

User ID: HPI

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 1545376

Report Code: AMP230

Apr. 18, 2017

GEOGRAPHIC SELECTIONS

| Tribal Code | State | County | Site | Parameter | POC | City | AQCR | UAR | CBSA | CSA | EPA Region |
|-------------|-------|--------|------|-----------|-----|------|------|-----|------|-----|------------|
| | 49 | | | 81102 | | | | | | | |

PROTOCOL SELECTIONS

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

CRITERIA

SELECTED OPTIONS

| Option Type | Option Value |
|-------------------|--------------------------|
| SUMMARY CRITERIA | INCLUDE ALL DATA |
| MERGE PDF FILES | YES |
| EVENTS PROCESSING | REPORT ALL EVENT RECORDS |
| 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 |
|------------|----------|
| 2016 | 2016 |

APPLICABLE STANDARDS

| Standard Description |
|----------------------------------|
| CO 8-hour 1971 |
| Lead 3-Month 2009 |
| Lead 3-Month PM10 Surrogate 2009 |
| NO2 Annual 1971 |
| Ozone 8-hour 2015 |
| PM10 24-hour 2006 |
| PM25 24-hour 2012 |
| SO2 1-hour 2010 |

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EXCEPTIONAL DATA TYPES

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

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

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 |
| 81102-PM10 | Total | 0- | 1 | | 1113 | | R - P Co Partisol | | | | | | | 4 | 24 HOUR | 0 | Micrograms/cubic meter | |
| | 10um | STP | | | | | Model 2025 | | | | | | | | | | (25 C) | |
| 2016 | 0 | 81 | 157 | 0 | 0 | 2 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 15.5 | |
| | | | | | | | 4 | 7 | 12 | 20 | 34 | 41 | 43 | 47 | | 87 | 47 | |
| 81102-PM10 | Total | 0- | 2 | | 1113 | | R - P Co Partisol | | | | | | | 4 | 24 HOUR | 0 | Micrograms/cubic meter | |
| | 10um | STP | | | | | Model 2025 | | | | | | | | | | (25 C) | |
| 2016 | 0 | 63 | 38 | 0 | 0 | 2 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 12.5 | |
| | | | | | | | 3 | 6 | 10 | 15 | 27 | 36 | 40 | 40 | | 40 | 36 | |

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

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 |
| 81102-PM10 | Total | 0- | 5 | | 1113 | | | R - P Co Partisol | | | | | | | 4 | 24 HOUR | 0 | Micrograms/cubic meter | |
| | 10um | STP | | | | | | Model 2000 | | | | | | | | | | (25 C) | |
| 2016 | 0 | 75 | 47 | 0 | 0 | 3 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | | 1 | 2 | 18.3 | |
| | | | | | | | 6 | 9 | 16 | 23 | 35 | 39 | 62 | 62 | | 62 | 60 | | |

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

Utah

| | | |
|--|--------------------------------|------------------------|
| Site ID: 49-035-1001 | AQCR: WASATCH FRONT | Latitude: +40.708611 |
| County: Salt Lake | Urban Area: SALT LAKE CITY, UT | Longitude: -112.094722 |
| City: Magna | Location Setting: SUBURBAN | UTM Zone: |
| Support Agency: 1113 | Land Use: RESIDENTIAL | Utm Northing: |
| Address: 2935 SOUTH 8560 WEST MAGNA,UTAH | | 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 | 0- | 3 | | 1113 | | | R - P | Co Partisol | Gravimetric | | | | | | | | 4 | 24 HOUR | 0 | Micrograms/cubic meter (25 C) | |
| 10um STP | | | | | | | Model 2025 | | | | | | | | | | | | | | |
| 2016 | 0 | 88 | 177 | 0 | 0 | 2 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | | 1 | 2 | 16.8 | | | |
| | | | | | | | 5 | 9 | 15 | 21 | 31 | 40 | 49 | 58 | | 84 | 58 | | | | |

