COMMERCIAL

Latitude: +40.253611  
 Longitude: -111.663056  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,402.0

Site Comments:

| Parameter                      | POC | PQAO |      | Method of Collection and Analysis |      |      |      |   |              |           |      |      |      | MDL  | Duration | EDT    | Unit Desc                     |                   |                   |       |         |        |       |      |
|--------------------------------|-----|------|------|-----------------------------------|------|------|------|---|--------------|-----------|------|------|------|------|----------|--------|-------------------------------|-------------------|-------------------|-------|---------|--------|-------|------|
| Year                           | Exc | Evt  | %Obs | #Obs                              | #Pri | #Sec | Min  | Obs   | Percentages  |           |      |      |      |      |          |        |                               |                   |                   |       | Maximum | Values | Arith | Mean |
| 42101-Carbon monoxide          | 1   |      |      | 1113                              |      |      |      |   |              |           |      |      |      |      |          |        | 8-HR RUN AVG                  | 0                 | Parts per million |       |         |        |       |      |
| 2017                           | 0   | 99   | 8694 | 0                                 | 0    |      | .0   | 10  | 25           | 50        | 75   | 90   | 95   | 98   | 99       |        | END HOUR                      | 1                 | 2                 | .34   |         |        |       |      |
|                                |     |      |      |                                   |      |      |      |   | .1           | .2        | .3   | .4   | .7   | .8   | 1.0      | 1.1    |                               |                   | 1.6               | 1.6   |         |        |       |      |
| 42602-Nitrogen dioxide (NO2)   | 1   |      |      | 1113                              |      |      |      |   | INSTRUMENTAL | GAS PHASE |      |      |      |      | 2.7      | 1 HOUR | 0                             | Parts per billion |                   |       |         |        |       |      |
| 2017                           | 0   | 86   | 7500 |                                   |      |      | .0   | 10  | 25           | 50        | 75   | 90   | 95   | 98   | 99       |        |                               | 1                 | 2                 | 14.56 |         |        |       |      |
|                                |     |      |      |                                   |      |      |      |   | 3.0          | 5.0       | 11.0 | 22.0 | 31.0 | 36.0 | 42.0     | 47.0   |                               |                   | 61.0              | 61.0  |         |        |       |      |
| 44201-Ozone                    | 2   |      |      | 1113                              |      |      |      |   |              |           |      |      |      |      |          |        | 8-HR RUN AVG                  | 0                 | Parts per million |       |         |        |       |      |
| 2017                           | 0   | 93   | 8177 | 1                                 | 1    |      | .003 | 10  | 25           | 50        | 75   | 90   | 95   | 98   | 99       |        | BEGIN HOUR                    | 1                 | 2                 | .0431 |         |        |       |      |
|                                |     |      |      |                                   |      |      |      |   | .022         | .033      | .043 | .054 | .062 | .065 | .068     | .073   |                               |                   | .078              | .075  |         |        |       |      |
| 81102-PM10 Total 10um STP      | 2   |      |      | 1113                              |      |      |      | R - P Co Partisol Model 2025                          | Gravimetric  |           |      |      |      | 4    | 24 HOUR  | 0      | Micrograms/cubic meter (25 C) |                   |                   |       |         |        |       |      |
| 2017                           | 0   | 96   | 352  | 0                                 | 0    |      | 2    | 10  | 25           | 50        | 75   | 90   | 95   | 98   | 99       |        |                               | 1                 | 2                 | 20.9  |         |        |       |      |
|                                |     |      |      |                                   |      |      |      |   | 8            | 12        | 19   | 26   | 34   | 44   | 56       | 70     |                               |                   | 109               | 88    |         |        |       |      |
| 81102-PM10 Total 10um STP      | 3   |      |      | 1113                              |      |      |      | R - P Co Partisol Model 2025                          | Gravimetric  |           |      |      |      | 4    | 24 HOUR  | 0      | Micrograms/cubic meter (25 C) |                   |                   |       |         |        |       |      |
| 2017                           | 0   | 95   | 58   | 0                                 | 0    |      | 4    | 10  | 25           | 50        | 75   | 90   | 95   | 98   | 99       |        |                               | 1                 | 2                 | 22.7  |         |        |       |      |
|                                |     |      |      |                                   |      |      |      |   | 7            | 14        | 20   | 28   | 39   | 50   | 56       | 90     |                               |                   | 90                | 56    |         |        |       |      |
| 88101-PM2.5 - Local Conditions | 1   |      |      | 1113                              |      |      |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC | Gravimetric  |           |      |      |      | 2    | 24 HOUR  | 0      | Micrograms/cubic meter (LC)   |                   |                   |       |         |        |       |      |
| 2017                           | 0   | 97   | 353  | 3                                 | 3    |      | .9   | 10  | 25           | 50        | 75   | 90   | 95   | 98   | 99       |        |                               | 1                 | 2                 | 7.99  |         |        |       |      |
|                                |     |      |      |                                   |      |      |      |   | 2.7          | 3.9       | 6.1  | 9.4  | 14.9 | 20.6 | 28.1     | 32.4   |                               |                   | 60.4              | 59.6  |         |        |       |      |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-049-0002  
 County: Utah  
 City: Provo  
 Support Agency: 1113  
 Address: 1355 NORTH 200 WEST PROVO UT

