

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)																
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
12/26/2024	0.577	0.491	0.578	0.486	0.549	0.454	0.673	0.598	0.603	0.585	0.572	0.691	0.817	0.587	0.572	0.725	0.644
1/09/2025	0.919	0.722	0.670	0.788	0.676	0.760	0.646	0.606	0.729	0.709	0.814	0.813	1.070	0.933	0.823	0.925	0.950
1/24/2025	1.010	0.813	0.756	0.825	0.731	0.822	0.791	0.667	0.805	0.790	0.780	0.747	1.340	1.040	0.803	0.775	0.780
2/07/2025	0.667	0.598	0.499	0.572	0.467	0.551	0.609	0.589	0.732	1.010	1.150	2.220	0.796	0.929	0.666	0.763	0.590
2/21/2025	0.689	0.668	0.554	0.801	0.641	0.973	0.863	0.678	0.778	0.93	1.080	2.680	1.760	0.912	0.664	0.636	0.697
3/07/2025	0.757	0.597	0.710	0.845	0.809	0.731	0.761	0.706	0.776	0.893	0.850	0.755	0.968	0.787	1.070	0.871	1.280
3/21/2025	0.731	0.646	0.450	0.617	0.467	0.685	0.568	0.699	0.664	1.120	0.962	1.800	6.460	0.863	0.611	0.470	0.529
4/04/2025	0.314	0.286	0.301	0.441	0.412	0.457	0.405	0.484	0.380	0.569	0.539	0.854	0.719	0.545	0.561	0.460	0.348
4/18/2025	0.425	0.391	0.421	0.640	0.425	0.696	0.450	0.505	0.552	1.190	0.797	0.562	1.210	0.740	0.475	0.497	0.557
5/02/2025	1.350	1.970	0.285	1.430	0.272	0.388	2.190	2.420	0.718	0.340	1.370	1.180	0.403	0.386	0.561	0.704	0.929

Sampling Period ΔC *	2.15	µg/m ³
Annual Average ΔC **	3.31	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