

**Question #10 CAA Majors report- Compilation of Evaluations, Violations and Enforcement Reported to EPA Databases for CAA Major Sources**

| State  | 2008 Active Major Facilities Universe | Major Facilities with Full Compliance Evaluations |     |       | Percent of Major Facilities with FCEs in 2008 |       |     | Major Facilities with Partial Compliance Evaluations |       |       | Facilities with Non-compliance "Identified" in 2008 | Facilities with Non-compliance in 2008 |       | Major Facilities with New High Priority Violations (HPVs) Discovered 2008 |       |     | High Priority Violation Discovery Rate | Number of Major Sources with Informal Enforcement Actions Issued in 2008 |     |       | Number of Major Sources with Formal Enforcement Actions Issued in 2008 |     |             | Total Assessed Penalties 2008 |     |       | Percentage of HPV Addressing Actions in 2008 With Penalty |     |
|--------|---------------------------------------|---|-----|-------|---|-------|-----|--|-------|-------|---|--|-------|---|-------|-----|--|--|-----|-------|--|-----|-------------|-------------------------------|-----|-------|---|-----|
|        |                                       | A   | B   |       | C   |       | D   |  | E     |       |   | F                                      |       | G   |       | H   |  | I  |     | J     |  | K   |             | L                             |     |       | M   |     |
| Agency | Total                                 | State   | EPA | Total | Total   | State | EPA | Total  | Total | Total | State   | EPA                                    | Total | Total   | State | EPA | Total                                  | State  | EPA | Total | State  | EPA | Total       | State                         | EPA | Total | State   | EPA |
| SC     | 718                                   | 511   | 4   | 515   | 72%   | 530   | 4   | 534  | 58    | 73    | 16  | 0                                      | 16    | 2%  | 65    | 0   | 65                                     | 16   | 0   | 16    | \$1,077,100  | \$0 | \$1,077,100 | 100%                          | n/a |       |   |     |

\*This chart includes data for all Title V and Synthetic Minor sources for FFY2008

\* The highlighted yellow areas represent corrected data

**Question #10 CAA Non-Majors report- Compilation of Evaluations, Violations and Enforcement Reported to EPA Databases for CAA Major Sources**

| State  | 2008 Active Non-Major Facilities Universe | Non-Major Facilities with Full Compliance Evaluations |     |       | Percent of Non-Major Facilities with FCEs in 2008 | Non-Major Facilities with Partial Compliance Evaluations |     |       | Facilities with Non-compliance "Identified" in 2008 | Facilities with Non-compliance in 2008 | NonMajor Facilities with New High Priority Violations (HPVs) Discovered 2008 |     |       | High Priority Violation Discovery Rate | Number of Non-Major Sources with Informal Enforcement Actions Issued in 2008 |     |       | Number of Non-Major Sources with Formal Enforcement Actions Issued in 2008 |     |       | Total Assessed Penalties 2008 |     |          | Percentage of HPV Addressing Actions in 2008 With Penalty |     |  |   |  |  |   |  |  |   |  |  |
|--------|---|---|-----|-------|---|--|-----|-------|---|--|--|-----|-------|--|--|-----|-------|--|-----|-------|-------------------------------|-----|----------|---|-----|--|---|--|--|---|--|--|---|--|--|
|        |   | A   | B   |       |   | C  |     |       |   |  | D  |     |       |  | E  |     |       | F  |     |       | G                             |     |          | H   |     |  | I |  |  | J |  |  | K |  |  |
| Agency | Total                                     | State   | EPA | Total | Total   | State  | EPA | Total | Total   | Total                                  | State  | EPA | Total | Total                                  | State  | EPA | Total | State  | EPA | Total | State                         | EPA | Total    | State   | EPA |  |   |  |  |   |  |  |   |  |  |
| SC     | 1356                                      | 0   | 1   | 1     | 0%  | 707  | 2   | 709   | 9   | 9                                      | 4  | 0   | 4     | 0.30%                                  | 6  | 0   | 6     | 4  | 1   | 5     | \$55,250                      | \$0 | \$55,250 | 100%  | n/a |  |   |  |  |   |  |  |   |  |  |

\* The highlighted yellow areas represent corrected data. Non-Major compliance/enforcement data is not required by policy or submitted to EPA by South Carolina.