AQCR: WASATCH FRONT  
 Urban Area: PROVO-OREM, UT  
 Location Setting: URBAN AND CENTER CITY  
 Land Use: COMMERCIAL

Latitude: +40.253611  
 Longitude: -111.663056  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,402.0

Site Comments:

| Parameter                      |         | POC  |      | PQAO |      | Method of Collection and Analysis                     |     |             |     |     |     | MDL  | Duration      | EDT  | Unit Desc                   |                |            |
|--------------------------------|---------|------|------|------|------|---|-----|-------------|-----|-----|-----|------|---------------|------|-----------------------------|----------------|------------|
| Year                           | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min   | Obs | Percentages |     |     |     |      |               |      |                             | Maximum Values | Arith Mean |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      | Thermo Scientific<br>TEOM 1405-DF<br>Dichotomous FDMS |     |             |     |     |     | 2    | 1 HOUR        | 0    | Micrograms/cubic meter (LC) |                |            |
| 2017                           | 0       | 99   | 8658 |      |      | -10.0   | 10  | 25          | 50  | 75  | 90  | 95   | 98            | 99   | 1                           | 2              | 4.99       |
|                                |         |      |      |      |      |   |     | -0.7        | 1.0 | 3.3 | 6.8 | 11.9 | 16.9          | 25.1 | 33.1                        | 128.1          | 111.5      |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |   |     |             |     |     |     |      | 24-HR BLK AVG | 0    | Micrograms/cubic meter (LC) |                |            |
| 2017                           | 0       | 99   | 363  | 3    | 3    | -0.8  | 10  | 25          | 50  | 75  | 90  | 95   | 98            | 99   | 1                           | 2              | 4.95       |
|                                |         |      |      |      |      |   |     | 0.5         | 1.9 | 3.4 | 6.2 | 10.7 | 15.1          | 21.9 | 26.2                        | 57.1           | 47.8       |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-049-4001  
 County: Utah  
 City: Lindon  
 Support Agency: 1113  
 Address: 30 NORTH MAIN STREET, LINDON, UTAH

AQCR: WASATCH FRONT  
 Urban Area: PROVO-OREM, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.341389  
 Longitude: -111.713611  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,442.0

Site Comments: LOCATED AT LINDON ELEMENTARY SCHOOL:

| Parameter                         | POC     | PQAO |      | Method of Collection and Analysis |      |         |  |             |     |      |      |      |      | MDL  | Duration | EDT | Unit Desc |      |         |                |                                  |  |
|-----------------------------------|---------|------|------|-----------------------------------|------|---------|--|-------------|-----|------|------|------|------|------|----------|-----|-----------|------|---------|----------------|----------------------------------|--|
| Year                              | Exc Evt | %Obs | #Obs | #Pri                              | #Sec | Min Obs | Percentages  |             |     |      |      |      |      |      |          |     |           |      |         | Maximum Values | Arith Mean                       |  |
| 81102-PM10 Total<br>10um STP      | 0-      | 2    |      |                                   | 1113 |         | R - P Co Partisol<br>Model 2025                                | Gravimetric |     |      |      |      |      |      |          |     |           | 4    | 24 HOUR | 0              | Micrograms/cubic meter<br>(25 C) |  |
| 2017                              | 0       | 96   | 352  | 0                                 | 0    | 1       | 10   | 25          | 50  | 75   | 90   | 95   | 98   | 99   |          | 1   | 2         | 21.0 |         |                |                                  |  |
|                                   |         |      |      |                                   |      |         | 6  | 12          | 18  | 27   | 37   | 44   | 60   | 71   |          |     | 116       | 82   |         |                |                                  |  |
| 88101-PM2.5 - Local<br>Conditions | 1       |      |      |                                   | 1113 |         | R & P Model 2025<br>PM-2.5 Sequential<br>Air Sampler<br>w/VSCC | Gravimetric |     |      |      |      |      |      |          |     |           | 2    | 24 HOUR | 1              | Micrograms/cubic meter<br>(LC)   |  |
| 2017                              | 0       | 96   | 351  | 4                                 | 4    | .9      | 10   | 25          | 50  | 75   | 90   | 95   | 98   | 99   |          | 1   | 2         | 8.30 |         |                |                                  |  |
|                                   |         |      |      |                                   |      |         | 2.7  | 3.8         | 6.4 | 10.0 | 15.0 | 22.4 | 27.4 | 36.8 |          |     | 63.0      | 62.5 |         |                |                                  |  |
| 88101-PM2.5 - Local<br>Conditions | 1       |      |      |                                   | 1113 |         | R & P Model 2025<br>PM-2.5 Sequential<br>Air Sampler<br>w/VSCC | Gravimetric |     |      |      |      |      |      |          |     |           | 2    | 24 HOUR | 2              | Micrograms/cubic meter<br>(LC)   |  |
| 2017                              | 1       | 96   | 352  | 5                                 | 5    | .9      | 10   | 25          | 50  | 75   | 90   | 95   | 98   | 99   |          | 1   | 2         | 8.41 |         |                |                                  |  |
|                                   |         |      |      |                                   |      |         | 2.7  | 3.9         | 6.4 | 10.0 | 15.0 | 22.5 | 27.6 | 46.6 |          |     | 63.0      | 62.5 |         |                |                                  |  |
| 88101-PM2.5 - Local<br>Conditions | 1       |      |      |                                   | 1113 |         | R & P Model 2025<br>PM-2.5 Sequential<br>Air Sampler<br>w/VSCC | Gravimetric |     |      |      |      |      |      |          |     |           | 2    | 24 HOUR | 5              | Micrograms/cubic meter<br>(LC)   |  |
| 2017                              | 1       | 96   | 352  | 5                                 | 5    | .9      | 10   | 25          | 50  | 75   | 90   | 95   | 98   | 99   |          | 1   | 2         | 8.41 |         |                |                                  |  |
|                                   |         |      |      |                                   |      |         | 2.7  | 3.9         | 6.4 | 10.0 | 15.0 | 22.5 | 27.6 | 46.6 |          |     | 63.0      | 62.5 |         |                |                                  |  |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-049-4001  
 County: Utah  
 City: Lindon  
 Support Agency: 1113  
 Address: 30 NORTH MAIN STREET, LINDON, UTAH

