

Hahnville, LA  
St. Charles Operations Site  
Fenceline Monitoring Program  
Civil Action No. 2:21-cv-114



| Sample Name          | SCO_AMP-01                                  | SCO_AMP-02        | SCO_AMP-03 | SCO_AMP-04 | SCO_AMP-05 | SCO_AMP-06 | SCO_AMP-07 | SCO_AMP-08 | SCO_AMP-09 | SCO_AMP-10 | SCO_AMP-11 | SCO_AMP-12 | SCO_AMP-13 | SCO_AMP-14 |
|----------------------|---------------------------------------------|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Date of Retrieval    | Benzene Sample Results (µg/m <sup>3</sup> ) |                   |            |            |            |            |            |            |            |            |            |            |            |            |
| 7/09/2025            | 1.040                                       | 2.870             | 0.376      | 0.335      | 0.350      | 0.284      | 0.397      | 0.370      | 0.481      | 0.552      | 1.140      | 1.680      | 3.010      | 1.110      |
| 7/23/2025            | 0.728                                       | 2.880             | 0.410      | 0.313      | 0.300      | 0.248      | 0.236      | 0.353      | 0.346      | 0.453      | 0.577      | 0.763      | 2.730      | 0.965      |
| 8/07/2025            | 0.658                                       | 1.480             | 0.514      | 0.477      | 0.402      | 0.325      | 0.366      | 0.452      | 0.629      | 0.417      | 0.804      | 1.540      | 1.200      | 0.595      |
| 8/20/2025            | 0.590                                       | 1.190             | 0.465      | 0.448      | 0.447      | 0.388      | 0.345      | 0.438      | 0.680      | 0.782      | 2.030      | 1.250      | 1.510      | 0.736      |
| 9/04/2025            | 0.553                                       | 0.690             | 0.394      | 0.420      | 0.486      | 0.387      | 0.521      | 0.510      | 0.688      | 0.800      | 2.160      | 1.110      | 1.580      | 0.629      |
| 9/18/2025            | 0.598                                       | 0.631             | 0.624      | 0.553      | 0.543      | 0.444      | 0.576      | 0.572      | 0.857      | 0.871      | 2.280      | 1.040      | 1.420      | 0.703      |
| 10/02/2025           | 0.735                                       | 1.210             | 0.582      | 0.599      | 0.615      | 0.598      | 0.710      | 0.516      | 0.864      | 0.620      | 1.560      | 1.390      | 1.640      | 0.594      |
| 10/16/2025           | 0.596                                       | 0.537             | 0.423      | 0.381      | 0.416      | 0.420      | 0.666      | 0.889      | 1.170      | 1.280      | 3.810      | 1.070      | 0.798      | 0.674      |
| 10/30/2025           | 0.455                                       | 0.784             | 0.636      | 0.375      | 0.602      | 0.415      | 0.356      | 0.441      | 0.651      | 0.709      | 1.600      | 1.880      | 1.230      | 0.601      |
| 11/13/2025           | 1.940                                       | 1.050             | 0.975      | 0.723      | 0.556      | 0.459      | 0.432      | 0.532      | 0.744      | 0.653      | 1.240      | 1.030      | 1.280      | 0.935      |
| 11/25/2025           | 0.52                                        | 0.757             | 0.374      | 0.369      | 0.341      | ND         | 0.404      | 0.415      | 0.597      | 0.451      | 1.05       | 2.27       | 1.37       | 0.741      |
| 12/09/2025           | 0.607                                       | 0.576             | 0.611      | 0.710      | 0.632      | 0.558      | 0.650      | 0.676      | 1.020      | 0.977      | 2.080      | 0.771      | 0.588      | 0.611      |
| 12/23/2025           | 0.606                                       | 0.844             | 0.629      | 0.522      | 0.579      | 0.619      | 0.520      | 0.632      | 0.795      | 0.830      | 1.250      | 1.650      | 1.580      | 0.709      |
| 1/07/2026            | 0.808                                       | 0.923             | 0.588      | 0.683      | 0.499      | 0.460      | 0.493      | 0.591      | 0.829      | 0.748      | 0.949      | 0.795      | 1.440      | 0.713      |
| 1/21/2026            | 0.775                                       | 2.120             | 1.060      | 0.886      | 0.665      | 0.455      | 0.583      | 0.516      | 0.685      | 0.606      | 1.180      | 1.410      | 1.330      | 0.830      |
| 2/04/2026            | 0.776                                       | 1.110             | 1.940      | 0.986      | 0.739      | 0.587      | 0.684      | 0.649      | 0.743      | 0.859      | 1.290      | 1.120      | 1.190      | 0.837      |
| 2/18/2026            | 0.787                                       | 1.650             | 0.988      | 0.840      | 0.996      | 0.578      | 0.690      | 0.614      | 0.722      | 0.774      | 1.370      | 1.770      | 1.590      | 1.160      |
| 3/04/2026            | 1.070                                       | 1.470             | 0.938      | 0.970      | 0.708      | 0.360      | 0.502      | 0.587      | 0.819      | 0.597      | 0.924      | 1.320      | 2.410      | 1.000      |
| 3/18/2026            | 0.513                                       | 0.719             | 0.887      | 0.507      | 0.391      | 0.298      | 0.342      | 0.394      | 0.533      | 0.423      | 0.708      | 3.060      | 1.290      | 0.546      |
| 4/01/2026            | 0.786                                       | 1.380             | 0.591      | 0.303      | 0.402      | 0.444      | 0.415      | 0.459      | 0.654      | 0.610      | 1.540      | 1.420      | 1.800      | 0.854      |
| 4/14/2026            | 0.389                                       | 0.382             | 0.354      | 0.366      | 0.470      | 0.392      | 0.531      | 0.523      | 1.000      | 0.921      | 2.150      | 2.580      | 1.130      | 0.369      |
| 4/29/2026            | 0.456                                       | 0.511             | 0.421      | 0.405      | 0.377      | 0.373      | 0.414      | 0.420      | 0.712      | 0.602      | 1.100      | 3.620      | 1.440      | 0.469      |
| 5/12/2026            | 0.748                                       | 0.487             | 0.458      | 0.476      | 0.608      | 0.538      | 0.751      | 0.466      | 0.707      | 0.701      | 1.830      | 1.490      | 1.320      | 0.622      |
| 5/27/2026            | 0.599                                       | 0.619             | 0.381      | 0.350      | 0.365      | 0.278      | 0.251      | 0.282      | 0.569      | 0.320      | 0.698      | 2.330      | 1.600      | 0.640      |
| 6/09/2026            | 0.531                                       | 0.566             | 0.258      | 0.226      | 0.230      | 0.226      | 0.271      | 0.294      | 0.407      | 0.714      | 0.763      | 2.200      | 1.930      | 0.517      |
| 06/23/2026           | 1.030                                       | 0.983             | 0.333      | 0.192      | 0.246      | 0.240      | 0.187      | 0.265      | 0.264      | 0.306      | 0.628      | 1.950      | 2.130      | 0.942      |
|                      |                                             |                   |            |            |            |            |            |            |            |            |            |            |            |            |
| Sampling Period ΔC * | 1.97                                        | µg/m <sup>3</sup> |            |            |            |            |            |            |            |            |            |            |            |            |
| Annual Average ΔC ** | 1.86                                        | µg/m <sup>3</sup> |            |            |            |            |            |            |            |            |            |            |            |            |

\* Sampling Period ΔC = Difference between the highest and lowest concentrations detected during the sampling period  
\*\* Annual Average ΔC = The rolling average of the 26 previous 14 day sampling periods.  
ND: The analyte was not detected