**Question # 10 Annual CAA Total Facilities- Compilation of Evaluations, Violations and Enforcement Reported to EPA Databases for CAA**

| State  | 2008 Active(1) Total Facilities Universe | Total Facilities with Full Compliance Evaluations(2) |     |       | Percent of Total Facilities with FCEs in 2008(2,3) | Total Facilities with Partial Compliance Evaluations(2,6) |     | Total Facilities with Non-compliance(4) "Identified" in 2008 | Total Facilities with Non-compliance (4) in 2008 | Total Facilities with New High Priority Violations (HPVs) Discovered 2008 |     | High Priority Violation Discovery Rate | Number of Total Facilities with Informal Enforcement Actions Issued in 2008 | Number of Total Sources with Formal Enforcement Actions Issued in 2008 |       | Total Assessed(5) Penalties | Percentage of HPV Addressing Actions in 2008 With Penalty |     |
|--------|--|--|-----|-------|--|---|-----|--|--|---|-----|--|---|--|-------|-----------------------------|---|-----|
|        |  | State  | EPA | Total |  | State   | EPA |  |  | State   | EPA |  |   | State  | Total |                             | State   | EPA |
| A      | B  | C  |     |       | D  | E   |     | F  | G  | H   |     | I                                      | J   | K  |       | L                           | M   |     |
| Agency | Total                                    | State  | EPA | Total | Total  | State   | EPA | Total  | Total  | State   | EPA | Total                                  | State   | State  | Total | State                       | State   | EPA |
| SC     | 2074                                     | 511  | 5   | 516   | 25%  | 1,237   | 6   | 67   | 81   | 20  | 0   | 1%                                     | 70  | 20   | 21    | \$1,132,350                 | 100%  | n/a |

\* The highlighted yellow areas represent corrected data.

**Question #11 State Review Framework (SRF) CAA State Trends Report**

| Metric  | Metric Type   | Agency  | 2004         | 2005  | 2006  | 2007  | 2008  | Graph  |     |     |
|---|---|---|--------------|-------|-------|-------|-------|--------|-----|-----|
| 1. Data completeness, degree to which the minimum data requirements are complete. |   |   |              |       |       |       |       |        |     |     |
| A   | Title V Universe: AFS Operating Majors (Current)  | Data Quality                                    | State        | N/A   | N/A   | N/A   | N/A   | 286    | N/A |     |
|   |   |   | Combined     | N/A   | N/A   | N/A   | N/A   | 286    | N/A |     |
|   | Title V Universe: AFS Operating Majors with Air Program Code = V (Current)                        | Data Quality                                    | State        | N/A   | N/A   | N/A   | N/A   | 280    | N/A |     |
|   |   |   | Combined     | N/A   | N/A   | N/A   | N/A   | 280    | N/A |     |
| B   | Source Count: Synthetic Minors (Current)  | Data Quality                                    | State        | N/A   | N/A   | N/A   | N/A   | 427    | N/A |     |
|   |   |   | Combined     | N/A   | N/A   | N/A   | N/A   | 427    | N/A |     |
|   | Source Count: NESHAP Minors (Current)   | Data Quality                                    | State        | N/A   | N/A   | N/A   | N/A   | 49     | N/A |     |
|   |   |   | Combined     | N/A   | N/A   | N/A   | N/A   | 49     | N/A |     |
|   | Source Count: Active Minor facilities or otherwise FedRep, not including NESHAP Part 61 (Current) | Informational Only                              | State        | N/A   | N/A   | N/A   | N/A   | 1,162  | N/A |     |
|   |   |   | Combined     | N/A   | N/A   | N/A   | N/A   | 1,162  | N/A |     |
| C   | CAA Subprogram Designations: NSPS (Current)   | Data Quality                                    | State        | N/A   | N/A   | N/A   | N/A   | 216    | N/A |     |
|   |   |   | Combined     | N/A   | N/A   | N/A   | N/A   | 216    | N/A |     |
|   | CAA Subprogram Designations: NESHAP (Current)   | Data Quality                                    | State        | N/A   | N/A   | N/A   | N/A   | 65     | N/A |     |
|   |   |   | Combined     | N/A   | N/A   | N/A   | N/A   | 65     | N/A |     |
|   | CAA Subprogram Designations: MACT (Current)   | Data Quality                                    | State        | N/A   | N/A   | N/A   | N/A   | 164    | N/A |     |
|   |   |   | Combined     | N/A   | N/A   | N/A   | N/A   | 164    | N/A |     |
|   | CAA Subpart Designations: Percent NSPS facilities with FCEs conducted after 10/1/2005             | Data Quality                                    | State        | N/A   | N/A   | N/A   | N/A   | 92.30% | N/A |     |
|   | CAA Subpart Designations: Percent NESHAP facilities with FCEs conducted after 10/1/2005           | Data Quality                                    | State        | N/A   | N/A   | N/A   | N/A   | 33.30% | N/A |     |
|   | CAA Subpart Designations: Percent MACT facilities with FCEs conducted after 10/1/2005             | Data Quality                                    | State        | N/A   | N/A   | N/A   | N/A   | 96.50% | N/A |     |
|   |   |   | Combined     | N/A   | N/A   | N/A   | N/A   | 94.50% | N/A |     |
|   | D   | Compliance Monitoring: Sources with FCEs (1 FY) | Data Quality | State | 513   | 511   | 515   | 540    | 475 | N/A |
|   |   | Compliance Monitoring: Number of FCEs (1 FY)    | Data Quality | State | 594   | 585   | 570   | 580    | 503 | N/A |
| Compliance Monitoring: Number of PCEs (1 FY)                                      |   | Informational Only                              | State        | 1,730 | 1,622 | 1,524 | 1,575 | 1,415  | N/A |     |
| E   | Historical Non-Compliance Counts (1 FY)   | Data Quality                                    | State        | 162   | 92    | 90    | 77    | 81     | N/A |     |
|   |   |   | Combined     | 162   | 92    | 90    | 77    | 83     | N/A |     |

