## Selection Criteria Page 1

### GEOGRAPHIC SELECTIONS

<table>
<thead>
<tr>
<th>Tribal Code</th>
<th>State County</th>
<th>Site</th>
<th>Parameter</th>
<th>POC</th>
<th>City</th>
<th>AQCR</th>
<th>UAR</th>
<th>CBSA</th>
<th>CSA</th>
<th>Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>49</td>
<td>88101</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PROTOCOL SELECTIONS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Classification</th>
<th>Method</th>
<th>Duration</th>
</tr>
</thead>
</table>

### QUICK LOOK

#### SELECTED OPTIONS

<table>
<thead>
<tr>
<th>Option Type</th>
<th>Option Value</th>
<th>Order</th>
<th>Column</th>
</tr>
</thead>
<tbody>
<tr>
<td>WORKFILE DELIMITER</td>
<td>,</td>
<td>1</td>
<td>PARAMETER_CODE</td>
</tr>
<tr>
<td>EVENTS PROCESSING</td>
<td>EXCLUDE REGIONALLY CONCURRED EVENTS</td>
<td>2</td>
<td>STATE_CODE</td>
</tr>
<tr>
<td>AGENCY ROLE</td>
<td>PQAO</td>
<td>3</td>
<td>COUNTY_CODE</td>
</tr>
<tr>
<td>MERGE PDF FILES</td>
<td>YES</td>
<td>4</td>
<td>SITE_ID</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5</td>
<td>POC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6</td>
<td>DATES</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7</td>
<td>EDT_ID</td>
</tr>
</tbody>
</table>

### DATE CRITERIA

<table>
<thead>
<tr>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>2020</td>
</tr>
</tbody>
</table>

### APPLICABLE STANDARDS

<table>
<thead>
<tr>
<th>Standard Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO 1-hour 1971</td>
</tr>
<tr>
<td>CO 8-hour 1971</td>
</tr>
<tr>
<td>Lead 3-Month 2009</td>
</tr>
<tr>
<td>Lead 3-Month PM10 Surrogate 2009</td>
</tr>
<tr>
<td>NO2 1-hour</td>
</tr>
<tr>
<td>NO2 Annual 1971</td>
</tr>
<tr>
<td>Ozone 1-hour 1979</td>
</tr>
<tr>
<td>Ozone 8-Hour 2008</td>
</tr>
<tr>
<td>PM10 24-hour 2006</td>
</tr>
<tr>
<td>PM25 24-hour 2012</td>
</tr>
<tr>
<td>PM25 Annual 2012</td>
</tr>
<tr>
<td>SO2 1-hour 2010</td>
</tr>
<tr>
<td>SO2 24-hour 1971</td>
</tr>
<tr>
<td>SO2 3-hour 1971</td>
</tr>
<tr>
<td>SO2 Annual 1971</td>
</tr>
</tbody>
</table>
### EXCEPTIONAL DATA TYPES

<table>
<thead>
<tr>
<th>EDT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>NO EVENTS</td>
</tr>
<tr>
<td>1</td>
<td>EVENTS EXCLUDED</td>
</tr>
<tr>
<td>2</td>
<td>EVENTS INCLUDED</td>
</tr>
<tr>
<td>5</td>
<td>EVENTS WITH CONCURRENCE EXCLUDED</td>
</tr>
</tbody>
</table>