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

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 |
| 81102-PM10 | Total | 0- | 1 | | 1113 | | R - P Co Partisol | | | | | | | 4 | 24 HOUR | 0 | Micrograms/cubic meter | |
| | 10um | STP | | | | | Model 2025 | | | | | | | | | | (25 C) | |
| 2016 | 0 | 86 | 315 | 0 | 0 | 2 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 18.2 | |
| | | | | | | | 6 | 10 | 16 | 23 | 31 | 39 | 66 | 72 | 85 | 78 | | |

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

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 |
| 81102-PM10 | Total | 0- | 1 | | 1113 | | R - P Co Partisol | | | | | | | 4 | 24 HOUR | 0 | Micrograms/cubic meter | |
| | 10um | STP | | | | | Model 2025 | | | | | | | | | | (25 C) | |
| 2016 | 0 | 93 | 340 | 0 | 0 | 1 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | | 1 | 2 | 18.6 |
| | | | | | | | 5 | 8 | 15 | 28 | 38 | 44 | 52 | 64 | | 73 | 67 | |

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

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 | |
| 81102-PM10 | Total | 0- | 2 | | 1113 | | | R - P Co Partisol | Gravimetric | | | | | | | 4 | 24 HOUR | 0 | Micrograms/cubic meter (25 C) | |
| | 10um STP | | | | | | | Model 2025 | | | | | | | | | | | | |
| 2016 | 0 | 97 | 190 | 0 | 0 | 2 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | | 1 | 2 | 20.0 | | |
| | | | | | | | 8 | 12 | 17 | 24 | 39 | 47 | 64 | 66 | | 104 | 66 | | | |
| 81102-PM10 | Total | 0- | 3 | | 1113 | | | R - P Co Partisol | Gravimetric | | | | | | | 4 | 24 HOUR | 0 | Micrograms/cubic meter (25 C) | |
| | 10um STP | | | | | | | Model 2025 | | | | | | | | | | | | |
| 2016 | 0 | 67 | 32 | 0 | 0 | 9 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | | 1 | 2 | 23.3 | | |
| | | | | | | | 13 | 16 | 21 | 31 | 34 | 50 | 70 | 70 | | 70 | 50 | | | |

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

Utah

Site ID: 49-049-4001

AQCR: WASATCH FRONT

Latitude: +40.341389

County: Utah

Urban Area: PROVO-OREM, UT

Longitude: -111.713611

City: Lindon

Location Setting: SUBURBAN

UTM Zone:

Support Agency: 1113

Land Use: RESIDENTIAL

Utm Northing:

Address: 30 NORTH MAIN STREET, LINDON, UTAH

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 | 0- | 2 | | 1113 | | | R - P Co Partisol | | | | | 4 | 24 HOUR | 0 | Micrograms/cubic meter | |
| | 10um STP | | | | | | | Model 2025 | | | | | | | | (25 C) | |
| 2016 | 0 | 90 | 328 | 0 | 0 | 2 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 19.3 |
| | | | | | | | 7 | 11 | 17 | 25 | 35 | 41 | 51 | 56 | 106 | 60 | |

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

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 | |
| 81102-PM10 | Total | 0- | 1 | | 1113 | | R - P Co Partisol | | | | | | 4 | 24 HOUR | 0 | Micrograms/cubic meter | |
| | 10um STP | | | | | | Model 2025 | | | | | | | | | (25 C) | |
| 2016 | 0 | 90 | 112 | 0 | 0 | 2 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 13.4 |
| | | | | | | | 4 | 7 | 12 | 17 | 24 | 27 | 33 | 38 | 46 | 38 | |

FREQUENCY DISTRIBUTION REPORT

Apr. 18, 2017

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 |
| 81102-PM10 | Total | 0- | 1 | | 1113 | | R - P Co Partisol | | | | | | | 4 | 24 HOUR | 0 | Micrograms/cubic meter | |
| | 10um | STP | | | | | Model 2025 | | | | | | | | | | (25 C) | |
| 2016 | 0 | 86 | 313 | 0 | 0 | 2 | 10 | 25 | 50 | 75 | 90 | 95 | 98 | 99 | 1 | 2 | 20.0 | |
| | | | | | | | 6 | 10 | 18 | 27 | 35 | 42 | 55 | 59 | | 65 | 62 | |