

User ID: HPI

QUICKLOOK CRITERIA PARAMETERS

Report Request ID: 1912166

Report Code: AMP450

Mar. 16, 2021

GEOGRAPHIC SELECTIONS

| Tribal Code | State | County | Site | Parameter | POC | City | AQCR | UAR | CBSA | CSA | EPA Region |
|-------------|-------|--------|------|-----------|-----|------|------|-----|------|-----|------------|
|             | 49    |        |      | 42401     |     |      |      |     |      |     |            |

PROTOCOL SELECTIONS

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

QUICK LOOK

SELECTED OPTIONS

| Option Type        | Option Value                        |
|--------------------|-------------------------------------|
| WORKFILE DELIMITER | ,                                   |
| EVENTS PROCESSING  | EXCLUDE REGIONALLY CONCURRED EVENTS |
| AGENCY ROLE        | PQAO                                |
| MERGE PDF FILES    | YES                                 |

SORT ORDER

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

DATE CRITERIA

| Start Date | End Date |
|------------|----------|
| 2020       | 2020     |

APPLICABLE STANDARDS

| Standard Description             |
|----------------------------------|
| CO 1-hour 1971                   |
| CO 8-hour 1971                   |
| Lead 3-Month 2009                |
| Lead 3-Month PM10 Surrogate 2009 |
| NO2 1-hour                       |
| NO2 Annual 1971                  |
| Ozone 1-hour 1979                |
| Ozone 8-Hour 2008                |
| PM10 24-hour 2006                |
| PM25 24-hour 2012                |
| PM25 Annual 2012                 |
| SO2 1-hour 2010                  |
| SO2 24-hour 1971                 |
| SO2 3-hour 1971                  |
| SO2 Annual 1971                  |

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
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EXCEPTIONAL DATA TYPES

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

Note: The \* indicates that the mean does not satisfy summary criteria.

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Sulfur dioxide (42401)

Utah

Parts per billion (008)

| SITE ID     | P<br>O<br>C | PQAO | CITY              | COUNTY    | ADDRESS                                      | YEAR | METH | OBS  | COMP<br>QTRS | 1ST         | 2ND         | 99TH         | 1ST          | 2ND          | Days<br>>24HR<br>STD | ARITH          | CERT        |   |
|-------------|-------------|------|-------------------|-----------|--|------|------|------|--------------|-------------|-------------|--------------|--------------|--------------|----------------------|----------------|-------------|---|
|             |             |      |                   |           |  |      |      |      |              | MAX<br>1-HR | MAX<br>1-HR | PCTL<br>1-HR | MAX<br>24-HR | MAX<br>24-HR |                      | MEAN<br>AN-STD | and<br>EVAL |   |
| 49-035-2005 | 1           | 1113 | Midvale           | Salt Lake | 8449 S.<br>Monroe St.                        | 2020 | 100  | 8591 | 4            | 24.0        | 7.0         | 2.2          | 1.6          | 1.3          | 0                    | .19            | S           | 0 |
| 49-035-3006 | 1           | 1113 | Salt Lake<br>City | Salt Lake | 1675 SOUTH<br>600 EAST,<br>SALT LAKE<br>CITY | 2020 | 560  | 7775 | 4            | 7.4         | 4.1         | 3.5          | 1.8          | 1.7          | 0                    | .40            | S           | 0 |
| 49-035-3010 | 1           | 1113 | Salt Lake<br>City | Salt Lake | 1250 NORTH<br>1400 WEST                      | 2020 | 100  | 8596 | 4            | 6.0         | 5.4         | 4.8          | 2.0          | 2.0          | 0                    | .27            | S           | 0 |
| 49-035-3015 | 1           | 1113 | Salt Lake<br>City | Salt Lake | 240 N 1950<br>W                              | 2020 | 560  | 5013 | 2            | 4.4         | 3.7         | 3.5          | 1.1          | 1.1          | 0                    | .25*           | S           | 0 |

Note: The \* indicates that the mean does not satisfy summary criteria.

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Lead (TSP) LC

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Note: These reported values do not reflect the combination of 14129 and 85129 and validation substitution tests utilized for Design Value Calculations

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METHODS USED IN THIS REPORT

| PARAMETER | METHOD<br>CODE | COLLECTION METHOD | ANALYSIS METHOD                     |
|-----------|----------------|-------------------|-------------------------------------|
| 42401     | 100            | INSTRUMENTAL      | ULTRAVIOLET FLUORESCENCE            |
| 42401     | 560            | INSTRUMENTAL      | Pulsed Fluorescent 43C-TLE/43i-TLE  |
| 42401     | 600            | Instrumental      | Ultraviolet Fluorescence API 100 EU |

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PQAOS USED IN THIS REPORT

| PQAO | AGENCY DESCRIPTION                       |
|------|--|
| 1113 | Utah Department Of Environmental Quality |

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CERTIFICATION EVALUATION AND CONCURRENCE FLAG MEANINGS

| FLAG | MEANING   |
|------|---|
| M    | The monitoring organization has revised data from this monitor since the most recent certification letter received from the state.  |
| N    | The certifying agency has submitted the certification letter and required summary reports, but the certifying agency and/or EPA has determined that issues regarding the quality of the ambient concentration data cannot be resolved due to data completeness, the lack of performed quality assurance checks or the results of uncertainty statistics shown in the AMP255 report or the certification and quality assurance report. |
| S    | The certifying agency has submitted the certification letter and required summary reports. A value of "S" conveys no Regional assessment regarding data quality per se. This flag will remain until the Region provides an "N" or "Y" concurrence flag.   |
| U    | Uncertified. The certifying agency did not submit a required certification letter and summary reports for this monitor even though the due date has passed, or the state's certification letter specifically did not apply the certification to this monitor.   |
| X    | Certification is not required by 40 CFR 58.15 and no conditions apply to be the basis for assigning another flag value  |
| Y    | The certifying agency has submitted a certification letter, and EPA has no unresolved reservations about data quality (after reviewing the letter, the attached summary reports, the amount of quality assurance data submitted to AQS, the quality statistics, and the highest reported concentrations).   |

Note: The \* indicates that the mean does not satisfy summary criteria.