|  |   |                  |          |        |           |         |           |             |     |
|--|---|------------------|----------|--------|-----------|---------|-----------|-------------|-----|
| F  | Informal Enforcement Actions: Number Issued (1 FY)  | Data Quality     | State    | 135    | 79        | 124     | 88        | 71          | N/A |
|  | Informal Enforcement Actions: Number of Sources (1 FY)  | Data Quality     | State    | 112    | 72        | 116     | 84        | 70          | N/A |
| G  | HPV: Number of New Pathways (1 FY)  | Data Quality     | State    | 20     | 23        | 23      | 22        | 22          | N/A |
|  | HPV: Number of New Sources (1 FY)   | Data Quality     | State    | 19     | 19        | 21      | 19        | 20          | N/A |
| H  | HPV Day Zero Pathway Discovery date: Percent DZs with discovery   | Data Quality     | State    | 0/0    | 0/0       | 90.90%  | 100%      | 100%        | N/A |
|  | HPV Day Zero Pathway Violating Pollutants: Percent DZs  | Data Quality     | State    | 0/0    | 0/0       | 100%    | 100%      | 100%        | N/A |
|  | HPV Day Zero Pathway Violation Type Code(s): Percent DZs with HPV Violation Type Code(s)                    | Data Quality     | State    | 0/0    | 0/0       | 100%    | 100%      | 100%        | N/A |
| I  | Formal Action: Number Issued (1 FY)   | Data Quality     | State    | 76     | 42        | 54      | 26        | 20          | N/A |
|  | Formal Action: Number of Sources (1 FY)   | Data Quality     | State    | 51     | 35        | 52      | 26        | 20          | N/A |
| J  | Assessed Penalties: Total Dollar Amount (1 FY)  | Data Quality     | State    | #####  | \$193,550 | 533,250 | \$266,250 | \$1,132,350 | N/A |
| K  | Major Sources Missing CMS Policy Applicability (Current)  | Review Indicator | State    | N/A    | N/A       | N/A     | N/A       | 0           | N/A |
| 2. Data accuracy. degree to which the minimum data requirements are accurate.            |   |                  |          |        |           |         |           |             |     |
| A  | Number of HPVs/Number of NC Sources (1 FY)  | Data Quality     | State    | 26.30% | 41.20%    | 35.70%  | 40.60%    | 53.10%      | N/A |
|  |   |                  | Combined | 26.30% | 32.60%    | 34.90%  | 39.40%    | 51.50%      | N/A |
| B  | Stack Test Results at Federally-Reportable Sources - % Without Pass/Fail Results (1 FY)                     | Goal             | State    | 0.40%  | 0.20%     | 0%      | 0%        | 0%          | N/A |
|  | Stack Test Results at Federally-Reportable Sources - Number of Failures (1 FY)                              | Data Quality     | State    | 7      | 21        | 14      | 4         | 11          | N/A |
| 3. Timeliness of data entry. degree to which the minimum data requirements are complete. |   |                  |          |        |           |         |           |             |     |
| A  | Percent HPVs Entered ≤ 60 Days After Designation, Timely Entry (1 FY)                                       | Goal             | State    | 100%   | 100%      | 87.00%  | 59.10%    | 81.80%      | N/A |
| B  | Percent Compliance Monitoring related MDR actions reported ≤ 60 Days After Designation, Timely Entry (1 FY) | Goal             | State    | N/A    | N/A       | 86.80%  | 81.80%    | 81.30%      | N/A |

