

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 ( $\mu\text{g}/\text{m}^3$ )													
07/28/2022	0.716	0.751	0.302	0.353	0.275	0.325	0.332	0.375	0.438	0.356	0.725	1.46	2.78	1.02
08/11/2022	0.7	0.84	ND	ND	M	ND	0.451	ND	0.5	ND	1.39	1.68	4.95	0.88
08/26/2022	0.818	1.43	0.462	0.301	0.336	0.362	0.285	0.377	0.478	0.434	0.737	2.31	5.17	0.801
09/08/2022	0.788	1.22	0.777	0.898	0.541	0.429	0.395	0.489	0.763	0.598	1.23	1.27	2.97	0.849
09/22/2022	0.738	1.08	0.53	0.81	0.525	0.498	0.511	0.619	0.908	1.37	2.7	0.842	2.69	0.676
10/6/2022	0.642	1.27	0.685	1.19	0.916	0.722	0.786	0.945	1.29	1.24	3.0	1.54	2.26	0.746
10/20/2022	0.623	0.746	0.604	1.05	0.692	0.552	0.919	0.842	1.13	1.53	2.98	1.07	2.52	0.718
11/03/2022	0.878	1.17	0.618	0.73	0.543	0.432	0.527	0.675	0.901	1.1	1.65	5.16	5.12	0.842
11/18/2022	0.744	1.0	1.01	0.996	0.692	0.564	0.613	0.742	1.09	1.82	2.42	3.52	2.64	0.648
12/02/2022	0.836	0.901	0.614	0.977	0.802	0.697	0.998	0.844	1.18	2.05	2.27	2.12	3.21	0.78
12/16/2022	0.668	0.848	0.653	0.625	0.637	0.477	0.523	0.516	0.668	0.835	1.23	2.68	3.3	4.11
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
05/04/2023	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

Sampling Period $\Delta C$ *	3.51	$\mu\text{g}/\text{m}^3$
Annual Average $\Delta C$ **	2.86	$\mu\text{g}/\text{m}^3$

\* 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.

ND: The analyte was not detected

M: Results not available.