

User ID: BJA

QUICKLOOK ALL PARAMETERS

Report Request ID: 1329773

Report Code: AMP450NC

Apr. 30, 2015

GEOGRAPHIC SELECTIONS

| Tribal Code | State | County | Site | Parameter | POC | City | AQCR | UAR | CBSA | CSA | EPA Region |
|-------------|-------|--------|------|-----------|-----|------|------|-----|------|-----|------------|
|             | 37    | 067    |      |           |     |      |      |     |      |     |            |

PROTOCOL SELECTIONS

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

CRITERIA

SELECTED OPTIONS

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

SORT ORDER

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

DATE CRITERIA

| Start Date | End Date |
|------------|----------|
| 2014       | 2014     |

APPLICABLE STANDARDS

| Standard Description             |
|----------------------------------|
| CO 8-hour 1971                   |
| Lead 3-Month 2009                |
| Lead 3-Month PM10 Surrogate 2009 |
| Lead Quarterly 1978              |
| NO2 Annual 1971                  |
| Ozone 8-Hour 2008                |
| PM10 24-hour 2006                |
| PM25 24-hour 2013                |
| 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 |

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| Parameter            | Unit                     | P<br>O<br>C         | PQAO | Year            | Meth | #<br>Obs  | 1st Max<br>Value | 2nd Max<br>Value | 3rd Max<br>Value | 4th Max<br>Value | Arith.<br>Mean | Cert &<br>Duration<br>Eval | EDF                           |   |
|----------------------|--------------------------|---------------------|------|-----------------|------|---|------------------|------------------|------------------|------------------|----------------|----------------------------|-------------------------------|---|
| Site ID: 37-067-0022 |                          | City: Winston-Salem |      | County: Forsyth |      | Address: 1300 BLK. HATTIE AVENUE                  |                  |                  |                  |                  |                |                            |                               |   |
| 42401                | Sulfur dioxide           |                     | 1    | 0776            | 2014 | 100   | 8711             | 19.3             | 15.0             | 13.5             | 12.7           | 1.89                       | 1 HOUR                        | 0 |
| 42401                | Sulfur dioxide           |                     | 2    | 0776            | 2014 | 100   | *****            | 106.6            | 55.7             | 49.7             | 46.4           | .41*                       | 5 MINUTE                      | 0 |
| 42602                | Nitrogen dioxide (NO2)   |                     | 1    | 0776            | 2014 | 099   | 8277             | 51.0             | 46.0             | 44.0             | 42.0           | 6.38                       | 1 HOUR                        | 0 |
| 44201                | Ozone                    |                     | 1    | 0776            | 2014 | 047   | 5101             | .067             | .067             | .065             | .065           | .0462                      | 8-HR RUN<br>AVG BEGIN<br>HOUR | 0 |
| 81102                | PM10 Total 0-10um STP    |                     | 1    | 0776            | 2014 | 079   | 7839             | 105              | 102              | 99               | 98             | 12.7                       | 1 HOUR                        | 0 |
| 81102                | PM10 Total 0-10um STP    |                     | 1    | 0776            | 2014 | 079   | 328              | 60               | 28               | 27               | 26             | 12.2                       | 24-HR BLK<br>AVG              | 0 |
| 88101                | PM2.5 - Local Conditions |                     | 1    | 0776            | 2014 | 118   | 325              | 24.7             | 21.7             | 21.2             | 20.5           | 9.03                       | 24 HOUR                       | 0 |
| Site ID: 37-067-0023 |                          | City: Winston-Salem |      | County: Forsyth |      | Address: 1401 CORPORATION PARKWAY                 |                  |                  |                  |                  |                |                            |                               |   |
| 42101                | Carbon monoxide          |                     | 1    | 0776            | 2014 | 054   | 8697             | 1.6              | 1.6              | 1.5              | 1.5            | .37                        | 8-HR RUN<br>AVG END<br>HOUR   | 0 |
| Site ID: 37-067-0028 |                          | City: Not in a city |      | County: Forsyth |      | Address: 6496 BAUX MOUNTAIN ROAD_WINSTON-SALEM,NC |                  |                  |                  |                  |                |                            |                               |   |
| 44201                | Ozone                    |                     | 1    | 0776            | 2014 | 047   | 5103             | .067             | .065             | .063             | .062           | .0445                      | 8-HR RUN<br>AVG BEGIN<br>HOUR | 0 |
| Site ID: 37-067-0030 |                          | City: Winston-Salem |      | County: Forsyth |      | Address: FRATERNITY CHURCH ROAD                   |                  |                  |                  |                  |                |                            |                               |   |
| 44201                | Ozone                    |                     | 1    | 0776            | 2014 | 047   | 5115             | .070             | .068             | .068             | .067           | .0486                      | 8-HR RUN<br>AVG BEGIN<br>HOUR | 0 |
| 88101                | PM2.5 - Local Conditions |                     | 1    | 0776            | 2014 | 118   | 116              | 20.0             | 18.9             | 17.9             | 17.6           | 8.68                       | 24 HOUR                       | 0 |
| 88101                | PM2.5 - Local Conditions |                     | 2    | 0776            | 2014 | 118   | 65               | 19.7             | 17.3             | 14.7             | 14.2           | 7.95*                      | 24 HOUR                       | 0 |
| Site ID: 37-067-1008 |                          | City: Not in a city |      | County: Forsyth |      | Address: 3656 PIEDMONT MEMORIAL DRIVE             |                  |                  |                  |                  |                |                            |                               |   |
| 44201                | Ozone                    |                     | 1    | 0776            | 2014 | 047   | 5097             | .069             | .068             | .067             | .067           | .0482                      | 8-HR RUN<br>AVG BEGIN<br>HOUR | 0 |

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

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METHODS USED IN THIS REPORT

| PARAMETER | METHOD<br>CODE | COLLECTION METHOD                        | ANALYSIS METHOD             |
|-----------|----------------|--|-----------------------------|
| 42101     | 054            | INSTRUMENTAL                             | NONDISPERSIVE INFRARED      |
| 42401     | 100            | INSTRUMENTAL                             | ULTRAVIOLET FLUORESCENCE    |
| 42602     | 099            | INSTRUMENTAL                             | GAS PHASE CHEMILUMINESCENCE |
| 44201     | 047            | INSTRUMENTAL                             | ULTRA VIOLET                |
| 81102     | 079            | INSTRUMENTAL-R&P SA246B-INLET            | TEOM-GRAVIMETRIC            |
| 88101     | 118            | R & P Model 2025 PM2.5 Sequential w/WINS | GRAVIMETRIC                 |

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PQAOS USED IN THIS REPORT

| PQAO | AGENCY DESCRIPTION                                       |
|------|--|
| 0776 | North Carolina Dept Of Environment And Natural Resources |

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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.