|   |   |                    |          |       |        |        |        |        |     |
|---|---|--------------------|----------|-------|--------|--------|--------|--------|-----|
|   | Percent Enforcement related MDR actions reported ≤ 60 Days After Designation, Timely Entry (1 FY) | Goal               | State    | N/A   | N/A    | 89.30% | 96%    | 76.60% | N/A |
| 5. Inspection coverage. degree to which state completed the universe of planned inspections/compliance evaluations.   |   |                    |          |       |        |        |        |        |     |
| A   | CMS Major Full Compliance Evaluation (FCE) Coverage (2 FY CMS Cycle)                              | Goal               | State    | 100%  | 100%   | 100%   | 100%   | 100%   | N/A |
|   |   |                    | Combined | 100%  | 100%   | 100%   | 100%   | 100%   | N/A |
| B   | CAA Major Full Compliance Evaluation (FCE) Coverage(most recent 2 FY)                             | Review Indicator   | State    | 100%  | 100%   | 100%   | 100%   | 100%   | N/A |
|   |   |                    | Combined | 100%  | 100%   | 100%   | 100%   | 100%   | N/A |
|   | CAA Synthetic Minor 80% Sources (SM-80) FCE Coverage (5 FY CMS Cycle) 1                           | Review Indicator   | State    | 100%  | 100%   | 100%   | 100%   | 100%   | N/A |
|   |   |                    | Combined | 100%  | 100%   | 100%   | 100%   | 100%   | N/A |
|   | CAA Synthetic Minor 80% Sources (SM-80) FCE Coverage (last full 5 FY)                             | Informational Only | State    | 100%  | 100%   | 100%   | 100%   | 100%   | N/A |
| Combined  |   |                    | 100%     | 100%  | 100%   | 100%   | 100%   | N/A    |     |
| C   | CAA Synthetic Minor FCE and reported PCE Coverage (last 5 FY)                                     | Informational Only | State    | 100%  | 100%   | 100%   | 100%   | 100%   | N/A |
|   |   |                    | Combined | 100%  | 100%   | 100%   | 100%   | 100%   | N/A |
| D   | CAA Minor FCE and Reported PCE Coverage (last 5 FY)   | Informational Only | State    | N/A   | N/A    | N/A    | N/A    | N/A    | N/A |
| E   | Number of Sources with Unknown Compliance Status  | Review Indicator   | State    | 18    | 8      | 22     | 57     | 0      | N/A |
|   |   |                    | Combined | 18    | 8      | 22     | 57     | 0      | N/A |
| F   | CAA Stationary Source Investigations (last 5 FY)  | Informational Only | State    | 0     | 0      | 0      | 0      | 0      | N/A |
| G   | Review of Self-Certifications Completed (1 FY)  | Goal               | State    | 100%  | 100%   | 100%   | 100%   | 100%   | N/A |
| 7. Identification of alleged violations. degree to which compliance determinations are accurately made and promptly reported in the national database based upon compliance monitoring report observations and other compliance monitoring information. |   |                    |          |       |        |        |        |        |     |
| C   | Percent facilities in noncompliance that have had an FCE, stack test, or enforcement (1 FY)       | Review Indicator   | State    | N/A   | 8.30%  | 11.90% | 10.30% | 12%    | N/A |
|   |   |                    | EPA      | 0/0   | 0/0    | 0/0    | 0/0    | 0/0    | N/A |
|   | Percent facilities that have had a failed stack test and have noncompliance status (1 FY)         | Review Indicator   | State    | N/A   | 54.50% | 22.20% | 66.70% | 75%    | N/A |
| 8. Identification of SNC and HPV. degree to which the state accurately identifies significant noncompliance & high priority violations and enters information into the national system in a timely manner.  |   |                    |          |       |        |        |        |        |     |
| A   | High Priority Violation Discovery Rate - Per Major Source (1 FY)                                  | Review Indicator   | State    | 2.40% | 3.80%  | 3.50%  | 3.80%  | 4%     | N/A |
|   |   |                    | EPA      | 0%    | 0%     | 0%     | 0%     | 0%     | N/A |
| B   | High Priority Violation Discovery Rate - Per Synthetic  | Review             | State    | 2.60% | 1.20%  | 1.90%  | 0.90%  | 0.70%  | N/A |

