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)													
10/03/2024	0.960	2.640	0.680	0.811	0.903	0.764	0.704	0.749	1.140	0.801	2.080	1.070	2.490	1.500
10/16/2024	0.823	2.600	0.638	0.780	0.869	0.768	1.080	0.828	1.330	1.000	3.510	0.691	2.390	1.560
10/30/2024	0.874	0.987	0.919	0.745	0.920	1.120	1.140	0.845	1.810	1.350	2.770	1.320	2.340	0.965
11/13/2024	0.489	0.407	0.373	0.375	0.478	0.411	0.401	0.509	1.000	1.030	2.460	2.460	4.160	0.544
11/26/2024	0.905	1.590	1.110	1.160	0.662	0.564	0.534	0.547	0.933	0.627	1.380	2.430	2.200	0.675
12/11/2024	0.800	0.797	0.712	0.591	0.737	0.638	0.659	0.738	1.340	0.926	1.990	1.320	1.620	1.220
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
09/04/2025	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
09/18/2025	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

Sampling Period ΔC *	1.84	µg/m^3
Annual Average ΔC **	3.43	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.

*** 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.