Note: The * indicates that the mean does not satisfy summary criteria.
<table>
<thead>
<tr>
<th>SITE ID</th>
<th>PO</th>
<th>PQAO</th>
<th>CITY</th>
<th>COUNTY</th>
<th>ADDRESS</th>
<th>YEAR</th>
<th>METH</th>
<th>DAYS</th>
<th>1ST MAX</th>
<th>2ND MAX</th>
<th>3RD MAX</th>
<th>4TH MAX</th>
<th>98TH PERCENTILE VALUE</th>
<th>WTD ARITH MEAN</th>
<th>CERT</th>
<th>EVAL</th>
<th>EDT</th>
</tr>
</thead>
<tbody>
<tr>
<td>49-005-0007</td>
<td>1 1113</td>
<td>Smithfield</td>
<td>Cache</td>
<td>Cache</td>
<td>675 West 220 North</td>
<td>2020</td>
<td>145</td>
<td>353</td>
<td>61.6</td>
<td>50.2</td>
<td>41.0</td>
<td>39.6</td>
<td>28.6</td>
<td>8.08</td>
<td>S</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>49-005-0007</td>
<td>2 1113</td>
<td>Smithfield</td>
<td>Cache</td>
<td>Cache</td>
<td>675 West 220 North</td>
<td>2020</td>
<td>145</td>
<td>61</td>
<td>62.1</td>
<td>48.8</td>
<td>40.8</td>
<td>38.7</td>
<td>48.8</td>
<td>8.21</td>
<td>S</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>49-005-0007</td>
<td>4 1113</td>
<td>Smithfield</td>
<td>Cache</td>
<td>Cache</td>
<td>675 West 220 North</td>
<td>2020</td>
<td>184</td>
<td>31</td>
<td>65.2</td>
<td>53.4</td>
<td>45.3</td>
<td>45.2</td>
<td>65.2</td>
<td>8.38</td>
<td>S</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>49-005-0007</td>
<td>5 1113</td>
<td>Smithfield</td>
<td>Cache</td>
<td>Cache</td>
<td>675 West 220 North</td>
<td>2020</td>
<td>184</td>
<td>365</td>
<td>71.3</td>
<td>57.2</td>
<td>48.1</td>
<td>44.3</td>
<td>29.4</td>
<td>8.68</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>49-011-0004</td>
<td>1 1113</td>
<td>Bountiful</td>
<td>Davis</td>
<td>Davis</td>
<td>171 WEST 1370 North, BOONTIFUL, UTAH</td>
<td>2020</td>
<td>145</td>
<td>325</td>
<td>32.3</td>
<td>28.8</td>
<td>27.4</td>
<td>26.1</td>
<td>25.6</td>
<td>7.09</td>
<td>S</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>49-011-0004</td>
<td>3 1113</td>
<td>Bountiful</td>
<td>Davis</td>
<td>Davis</td>
<td>171 WEST 1370 North, BOONTIFUL, UTAH</td>
<td>2020</td>
<td>184</td>
<td>366</td>
<td>63.8</td>
<td>46.5</td>
<td>45.3</td>
<td>41.3</td>
<td>34.0</td>
<td>9.17</td>
<td>S</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>49-013-0002</td>
<td>3 1113</td>
<td>Roosevelt</td>
<td>Duchesne</td>
<td>Duchesne</td>
<td>290 S. 1000 W.</td>
<td>2020</td>
<td>184</td>
<td>366</td>
<td>45.3</td>
<td>44.6</td>
<td>44.3</td>
<td>37.0</td>
<td>23.2</td>
<td>7.46</td>
<td>S</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>49-013-0002</td>
<td>4 1113</td>
<td>Roosevelt</td>
<td>Duchesne</td>
<td>Duchesne</td>
<td>290 S. 1000 W.</td>
<td>2020</td>
<td>184</td>
<td>306</td>
<td>43.1</td>
<td>39.9</td>
<td>35.3</td>
<td>35.2</td>
<td>24.1</td>
<td>5.74*</td>
<td>S</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>49-021-0005</td>
<td>1 1113</td>
<td>Enoch</td>
<td>Iron</td>
<td>Iron</td>
<td>3840 North 325 East</td>
<td>2020</td>
<td>184</td>
<td>366</td>
<td>28.7</td>
<td>21.6</td>
<td>19.4</td>
<td>18.1</td>
<td>16.5</td>
<td>5.38</td>
<td>S</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>49-035-2005</td>
<td>4 1113</td>
<td>Midvale</td>
<td>Salt Lake</td>
<td>Salt Lake</td>
<td>8449 S. Monroe St.</td>
<td>2020</td>
<td>184</td>
<td>363</td>
<td>49.3</td>
<td>48.7</td>
<td>40.6</td>
<td>36.9</td>
<td>31.2</td>
<td>9.22</td>
<td>S</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>49-035-3006</td>
<td>1 1113</td>
<td>Salt Lake City</td>
<td>Salt Lake City</td>
<td>Salt Lake City</td>
<td>1675 SOUTH 600 EAST, SALT LAKE CITY</td>
<td>2020</td>
<td>145</td>
<td>328</td>
<td>41.7</td>
<td>30.2</td>
<td>29.3</td>
<td>29.1</td>
<td>26.4</td>
<td>7.60</td>
<td>S</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>49-035-3006</td>
<td>2 1113</td>
<td>Salt Lake City</td>
<td>Salt Lake City</td>
<td>Salt Lake City</td>
<td>1675 SOUTH 600 EAST, SALT LAKE CITY</td>
<td>2020</td>
<td>184</td>
<td>357</td>
<td>30.9</td>
<td>30.0</td>
<td>29.3</td>
<td>29.1</td>
<td>27.0</td>
<td>7.33</td>
<td>S</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

Note: The * indicates that the mean does not satisfy summary criteria.
Note: The * indicates that the mean does not satisfy summary criteria.
### PM2.5 - Local Conditions (88101) Utah

