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^3)													
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
7/7/2026	0.788	2.050	0.440	0.328	0.350	0.368	0.348	0.356	0.662	0.485	0.973	0.942	2.660	0.835
7/21/2026	1.290	3.430	0.961	0.368	0.676	0.318	0.461	0.611	0.825	0.358	1.330	2.270	4.580	1.460
8/4/2026	1.020	5.820	0.501	0.425	0.402	0.353	0.313	0.315	0.394	0.325	0.550	1.250	4.600	0.904
8/18/2026	0.870	1.270	0.389	0.282	0.256	0.216	0.220	0.328	0.323	0.381	0.573	0.614	1.530	1.110
9/1/2026	0.912	2.720	0.641	0.393	0.452	0.421	0.388	0.427	0.485	0.452	0.440	0.467	1.370	0.818
9/15/2026	0.636	1.430	0.542	0.461	0.349	0.380	0.321	0.434	0.424	0.455	0.457	0.680	1.080	0.731
9/29/2026	1.450	1.900	0.797	0.498	0.525	0.536	0.603	0.674	1.160	0.788	1.300	1.310	2.750	0.993
10/13/2026	0.665	0.617	0.503	0.451	0.428	0.450	0.727	0.654	0.856	0.544	0.868	0.656	1.060	2.040

Sampling Period ΔC *	1.61	µg/m^3
Annual Average ΔC **	2.03	µg/m^3

* 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.
Fe: Results are not available due to a field error.
ND: The analyte was not detected, M = Results not available