AQCR: WASATCH FRONT  
 Urban Area: PROVO-OREM, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.341389  
 Longitude: -111.713611  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,442.0

Site Comments: LOCATED AT LINDON ELEMENTARY SCHOOL:

| Parameter                      |         | POC  |      | PQAO |      | Method of Collection and Analysis                     |     |     |      |      |      | MDL  | Duration      | EDT | Unit Desc                   |            |      |  |
|--------------------------------|---------|------|------|------|------|---|-----|-----|------|------|------|------|---------------|-----|-----------------------------|------------|------|--|
| Year                           | Exc Evt | %Obs | #Obs | #Pri | #Sec | Percentages   |     |     |      |      |      |      |               |     | Maximum Values              | Arith Mean |      |  |
|                                |         |      |      |      |      | Min   | Obs |     |      |      |      |      |               |     |                             |            |      |  |
| 88101-PM2.5 - Local Conditions |         | 2    |      | 1113 |      | R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC |     |     |      |      |      | 2    | 24 HOUR       | 0   | Micrograms/cubic meter (LC) |            |      |  |
| 2017                           | 0       | 98   | 88   | 4    | 4    | 1.2   | 10  | 25  | 50   | 75   | 90   | 95   | 98            | 99  | 1                           | 2          | 9.45 |  |
|                                |         |      |      |      |      | 4.8   | 5.9 | 9.0 | 12.5 | 26.0 | 51.2 | 60.7 | 61.0          |     | 61.0                        | 60.7       |      |  |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      | Thermo Scientific TEOM 1405-DF Dichotomous FDMS       |     |     |      |      |      | 2    | 1 HOUR        | 1   | Micrograms/cubic meter (LC) |            |      |  |
| 2017                           | 0       | 67   | 5782 |      |      | -10.0   | 10  | 25  | 50   | 75   | 90   | 95   | 98            | 99  | 1                           | 2          | 6.33 |  |
|                                |         |      |      |      |      | .4  | 2.0 | 4.2 | 7.6  | 15.3 | 21.8 | 28.4 | 34.1          |     | 65.3                        | 64.7       |      |  |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      | Thermo Scientific TEOM 1405-DF Dichotomous FDMS       |     |     |      |      |      | 2    | 1 HOUR        | 2   | Micrograms/cubic meter (LC) |            |      |  |
| 2017                           | 48      | 67   | 5830 |      |      | -10.0   | 10  | 25  | 50   | 75   | 90   | 95   | 98            | 99  | 1                           | 2          | 6.59 |  |
|                                |         |      |      |      |      | .5  | 2.1 | 4.3 | 7.8  | 15.9 | 22.5 | 29.9 | 37.4          |     | 395.7                       | 256.3      |      |  |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      | Thermo Scientific TEOM 1405-DF Dichotomous FDMS       |     |     |      |      |      | 2    | 1 HOUR        | 5   | Micrograms/cubic meter (LC) |            |      |  |
| 2017                           | 48      | 67   | 5830 |      |      | -10.0   | 10  | 25  | 50   | 75   | 90   | 95   | 98            | 99  | 1                           | 2          | 6.59 |  |
|                                |         |      |      |      |      | .5  | 2.1 | 4.3 | 7.8  | 15.9 | 22.5 | 29.9 | 37.4          |     | 395.7                       | 256.3      |      |  |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |   |     |     |      |      |      |      | 24-HR BLK AVG | 1   | Micrograms/cubic meter (LC) |            |      |  |
| 2017                           | 0       | 67   | 241  | 2    | 2    | -1.2  | 10  | 25  | 50   | 75   | 90   | 95   | 98            | 99  | 1                           | 2          | 6.29 |  |
|                                |         |      |      |      |      | 1.6   | 2.8 | 4.2 | 7.0  | 13.8 | 20.8 | 26.4 | 28.8          |     | 48.2                        | 37.6       |      |  |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-049-4001  
 County: Utah  
 City: Lindon  
 Support Agency: 1113  
 Address: 30 NORTH MAIN STREET, LINDON, UTAH

AQCR: WASATCH FRONT  
 Urban Area: PROVO-OREM, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +40.341389  
 Longitude: -111.713611  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,442.0

