

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 ( $\mu\text{g}/\text{m}^3$ )													
9/7/2023	1.060	2.020	0.891	0.776	0.629	0.522	0.668	0.784	1.450	1.190	3.140	2.270	2.670	1.040
9/21/2023	1.180	3.330	0.813	0.648	0.713	0.777	0.703	0.771	1.270	0.909	2.420	1.660	1.800	1.630
10/05/2023	0.731	0.838	0.398	0.386	0.406	0.417	0.522	0.611	1.020	1.220	3.250	2.070	2.000	0.690
10/19/2023	0.803	1.520	1.530	0.994	0.720	0.735	0.742	0.772	1.180	0.981	1.970	1.420	1.830	1.440
11/2/2023	0.663	1.020	0.777	1.130	0.771	0.700	0.757	0.775	0.840	0.846	2.960	1.630	3.250	1.490
11/16/2023	0.784	0.771	0.720	0.680	0.592	0.660	0.841	1.010	1.650	1.380	3.820	1.560	2.020	1.130
11/29/2023	0.734	1.130	1.540	0.902	0.953	0.817	0.954	0.833	1.160	0.854	1.580	1.070	1.210	1.110
12/14/2023	0.840	1.510	1.240	0.732	0.637	0.637	0.667	0.725	1.060	1.050	2.130	1.520	2.070	1.220
12/28/2023	0.875	1.230	1.520	0.880	0.789	0.585	0.875	0.697	1.350	1.520	2.120	1.250	1.870	1.330
1/11/2024	1.630	2.870	0.799	0.576	0.717	0.710	0.732	0.710	0.915	0.844	1.470	1.340	2.460	1.680
1/26/2024	1.030	1.170	1.270	1.100	1.010	0.719	0.759	0.799	1.060	0.822	1.480	1.910	2.510	1.390
2/8/2024	1.030	1.710	1.370	0.856	0.753	0.596	0.671	0.705	0.875	0.882	1.160	1.230	2.550	1.920
2/22/2024	0.918	1.540	0.962	0.803	0.725	0.509	0.580	0.553	0.666	0.611	0.770	1.850	2.750	1.010
3/7/2024	1.240	1.190	0.940	0.679	0.601	0.526	0.598	0.708	0.880	0.913	1.490	1.250	2.350	1.200
3/21/2024	0.619	0.796	0.974	0.850	0.600	0.557	0.500	0.682	0.814	0.692	1.060	2.210	2.800	0.941
4/4/2024	0.852	1.250	1.350	0.617	0.555	0.506	0.372	0.473	0.796	0.514	0.773	2.910	4.320	0.988
4/18/2024	1.020	1.330	0.868	0.486	0.479	0.345	0.360	0.380	0.479	0.449	0.590	2.350	4.260	0.943
5/1/2024	0.622	0.558	0.748	0.705	0.508	0.400	0.547	0.639	0.786	0.763	1.290	3.940	7.460	0.838
5/16/2024	0.797	0.895	0.423	0.354	0.383	0.431	0.369	0.511	0.617	0.646	1.330	3.630	3.560	0.628
5/29/2024	0.670	0.941	0.483	0.424	0.529	0.609	0.567	0.550	0.608	0.684	1.110	2.930	3.660	0.921
6/13/2024	2.200	1.030	0.671	0.596	0.694	0.623	0.577	0.580	1.120	0.957	2.140	2.840	3.340	1.540
6/27/2024	0.684	1.260	0.483	0.376	0.391	0.282	0.359	0.353	0.790	0.594	1.110	1.430	3.030	1.220
7/11/2024	0.784	1.320	0.603	0.390	0.382	0.400	0.265	0.943	0.479	0.435	0.855	2.440	3.670	1.310
7/26/2024	1.270	1.820	0.561	0.396	0.490	0.368	0.451	0.518	1.150	0.861	1.760	2.010	3.670	1.440
8/08/2024	1.730	10.100	1.620	0.844	0.777	0.813	0.684	0.581	0.656	0.647	1.040	0.993	2.960	1.840
8/21/2024	0.884	1.380	1.580	1.530	1.100	0.747	0.734	0.875	1.120	0.619	1.250	0.882	1.830	1.990

Sampling Period $\Delta C$ *	1.37	$\mu\text{g}/\text{m}^3$
Annual Average $\Delta C$ **	2.93	$\mu\text{g}/\text{m}^3$

\* Sampling Period  $\Delta C$  = Difference between the highest and lowest concentrations detected during the sampling period

\*\* Annual Average  $\Delta C$  = The rolling average of the 26 previous 14 day sampling periods.