

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> ) |            |            |            |            |            |            |            |            |            |            |            |            |            |
| 12/26/2024        | 0.578                                       | 0.641      | 0.709      | Fe         | 0.716      | 0.577      | 0.720      | 0.663      | 1.270      | 0.987      | 2.190      | 1.370      | 1.950      | 0.607      |
| 1/08/2025         | 1.090                                       | 1.260      | 0.980      | 0.733      | 0.707      | 0.797      | 0.731      | 0.637      | 0.823      | 0.806      | 1.680      | 1.550      | 2.010      | 1.380      |
| 1/27/2025***      | 0.702                                       | 1.320      | 0.782      | 0.918      | 0.847      | 0.706      | 0.832      | 0.743      | 1.240      | 0.902      | 1.830      | 1.120      | 1.860      | 0.836      |
| 2/05/2025         | 1.380                                       | 3.140      | 0.818      | 0.880      | 0.857      | 0.888      | 0.936      | 0.843      | 1.310      | 1.010      | 1.860      | 2.810      | 4.210      | 1.390      |
| 2/19/2025         | 1.460                                       | 1.190      | 0.696      | 0.788      | 0.63       | 0.571      | 0.685      | 0.752      | 1.290      | 1.080      | 2.230      | 2.010      | 2.810      | 1.290      |
| 3/05/2025         | 0.819                                       | 1.220      | 0.758      | 1.080      | 0.882      | 0.715      | 0.681      | 0.753      | 1.270      | 0.901      | 1.950      | 1.490      | 2.540      | 0.747      |
| 3/20/2025         | 1.280                                       | 2.130      | 0.977      | 0.601      | 0.680      | 0.470      | 0.433      | 0.477      | 0.652      | 0.612      | 0.767      | 2.790      | 2.980      | 1.140      |
| 4/03/2025         | 0.546                                       | 0.938      | 0.533      | 0.790      | 0.440      | 0.415      | 0.400      | 0.406      | 0.521      | 0.547      | 0.955      | 5.340      | 4.800      | 1.000      |
| 4/17/2025         | 1.100                                       | 2.080      | 1.110      | 0.589      | 0.512      | 0.416      | 0.408      | 0.580      | 0.461      | 0.622      | 0.965      | 4.880      | 3.040      | 1.310      |
| 4/30/2025         | 0.569                                       | 0.669      | 0.345      | 0.362      | 0.358      | 0.346      | 0.331      | 0.330      | 0.634      | 0.577      | 1.160      | 8.220      | 24.600     | 0.802      |
| 5/14/2025         | 1.260                                       | 2.550      | 1.300      | 1.010      | 0.738      | 0.637      | 0.690      | 0.714      | 1.190      | 1.290      | 2.470      | 3.240      | 7.680      | 1.100      |
| 5/28/2025         | 0.763                                       | 0.764      | 0.427      | 0.389      | 0.351      | 0.349      | 0.328      | 0.335      | 0.531      | 0.422      | 0.724      | 3.780      | 2.130      | 0.933      |
| 6/12/2025         | 0.753                                       | 1.160      | 0.377      | 0.463      | 0.341      | 0.316      | 0.332      | 0.325      | 0.561      | 0.453      | 1.000      | 1.410      | 2.570      | 0.869      |
| 6/25/2025         | 0.554                                       | 0.696      | 0.512      | 0.316      | 0.303      | 0.412      | 0.353      | 0.361      | 0.647      | 0.617      | 1.130      | 3.040      | 2.130      | 0.618      |
| 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      |

|                      |      |                   |
|----------------------|------|-------------------|
| Sampling Period ΔC * | 1.52 | µg/m <sup>3</sup> |
| Annual Average ΔC ** | 3.32 | 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.

\*\*\* Dates are reflective of samples being collected outside of 14 +/- 1 days due to limited access to the site resulting from winter storm Enzo.

Fe: Results are not available due to a field error.

ND: The analyte was not detected