Site Comments: LOCATED AT LINDON ELEMENTARY SCHOOL:

| Parameter                      |         | POC  |      | PQAO |      | Method of Collection and Analysis |   |     |                  |     |      |      | MDL    | Duration | EDT                         | Unit Desc |                             |            |
|--------------------------------|---------|------|------|------|------|-----------------------------------|---|-----|------------------|-----|------|------|--------|----------|-----------------------------|-----------|-----------------------------|------------|
| Year                           | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min Obs                           | Percentages                               |     |                  |     |      |      |        |          |                             |           | Maximum Values              | Arith Mean |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   |   |     |                  |     |      |      |        |          | 24-HR BLK AVG               | 2         | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 67   | 243  | 3    | 3    | -1.2                              | 10  | 25  | 50               | 75  | 90   | 95   | 98     | 99       |                             | 1         | 2                           | 6.55       |
|                                |         |      |      |      |      |                                   | 1.8                                       | 2.8 | 4.3              | 7.1 | 14.4 | 21.5 | 28.8   | 37.6     |                             |           | 48.2                        | 39.9       |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   |   |     |                  |     |      |      |        |          | 24-HR BLK AVG               | 5         | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 67   | 243  | 3    | 3    | -1.2                              | 10  | 25  | 50               | 75  | 90   | 95   | 98     | 99       |                             | 1         | 2                           | 6.55       |
|                                |         |      |      |      |      |                                   | 1.8                                       | 2.8 | 4.3              | 7.1 | 14.4 | 21.5 | 28.8   | 37.6     |                             |           | 48.2                        | 39.9       |
| 88101-PM2.5 - Local Conditions |         | 5    |      | 1113 |      |                                   | Thermo Scientific Model 5030 SHARP w/VSCC |     | Beta Attenuation |     |      | 2    | 1 HOUR | 0        | Micrograms/cubic meter (LC) |           |                             |            |
| 2017                           | 0       | 14   | 1263 |      |      | .1                                | 10  | 25  | 50               | 75  | 90   | 95   | 98     | 99       |                             | 1         | 2                           | 6.53       |
|                                |         |      |      |      |      |                                   | 1.4                                       | 3.0 | 5.8              | 8.5 | 13.2 | 16.0 | 18.7   | 22.1     |                             |           | 31.9                        | 29.9       |
| 88101-PM2.5 - Local Conditions |         | 5    |      | 1113 |      |                                   |   |     |                  |     |      |      |        |          | 24-HR BLK AVG               | 0         | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 14   | 52   | 0    | 0    | 1.2                               | 10  | 25  | 50               | 75  | 90   | 95   | 98     | 99       |                             | 1         | 2                           | 6.45       |
|                                |         |      |      |      |      |                                   | 2.4                                       | 4.0 | 6.1              | 8.8 | 11.7 | 12.3 | 15.7   | 18.6     |                             |           | 18.6                        | 15.7       |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-049-5010  
 County: Utah  
 City: Spanish Fork  
 Support Agency: 1113  
 Address: 312 W. 2050 NORTH, SPANISH FORK, UTAH

AQCR: WASATCH FRONT  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: SUBURBAN  
 Land Use: INDUSTRIAL

Latitude: +40.136336  
 Longitude: -111.660502  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,380.0

Site Comments: SITE IS LOCATED AT SPANISH FORK AIRPORT:

| Parameter                         |         | POC  |      | PQAO |      | Method of Collection and Analysis |  |      |      |      |      |      | MDL  | Duration                   | EDT     | Unit Desc         |                                |  |
|-----------------------------------|---------|------|------|------|------|-----------------------------------|--|------|------|------|------|------|------|----------------------------|---------|-------------------|--------------------------------|--|
| Year                              | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min Obs                           | Percentages  |      |      |      |      |      |      |                            |         | Maximum Values    | Arith Mean                     |  |
| 44201-Ozone                       |         | 1    |      | 1113 |      |                                   |  |      |      |      |      |      |      | 8-HR RUN AVG<br>BEGIN HOUR | 0       | Parts per million |                                |  |
| 2017                              | 0       | 91   | 8018 | 1    | 1    | .005                              | 10   | 25   | 50   | 75   | 90   | 95   | 98   | 99                         | 1       | 2                 | .0467                          |  |
|                                   |         |      |      |      |      |                                   | .029   | .038 | .046 | .056 | .063 | .066 | .069 | .072                       |         | .079              | .075                           |  |
| 88101-PM2.5 - Local<br>Conditions |         | 1    |      | 1113 |      |                                   | R & P Model 2025<br>PM-2.5 Sequential<br>Air Sampler<br>w/VSCC |      |      |      |      |      |      | 2                          | 24 HOUR | 0                 | Micrograms/cubic meter<br>(LC) |  |
| 2017                              | 0       | 92   | 335  | 3    | 3    | .6                                | 10   | 25   | 50   | 75   | 90   | 95   | 98   | 99                         | 1       | 2                 | 7.28                           |  |
|                                   |         |      |      |      |      |                                   | 2.3  | 3.3  | 5.0  | 8.4  | 13.4 | 19.6 | 27.6 | 33.9                       |         | 75.3              | 63.7                           |  |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-053-0007  
 County: Washington  
 City: Hurricane  
 Support Agency: 1113  
 Address: 147 N 870 W, Hurricane, Utah