|  |   |                  |       |        |        |        |        |        |     |
|--|---|------------------|-------|--------|--------|--------|--------|--------|-----|
| B  | Discovery Rate - Per Synthetic Minor Source (1 FY)  | Indicator        | EPA   | 0.20%  | 0%     | 0%     | 0%     | 0%     | N/A |
| C  | Percent Formal Actions With Prior HPV - Majors (1 FY)   | Review Indicator | State | 64%    | 25%    | 43.30% | 60%    | 77.80% | N/A |
| D  | Percent Informal Enforcement Actions Without Prior HPV - Majors (1 FY)  | Review Indicator | State | 76.90% | 75%    | 77.40% | 62.50% | 66.70% | N/A |
| E  | Percentage of Sources with Failed Stack Test Actions that received HPV listing - Majors and Synthetic Minors (2 FY) | Review Indicator | State | 71.40% | 72.20% | 68.40% | 54.50% | 66.70% | N/A |
| 10. Timely and Appropriate Action. Degree to which a state takes timely and appropriate enforcement actions in accordance with policy relating to specific media.  |   |                  |       |        |        |        |        |        |     |
| A  | Percent HPVs not meeting timeliness goals (2 FY)  | Review Indicator | State | 53.40% | 43.20% | 22.20% | 28.60% | 16.30% | N/A |
| 12. Final penalty assessment and collection. Degree to which differences between initial and final penalty are documented in the file along with a demonstration in the file that the final penalty was collected. |   |                  |       |        |        |        |        |        |     |
| A  | No Activity Indicator - Actions with Penalties (1 FY)   | Review Indicator | State | 76     | 42     | 54     | 26     | 20     | N/A |
| B  | Percent Actions at HPVs With Penalty (1 FY)   | Review Indicator | State | 88.90% | 100%   | 95.70% | 100%   | 100%   | N/A |

\* The limitation of EPA's AFS data system prevents an accurate evaluation of prior years for all data points, thus the state was only able to provide realistic information for 2008. However, based on commitments, consistent workplans, and activity reports the state believes the results for 2004-2007 would be consistent with 2008

\* Regarding Section 5.A and 5.B,C respectively, SC annually exceeds their commitments for FCE coverage and conducted FCE's at a rate of 142% for the 2yr period and 214% for the 5yr period reviewed.

**Question #14 CAA Violations and Deviations Identified in 2008**

| A     | B                                | C                         | D                        |            | E                                |            | F  |                          |                   |                              | G   |                         |                          |
|-------|----------------------------------|---------------------------|--------------------------|------------|----------------------------------|------------|--|--------------------------|-------------------|------------------------------|---|-------------------------|--------------------------|
| State | Active Major Facilities Universe | Active Non-Major Universe | HPV's Identified in 2008 |            | Violations(3) Identified in 2008 |            | Stack Tests in 2008: Conducted and Failures(4) |                          |                   |                              | Facilities with Self-Reported Violations/Deviations(5) Based on Title V Annual Compliance Certifications (ACCs) (Majors Only) |                         |                          |
|       |                                  |                           | Majors                   | Non-Majors | Majors                           | Non-Majors | Majors Tested                                  | Majors with Failed Tests | Non-majors Tested | Non-Majors with Failed Tests | ACCs Received / Reviewed  | Deviations Reported (5) | Violations Discovered(5) |
| SC    | 718                              | 1356                      | 16                       | 4          | 73                               | 9          | 123  | 10                       | 8                 | 2                            | 281   | 169                     | 3                        |

\* The highlighted yellow areas represent corrected data.