

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 ( $\mu\text{g}/\text{m}^3$ )													
6/2/2023	0.516	0.758	0.5	0.474	0.526	0.423	0.535	0.565	0.994	1.11	3.91	1.1	1.34	0.615
6/16/2023	1.24	1.61	0.667	0.388	0.47	0.376	0.392	0.526	0.622	0.515	1.03	1.29	3.05	1.65
6/29/2023	1.39	2.87	0.57	0.322	0.333	0.319	0.297	0.446	0.397	0.411	0.748	1.19	3.72	2.08
7/13/2023	0.836	1.94	0.473	0.382	0.539	0.343	0.284	0.316	0.392	0.389	0.571	1.39	3.79	1.74
7/27/2023	0.989	3.05	0.471	0.391	0.492	0.507	0.368	0.5	0.67	0.394	0.863	1.19	3.4	1.82
8/10/2023	1.33	2.08	0.618	0.61	0.535	0.383	0.354	0.449	0.454	0.475	0.674	1.42	4.52	1.96
8/24/2023	1.24	2.66	0.676	0.645	0.537	0.353	0.396	0.597	1.27	0.733	2.45	1.2	3.72	1.84
9/7/2023	1.06	2.02	0.891	0.776	0.629	0.522	0.668	0.784	1.45	1.19	3.14	2.27	2.67	1.04
9/21/2023	1.18	3.33	0.813	0.648	0.713	0.777	0.703	0.771	1.27	0.909	2.42	1.66	1.8	1.63
10/05/2023	0.731	0.838	0.398	0.386	0.406	0.417	0.522	0.611	1.02	1.22	3.25	2.07	2	0.69
10/19/2023	0.803	1.52	1.53	0.994	0.72	0.735	0.742	0.772	1.18	0.981	1.97	1.42	1.83	1.44
11/2/2023	0.663	1.02	0.777	1.13	0.771	0.7	0.757	0.775	0.84	0.846	2.96	1.63	3.25	1.49
11/16/2023	0.784	0.771	0.72	0.68	0.592	0.66	0.841	1.01	1.65	1.38	3.82	1.56	2.02	1.13
11/29/2023	0.734	1.13	1.54	0.902	0.953	0.817	0.954	0.833	1.16	0.854	1.58	1.07	1.21	1.11
12/14/2023	0.84	1.51	1.24	0.732	0.637	0.637	0.667	0.725	1.06	1.05	2.13	1.52	2.07	1.22
12/28/2023	0.875	1.23	1.52	0.88	0.789	0.585	0.875	0.697	1.35	1.52	2.12	1.25	1.87	1.33
1/11/2024	1.63	2.87	0.799	0.576	0.717	0.71	0.732	0.71	0.915	0.844	1.47	1.34	2.46	1.68
1/26/2024	1.03	1.17	1.27	1.1	1.01	0.719	0.759	0.799	1.06	0.822	1.48	1.91	2.51	1.39
2/8/2024	1.03	1.71	1.37	0.856	0.753	0.596	0.671	0.705	0.875	0.882	1.16	1.23	2.55	1.92
2/22/2024	0.918	1.54	0.962	0.803	0.725	0.509	0.58	0.553	0.666	0.611	0.77	1.85	2.75	1.01
3/7/2024	1.24	1.19	0.94	0.679	0.601	0.526	0.598	0.708	0.88	0.913	1.49	1.25	2.35	1.2
3/21/2024	0.619	0.796	0.974	0.85	0.6	0.557	0.5	0.682	0.814	0.692	1.06	2.21	2.8	0.941
4/4/2024	0.852	1.25	1.35	0.617	0.555	0.506	0.372	0.473	0.796	0.514	0.773	2.91	4.32	0.988
4/18/2024	1.02	1.33	0.868	0.486	0.479	0.345	0.36	0.38	0.479	0.449	0.59	2.35	4.26	0.943
5/1/2024	0.622	0.558	0.748	0.705	0.508	0.4	0.547	0.639	0.786	0.763	1.29	3.94	7.46	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	1.33	3.63	3.56	0.628

Sampling Period $\Delta\text{C}$ *	3.28	$\mu\text{g}/\text{m}^3$
Annual Average $\Delta\text{C}$ **	2.82	$\mu\text{g}/\text{m}^3$

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

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