AQCR: FOUR CORNERS  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: RURAL  
 Land Use: RESIDENTIAL

Latitude: +37.179125  
 Longitude: -113.305096  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 846.0

Site Comments:

| Parameter                      | POC |     | PQAO |      | Method of Collection and Analysis |      |      |      |   |      |      | MDL  | Duration | EDT  | Unit Desc |     |               |         |                             |       |      |  |
|--------------------------------|-----|-----|------|------|-----------------------------------|------|------|------|---|------|------|------|----------|------|-----------|-----|---------------|---------|-----------------------------|-------|------|--|
| Year                           | Exc | Evt | %Obs | #Obs | #Pri                              | #Sec | Min  | Obs  | Percentages                               |      |      |      |          |      |           |     |               | Maximum | Values                      | Arith | Mean |  |
| 42602-Nitrogen dioxide (NO2)   | 1   |     |      | 1113 |                                   |      |      |      | INSTRUMENTAL                              |      |      |      |          |      |           | 2.7 | 1 HOUR        | 0       | Parts per billion           |       |      |  |
| 2017                           | 0   | 90  | 7851 |      |                                   |      | .0   | 10   | 25  | 50   | 75   | 90   | 95       | 98   | 99        |     | 1             | 2       | 2.54                        |       |      |  |
|                                |     |     |      |      |                                   |      | .0   | 1.0  | 1.0                                       | 3.0  | 6.0  | 10.0 | 15.0     | 19.0 |           |     | 29.0          | 27.0    |                             |       |      |  |
| 44201-Ozone                    | 1   |     |      | 1113 |                                   |      |      |      |   |      |      |      |          |      |           |     | 8-HR RUN AVG  | 0       | Parts per million           |       |      |  |
| 2017                           | 0   | 97  | 8568 | 0    | 0                                 |      | .019 | 10   | 25  | 50   | 75   | 90   | 95       | 98   | 99        |     | 1             | 2       | .0453                       |       |      |  |
|                                |     |     |      |      |                                   |      | .029 | .037 | .046                                      | .054 | .060 | .062 | .065     | .067 |           |     | .071          | .069    |                             |       |      |  |
| 88101-PM2.5 - Local Conditions | 3   |     |      | 1113 |                                   |      |      |      | Thermo Scientific Model 5030 SHARP w/VSCC |      |      |      |          |      |           | 2   | 1 HOUR        | 0       | Micrograms/cubic meter (LC) |       |      |  |
| 2017                           | 0   | 92  | 8043 |      |                                   |      | .1   | 10   | 25  | 50   | 75   | 90   | 95       | 98   | 99        |     | 1             | 2       | 4.94                        |       |      |  |
|                                |     |     |      |      |                                   |      | .6   | 2.3  | 4.1                                       | 6.4  | 8.8  | 10.7 | 15.7     | 22.6 |           |     | 92.8          | 86.3    |                             |       |      |  |
| 88101-PM2.5 - Local Conditions | 3   |     |      | 1113 |                                   |      |      |      |   |      |      |      |          |      |           |     | 24-HR BLK AVG | 0       | Micrograms/cubic meter (LC) |       |      |  |
| 2017                           | 0   | 92  | 335  | 0    | 0                                 |      | .1   | 10   | 25  | 50   | 75   | 90   | 95       | 98   | 99        |     | 1             | 2       | 4.88                        |       |      |  |
|                                |     |     |      |      |                                   |      | 1.3  | 2.9  | 4.5                                       | 6.2  | 8.1  | 9.2  | 13.5     | 18.5 |           |     | 34.0          | 27.7    |                             |       |      |  |



FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-053-0130  
 County: Washington  
 City: Virgin  
 Support Agency: 0745  
 Address: ZION NATIONAL PARK, UTAH

AQCR: FOUR CORNERS  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: RURAL  
 Land Use: DESERT

Latitude: +37.198300  
 Longitude: -113.150600  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,213.0

Site Comments:

| Parameter   |         | POC  |      | PQAO |      | Method of Collection and Analysis |             |      |      |      |      |      | MDL  | Duration     | EDT  | Unit Desc         |            |
|-------------|---------|------|------|------|------|-----------------------------------|-------------|------|------|------|------|------|------|--------------|------|-------------------|------------|
| Year        | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min Obs                           | Percentages |      |      |      |      |      |      |              |      | Maximum Values    | Arith Mean |
| 44201-Ozone |         | 1    |      | 0745 |      |                                   |             |      |      |      |      |      |      | 8-HR RUN AVG | 0    | Parts per million |            |
|             |         |      |      |      |      |                                   |             |      |      |      |      |      |      | BEGIN HOUR   |      |                   |            |
| 2017        | 0       | 97   | 8520 | 0    | 0    | .025                              | 10          | 25   | 50   | 75   | 90   | 95   | 98   | 99           | 1    | 2                 | .0477      |
|             |         |      |      |      |      |                                   | .035        | .041 | .048 | .055 | .059 | .062 | .064 | .067         | .069 | .067              |            |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

|                                       |   |                        |
|---------------------------------------|---|------------------------|
| Site ID: 49-057-0002                  | AQCR: WASATCH FRONT                     | Latitude: +41.206321   |
| County: Weber                         | Urban Area: OGDEN, UT                   | Longitude: -111.975524 |
| City: Ogden                           | Location Setting: URBAN AND CENTER CITY | UTM Zone:              |
| Support Agency: 1113                  | Land Use: RESIDENTIAL                   | Utm Northing:          |
| Address: 228 32ND STREET, OGDEN, UTAH |   | Utm Easting:           |
|                                       |   | Vertical Meas: 1,316.0 |

