

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 ( $\mu\text{g}/\text{m}^3$ )													
12/29/2022	0.725	0.883	1.36	1.51	0.685	0.714	0.645	0.587	0.929	1.59	1.63	2.43	1.42	0.691
1/12/2023	1.34	0.887	0.456	0.684	0.531	0.421	0.478	0.734	0.668	0.896	1.09	4.85	2.97	1.04
1/26/2023	0.651	1.24	1.24	0.891	0.55	0.493	0.471	0.444	0.673	0.747	1.5	1.67	1.48	0.707
2/9/2023	0.738	0.797	0.825	1.24	0.647	0.604	0.683	0.809	1.04	0.775	1.56	1.45	1.94	0.893
2/23/2023	0.97	1.31	0.988	0.565	0.756	0.482	0.634	0.612	0.617	0.571	1.03	2.61	1.97	1.2
3/8/2023	0.773	1.76	0.457	0.548	0.386	0.407	0.403	0.43	0.512	0.462	0.637	2.22	2.46	1.26
3/22/2023	0.582	0.964	0.791	0.891	0.966	0.79	0.653	0.952	1.18	0.795	1.71	2.25	2.14	1.35
4/8/2023	0.913	0.773	0.421	0.463	0.6	0.427	0.452	0.631	0.686	0.665	1.33	3.67	3.27	0.829
4/21/2023	0.59	0.741	0.839	0.493	0.525	0.422	0.413	0.571	0.768	1.2	2.98	1.44	1.83	0.873
5/4/2023	0.865	2.46	0.593	0.522	0.468	0.438	0.501	0.554	0.765	0.856	2.41	1.11	1.7	0.624
5/19/2023	0.573	1.1	0.601	0.413	0.504	0.425	0.369	0.423	0.649	0.55	0.887	2.74	3.32	0.766
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

Sampling Period $\Delta C$ *	1.49	$\mu\text{g}/\text{m}^3$
Annual Average $\Delta C$ **	2.57	$\mu\text{g}/\text{m}^3$

\* 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.