

Freeport, TX
Texas Operations Site - Plant A
Fenceline Monitoring Program
Civil Action No. 2:21-cv-114



Sample Name	FPA_AMP-01	FPA_AMP-1A	FPA_AMP-02	FPA_AMP-03	FPA_AMP-04	FPA_AMP-05	FPA_AMP-06	FPA_AMP-07	FPA_AMP-08	FPA_AMP-09	FPA_AMP-10	FPA_AMP-11	FPA_AMP-12	FPA_AMP-13	FPA_AMP-14	FPA_AMP-15	FPA_AMP-16
Date of Retrieval	Benzene Sample Results (µg/m ³)																
12/28/2023	1.200	0.737	0.725	1.110	0.593	1.140	0.589	0.578	0.544	0.628	1.000	0.733	1.070	0.793	0.604	0.534	0.714
1/11/2024	1.070	1.070	1.050	1.330	1.000	1.600	1.080	1.080	1.030	1.080	1.130	1.520	2.150	1.130	0.830	0.921	1.410
1/25/2024	1.030	0.750	0.830	2.150	0.826	1.790	0.922	0.652	0.794	0.921	1.110	1.020	1.390	0.911	0.744	0.600	0.855
2/8/2024	1.140	0.848	0.790	1.690	0.735	1.450	0.719	0.842	0.744	0.867	0.909	1.060	1.650	1.200	1.050	0.994	0.974
2/22/2024	0.921	0.701	0.741	1.860	0.655	1.480	0.559	0.589	0.696	1.020	0.862	0.855	0.966	0.793	0.529	0.477	0.581
3/7/2024	0.907	0.740	0.844	1.440	0.872	1.170	0.774	0.634	0.671	0.922	0.965	1.040	1.930	0.632	0.545	0.664	0.619
3/21/2024	0.659	0.564	0.638	0.989	0.461	0.845	0.559	0.424	0.510	0.601	0.456	0.542	0.601	0.831	0.830	3.530	0.973
4/3/2024	0.864	0.748	0.718	1.460	0.638	0.975	0.644	0.604	0.687	0.727	0.685	0.740	1.040	0.626	1.560	0.560	0.690
4/18/2024	0.336	0.401	0.450	1.340	0.436	0.574	0.280	0.305	0.279	0.368	0.455	0.459	1.050	0.355	0.445	0.329	0.293
5/2/2024	0.433	0.348	0.345	0.892	0.352	4.320	0.483	0.479	0.386	0.560	0.483	0.441	3.580	0.568	0.461	0.400	0.485
5/16/2024	0.459	0.486	0.331	1.130	0.502	9.100	1.180	0.453	0.545	0.483	0.522	0.910	3.390	0.651	0.548	0.537	0.420
5/30/2024	0.594	0.612	0.433	2.190	0.745	1.080	0.645	0.577	0.584	0.828	0.676	0.773	0.687	0.662	0.619	0.628	0.601
6/13/2024	0.481	0.501	0.389	1.280	0.582	0.613	0.430	0.434	0.362	0.468	0.715	0.728	0.428	0.629	0.515	0.694	0.605
6/27/2024	0.201	0.271	0.254	0.559	0.212	0.237	0.304	0.273	0.421	0.364	0.334	0.418	0.267	0.267	0.502	0.231	0.692
7/11/2024	0.600	0.519	0.768	0.947	0.440	0.459	0.826	1.230	0.526	0.767	0.942	1.120	Fe	0.590	0.579	0.603	0.430
7/25/2024	0.529	0.531	0.866	0.652	0.397	0.525	0.442	0.360	0.594	0.971	0.924	0.906	0.344	1.840	0.571	0.559	0.400
8/9/2024	0.484	0.418	0.399	0.620	0.462	0.486	0.573	0.541	0.472	0.672	0.820	1.470	3.220	0.815	0.814	0.485	0.575
8/23/2024	0.483	0.539	0.529	0.832	0.386	0.593	0.591	0.738	0.958	1.030	1.200	2.090	2.960	0.848	1.040	0.438	0.431
9/06/2024	0.442	0.410	0.316	0.478	0.227	0.434	0.448	0.338	0.338	0.537	0.547	0.432	0.540	0.588	0.816	0.619	0.617
9/20/2024	0.476	0.604	0.735	1.470	0.631	0.648	0.766	0.535	0.555	0.599	1.200	3.660	43.200	1.230	0.784	0.712	1.180
10/03/2024	0.790	0.658	0.582	1.040	0.427	0.553	0.472	0.554	0.450	0.560	0.450	0.506	1.680	0.587	0.563	0.484	0.902
10/16/2024	0.870	0.760	0.812	1.180	0.702	0.777	0.801	0.605	0.705	0.931	0.687	1.020	1.480	0.755	0.830	0.827	0.808
10/31/2024	0.296	0.419	0.293	0.534	0.328	0.394	0.337	0.333	0.402	0.315	0.441	0.384	0.624	0.328	0.593	0.453	2.570
11/14/2024	1.150	0.686	0.555	1.100	0.661	0.607	0.587	0.558	0.497	0.635	0.515	0.802	1.020	0.628	0.608	0.637	1.900
11/27/2024	0.965	1.050	1.000	0.651	0.639	0.619	0.550	0.606	0.808	0.776	0.954	0.710	0.828	0.542	0.566	0.585	0.751
12/12/2024	1.740	1.370	0.932	0.758	0.765	0.748	0.772	0.663	0.742	0.790	0.800	0.934	1.750	0.915	0.766	0.907	0.989

Sampling Period ΔC *	1.09	µg/m ³
Annual Average ΔC **	3.34	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.
Fe: Field Error