Site Comments: THIS SITE REPLACES OG (490570001)WHICH WAS DEMOLISHED FOR NEW CONST.:

| Parameter                      | POC     | PQAO |      | Method of Collection and Analysis |      |         |                   |                                |      |      |      |      |      | MDL     | Duration     | EDT | Unit Desc                     |                   |       |                |            |
|--------------------------------|---------|------|------|-----------------------------------|------|---------|-------------------|--------------------------------|------|------|------|------|------|---------|--------------|-----|-------------------------------|-------------------|-------|----------------|------------|
| Year                           | Exc Evt | %Obs | #Obs | #Pri                              | #Sec | Min Obs | Percentages       |                                |      |      |      |      |      |         |              |     |                               |                   |       | Maximum Values | Arith Mean |
| 42101-Carbon monoxide          | 1       |      | 1113 |                                   |      |         |                   |                                |      |      |      |      |      |         | 8-HR RUN AVG | 0   |                               | Parts per million |       |                |            |
| 2017                           | 0       | 89   | 7835 | 0                                 | 0    | .0      | 10                | 25                             | 50   | 75   | 90   | 95   | 98   | 99      | END HOUR     |     | 1                             | 2                 | .46   |                |            |
|                                |         |      |      |                                   |      |         | .2                | .3                             | .4   | .6   | .7   | .9   | 1.0  | 1.1     |              |     | 2.3                           | 1.7               |       |                |            |
| 42602-Nitrogen dioxide (NO2)   | 1       |      | 1113 |                                   |      |         | Instrumental      | Chemiluminescence              |      |      |      |      | .05  | 1 HOUR  | 0            |     | Parts per billion             |                   |       |                |            |
|                                |         |      |      |                                   |      |         | INSTRUMENTAL      | Thermo Electron 42C-TL, 42i-TL |      |      |      |      |      |         |              |     |                               |                   |       |                |            |
|                                |         |      |      |                                   |      |         |                   | GAS PHASE                      |      |      |      |      | 2.7  |         |              |     |                               |                   |       |                |            |
|                                |         |      |      |                                   |      |         |                   | CHEMILUMINESCENCE              |      |      |      |      |      |         |              |     |                               |                   |       |                |            |
| 2017                           | 0       | 84   | 7397 |                                   |      | .0      | 10                | 25                             | 50   | 75   | 90   | 95   | 98   | 99      |              |     | 1                             | 2                 | 18.24 |                |            |
|                                |         |      |      |                                   |      |         | 3.0               | 5.0                            | 15.0 | 30.0 | 38.0 | 42.0 | 48.0 | 50.0    |              |     | 65.0                          | 65.0              |       |                |            |
| 44201-Ozone                    | 1       |      | 1113 |                                   |      |         |                   |                                |      |      |      |      |      |         | 8-HR RUN AVG | 0   |                               | Parts per million |       |                |            |
| 2017                           | 0       | 99   | 8652 | 1                                 | 1    | .003    | 10                | 25                             | 50   | 75   | 90   | 95   | 98   | 99      | BEGIN HOUR   |     | 1                             | 2                 | .0437 |                |            |
|                                |         |      |      |                                   |      |         | .019              | .034                           | .045 | .057 | .065 | .069 | .073 | .075    |              |     | .079                          | .075              |       |                |            |
| 81102-PM10 Total 0-10um STP    | 1       |      | 1113 |                                   |      |         | R - P Co Partisol | Gravimetric                    |      |      |      |      | 4    | 24 HOUR | 0            |     | Micrograms/cubic meter (25 C) |                   |       |                |            |
| 2017                           | 0       | 95   | 347  | 0                                 | 0    | 3       | 10                | 25                             | 50   | 75   | 90   | 95   | 98   | 99      |              |     | 1                             | 2                 | 22.6  |                |            |
|                                |         |      |      |                                   |      |         | 7                 | 12                             | 20   | 30   | 38   | 46   | 63   | 72      |              |     | 124                           | 107               |       |                |            |
| 88101-PM2.5 - Local Conditions | 1       |      | 1113 |                                   |      |         | R & P Model 2025  | Gravimetric                    |      |      |      |      | 2    | 24 HOUR | 1            |     | Micrograms/cubic meter (LC)   |                   |       |                |            |
|                                |         |      |      |                                   |      |         | PM-2.5 Sequential |                                |      |      |      |      |      |         |              |     |                               |                   |       |                |            |
|                                |         |      |      |                                   |      |         | Air Sampler       |                                |      |      |      |      |      |         |              |     |                               |                   |       |                |            |
|                                |         |      |      |                                   |      |         | w/VSCC            |                                |      |      |      |      |      |         |              |     |                               |                   |       |                |            |
| 2017                           | 0       | 96   | 349  | 7                                 | 7    | .6      | 10                | 25                             | 50   | 75   | 90   | 95   | 98   | 99      |              |     | 1                             | 2                 | 8.95  |                |            |
|                                |         |      |      |                                   |      |         | 2.7               | 4.3                            | 6.7  | 9.9  | 18.4 | 25.2 | 35.7 | 45.8    |              |     | 58.4                          | 51.9              |       |                |            |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-057-0002  
 County: Weber  
 City: Ogden  
 Support Agency: 1113  
 Address: 228 32ND STREET, OGDEN, UTAH