<table>
<thead>
<tr>
<th>SITE ID</th>
<th>CITY</th>
<th>COUNTY</th>
<th>ADDRESS</th>
<th>YEAR</th>
<th>METH</th>
<th>DAYS</th>
<th>1ST</th>
<th>2ND</th>
<th>3RD</th>
<th>4TH</th>
<th>98TH PERCENTILE</th>
<th>WTD ARITH MEAN</th>
<th>CERT</th>
<th>EVAL</th>
<th>EDT</th>
</tr>
</thead>
<tbody>
<tr>
<td>49-049-4001</td>
<td>Lindon</td>
<td>Utah</td>
<td>30 NORTH MAIN</td>
<td>2020</td>
<td>184</td>
<td>345</td>
<td>38.2</td>
<td>38.2</td>
<td>28.7</td>
<td>28.0</td>
<td>26.2</td>
<td>7.85</td>
<td>S</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>49-049-5010</td>
<td>Spanish Fork</td>
<td>Utah</td>
<td>312 W. 2050</td>
<td>2020</td>
<td>145</td>
<td>346</td>
<td>41.4</td>
<td>37.0</td>
<td>35.1</td>
<td>30.6</td>
<td>25.4</td>
<td>7.23</td>
<td>S</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>49-049-5010</td>
<td>Spanish Fork</td>
<td>Utah</td>
<td>312 W. 2050</td>
<td>2020</td>
<td>184</td>
<td>363</td>
<td>39.5</td>
<td>34.2</td>
<td>31.5</td>
<td>31.4</td>
<td>24.5</td>
<td>7.47</td>
<td>S</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>49-053-0007</td>
<td>Hurricane</td>
<td>Washington</td>
<td>147 N 870 W, Hurricane</td>
<td>2020</td>
<td>184</td>
<td>355</td>
<td>23.4</td>
<td>21.2</td>
<td>21.0</td>
<td>20.4</td>
<td>16.6</td>
<td>5.82</td>
<td>S</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>49-057-1003</td>
<td>Harrisville</td>
<td>Weber</td>
<td>425 W 2550</td>
<td>2020</td>
<td>145</td>
<td>327</td>
<td>42.0</td>
<td>38.9</td>
<td>30.8</td>
<td>26.9</td>
<td>22.7</td>
<td>6.91</td>
<td>S</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>49-057-1003</td>
<td>Harrisville</td>
<td>Weber</td>
<td>425 W 2550</td>
<td>2020</td>
<td>184</td>
<td>354</td>
<td>47.5</td>
<td>41.9</td>
<td>33.2</td>
<td>29.7</td>
<td>25.6</td>
<td>6.88</td>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: The * indicates that the mean does not satisfy summary criteria.
Note: These reported values do not reflect the combination of 14129 and 85129 and validation substitution tests utilized for Design Value Calculations
Note: The * indicates that the mean does not satisfy summary criteria.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>METHOD CODE</th>
<th>COLLECTION METHOD</th>
<th>ANALYSIS METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>88101</td>
<td>145</td>
<td>R &amp; P Model 2025 PM-2.5 Sequential Air Sample</td>
<td>Gravimetric</td>
</tr>
<tr>
<td>88101</td>
<td>184</td>
<td>Thermo Scientific Model 5030 SHARP w/VSCC</td>
<td>Beta Attenuation</td>
</tr>
</tbody>
</table>
Note: The * indicates that the mean does not satisfy summary criteria.
The monitoring organization has revised data from this monitor since the most recent certification letter received from the state.

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.

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.

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.

Certification is not required by 40 CFR 58.15 and no conditions apply to be the basis for assigning another flag value

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).

<table>
<thead>
<tr>
<th>FLAG</th>
<th>MEANING</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>The monitoring organization has revised data from this monitor since the most recent certification letter received from the state.</td>
</tr>
<tr>
<td>N</td>
<td>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.</td>
</tr>
<tr>
<td>S</td>
<td>The certifying agency has submitted the certification letter and required summary reports. A value of &quot;S&quot; conveys no Regional assessment regarding data quality per se. This flag will remain until the Region provides an &quot;N&quot; or &quot;Y&quot; concurrence flag.</td>
</tr>
<tr>
<td>U</td>
<td>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.</td>
</tr>
<tr>
<td>X</td>
<td>Certification is not required by 40 CFR 58.15 and no conditions apply to be the basis for assigning another flag value</td>
</tr>
<tr>
<td>Y</td>
<td>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).</td>
</tr>
</tbody>
</table>

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