AQCR: WASATCH FRONT  
 Urban Area: OGDEN, UT  
 Location Setting: URBAN AND CENTER CITY  
 Land Use: RESIDENTIAL

Latitude: +41.206321  
 Longitude: -111.975524  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,316.0

Site Comments: THIS SITE REPLACES OG (490570001)WHICH WAS DEMOLISHED FOR NEW CONST.:

| Parameter                      | POC | PQAO |      | Method of Collection and Analysis |      |       |     |     |  |                  |      | MDL     | Duration | EDT                         | Unit Desc |   |                |            |
|--------------------------------|-----|------|------|-----------------------------------|------|-------|-----|-----|--|------------------|------|---------|----------|-----------------------------|-----------|---|----------------|------------|
| Year                           | Exc | Evt  | %Obs | #Obs                              | #Pri | #Sec  | Min | Obs | Percentages  |                  |      |         |          |                             |           |   | Maximum Values | Arith Mean |
| 88101-PM2.5 - Local Conditions | 1   |      |      | 1113                              |      |       |     |     | R & P Model 2025<br>PM-2.5 Sequential<br>Air Sampler<br>w/VSCC | Gravimetric      | 2    | 24 HOUR | 2        | Micrograms/cubic meter (LC) |           |   |                |            |
| 2017                           | 1   | 96   | 350  | 8                                 | 8    | .6    | 10  | 25  | 50   | 75               | 90   | 95      | 98       | 99                          | 1         | 2 | 9.04           |            |
|                                |     |      |      |                                   |      | 2.8   | 4.3 | 6.7 | 9.9  | 18.5             | 25.3 | 39.0    | 45.8     | 58.4                        | 51.9      |   |                |            |
| 88101-PM2.5 - Local Conditions | 1   |      |      | 1113                              |      |       |     |     | R & P Model 2025<br>PM-2.5 Sequential<br>Air Sampler<br>w/VSCC | Gravimetric      | 2    | 24 HOUR | 5        | Micrograms/cubic meter (LC) |           |   |                |            |
| 2017                           | 1   | 96   | 350  | 8                                 | 8    | .6    | 10  | 25  | 50   | 75               | 90   | 95      | 98       | 99                          | 1         | 2 | 9.04           |            |
|                                |     |      |      |                                   |      | 2.8   | 4.3 | 6.7 | 9.9  | 18.5             | 25.3 | 39.0    | 45.8     | 58.4                        | 51.9      |   |                |            |
| 88101-PM2.5 - Local Conditions | 3   |      |      | 1113                              |      |       |     |     | Thermo Scientific<br>TEOM 1405-DF<br>Dichotomous FDMS          | FDMS Gravimetric | 2    | 1 HOUR  | 1        | Micrograms/cubic meter (LC) |           |   |                |            |
| 2017                           | 0   | 66   | 5727 |                                   |      | -10.0 | 10  | 25  | 50   | 75               | 90   | 95      | 98       | 99                          | 1         | 2 | 6.67           |            |
|                                |     |      |      |                                   |      | .4    | 2.4 | 5.1 | 8.8  | 14.6             | 20.1 | 27.5    | 31.4     | 84.8                        | 58.7      |   |                |            |
| 88101-PM2.5 - Local Conditions | 3   |      |      | 1113                              |      |       |     |     | Thermo Scientific<br>TEOM 1405-DF<br>Dichotomous FDMS          | FDMS Gravimetric | 2    | 1 HOUR  | 2        | Micrograms/cubic meter (LC) |           |   |                |            |
| 2017                           | 48  | 66   | 5775 |                                   |      | -10.0 | 10  | 25  | 50   | 75               | 90   | 95      | 98       | 99                          | 1         | 2 | 7.10           |            |
|                                |     |      |      |                                   |      | .5    | 2.5 | 5.2 | 8.9  | 15.0             | 21.1 | 29.0    | 34.8     | 790.3                       | 468.2     |   |                |            |
| 88101-PM2.5 - Local Conditions | 3   |      |      | 1113                              |      |       |     |     | Thermo Scientific<br>TEOM 1405-DF<br>Dichotomous FDMS          | FDMS Gravimetric | 2    | 1 HOUR  | 5        | Micrograms/cubic meter (LC) |           |   |                |            |
| 2017                           | 48  | 66   | 5775 |                                   |      | -10.0 | 10  | 25  | 50   | 75               | 90   | 95      | 98       | 99                          | 1         | 2 | 7.10           |            |
|                                |     |      |      |                                   |      | .5    | 2.5 | 5.2 | 8.9  | 15.0             | 21.1 | 29.0    | 34.8     | 790.3                       | 468.2     |   |                |            |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-057-0002

AQCR: WASATCH FRONT

Latitude: +41.206321

County: Weber

Urban Area: OGDEN, UT

Longitude: -111.975524

City: Ogden

Location Setting: URBAN AND CENTER CITY

UTM Zone:

Support Agency: 1113

Land Use: RESIDENTIAL

Utm Northing:

Address: 228 32ND STREET, OGDEN, UTAH

Utm Easting:

Vertical Meas: 1,316.0

Site Comments: THIS SITE REPLACES OG (490570001)WHICH WAS DEMOLISHED FOR NEW CONST.:

| Parameter                      |         | POC  |      | PQAO |      | Method of Collection and Analysis |   |     |     |      |                  |      | MDL  | Duration      | EDT | Unit Desc                   |            |
|--------------------------------|---------|------|------|------|------|-----------------------------------|---|-----|-----|------|------------------|------|------|---------------|-----|-----------------------------|------------|
| Year                           | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min Obs                           | Percentages                               |     |     |      |                  |      |      |               |     | Maximum Values              | Arith Mean |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   |   |     |     |      |                  |      |      | 24-HR BLK AVG | 1   | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 65   | 236  | 0    | 0    | -.2                               | 10  | 25  | 50  | 75   | 90               | 95   | 98   | 99            | 1   | 2                           | 6.63       |
|                                |         |      |      |      |      |                                   | 2.1                                       | 3.5 | 5.7 | 8.2  | 12.1             | 16.5 | 22.4 | 25.3          |     | 27.1                        | 26.8       |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   |   |     |     |      |                  |      |      | 24-HR BLK AVG | 2   | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 65   | 238  | 2    | 2    | -.2                               | 10  | 25  | 50  | 75   | 90               | 95   | 98   | 99            | 1   | 2                           | 7.06       |
|                                |         |      |      |      |      |                                   | 2.3                                       | 3.6 | 5.8 | 8.5  | 12.9             | 17.1 | 25.3 | 27.1          |     | 77.3                        | 38.7       |
| 88101-PM2.5 - Local Conditions |         | 3    |      | 1113 |      |                                   |   |     |     |      |                  |      |      | 24-HR BLK AVG | 5   | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 65   | 238  | 2    | 2    | -.2                               | 10  | 25  | 50  | 75   | 90               | 95   | 98   | 99            | 1   | 2                           | 7.06       |
|                                |         |      |      |      |      |                                   | 2.3                                       | 3.6 | 5.8 | 8.5  | 12.9             | 17.1 | 25.3 | 27.1          |     | 77.3                        | 38.7       |
| 88101-PM2.5 - Local Conditions |         | 5    |      | 1113 |      |                                   | Thermo Scientific Model 5030 SHARP w/VSCC |     |     |      | Beta Attenuation |      | 2    | 1 HOUR        | 0   | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 9    | 808  |      |      | -1.2                              | 10  | 25  | 50  | 75   | 90               | 95   | 98   | 99            | 1   | 2                           | 11.84      |
|                                |         |      |      |      |      |                                   | 1.0                                       | 2.7 | 7.4 | 12.9 | 34.3             | 48.3 | 63.0 | 65.4          |     | 70.5                        | 69.2       |
| 88101-PM2.5 - Local Conditions |         | 5    |      | 1113 |      |                                   |   |     |     |      |                  |      |      | 24-HR BLK AVG | 0   | Micrograms/cubic meter (LC) |            |
| 2017                           | 0       | 9    | 33   | 4    | 4    | .8                                | 10  | 25  | 50  | 75   | 90               | 95   | 98   | 99            | 1   | 2                           | 11.79      |
|                                |         |      |      |      |      |                                   | 1.5                                       | 4.3 | 7.2 | 11.1 | 37.9             | 40.9 | 54.8 | 54.8          |     | 54.8                        | 40.9       |

FREQUENCY DISTRIBUTION REPORT

Apr. 4, 2018

Utah

Site ID: 49-057-1003  
 County: Weber  
 City: Harrisville  
 Support Agency: 1113  
 Address: 425 W 2550 NORTH, OGDEN, UTAH

AQCR: WASATCH FRONT  
 Urban Area: OGDEN, UT  
 Location Setting: RURAL  
 Land Use: RESIDENTIAL

Latitude: +41.303614  
 Longitude: -111.987871  
 UTM Zone:  
 Utm Northing:  
 Utm Easting:  
 Vertical Meas: 1,331.0

Site Comments:

| Parameter |         | POC  |      | PQAO |      | Method of Collection and Analysis |             |      |      |      |      |      | MDL  | Duration     | EDT  | Unit Desc         |            |
|-----------|---------|------|------|------|------|-----------------------------------|-------------|------|------|------|------|------|------|--------------|------|-------------------|------------|
| Year      | Exc Evt | %Obs | #Obs | #Pri | #Sec | Min Obs                           | Percentages |      |      |      |      |      |      |              |      | Maximum Values    | Arith Mean |
|           |         |      | 1    |      | 1113 |                                   |             |      |      |      |      |      |      | 8-HR RUN AVG | 0    | Parts per million |            |
|           |         |      |      |      |      |                                   |             |      |      |      |      |      |      | BEGIN HOUR   |      |                   |            |
| 2017      | 0       | 88   | 7828 | 2    | 2    | .006                              | 10          | 25   | 50   | 75   | 90   | 95   | 98   | 99           | 1    | 2                 | .0450      |
|           |         |      |      |      |      |                                   | .020        | .034 | .047 | .058 | .065 | .068 | .072 | .073         | .078 | .078              |            |