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

Sample Name	FPB_AMP-01	FPB_AMP-02	FPB_AMP-03	FPB_AMP-04	FPB_AMP-05	FPB_AMP-06	FPB_AMP-07	FPB_AMP-08	FPB_AMP-09	FPB_AMP-10	FPB_AMP-11	FPB_AMP-12	FPB_AMP-13	FPB_AMP-14	FPB_AMP-15	FPB_AMP-16	FPB_AMP-17	FPB_AMP-18	FPB_AMP-19	FPB_AMP-20	FPB_AMP-21	FPB_AMP-22	FPB_AMP-23	FPB_AMP-24	FPB_AMP-25	FPB_AMP-26
Date of Retrieval	Benzene Sample Results ($\mu g/m^3$)																									
10/27/2025	0.340	0.352	0.420	0.396	0.368	0.428	0.400	0.339	0.323	0.370	0.322	0.358	0.352	0.417	0.373	0.384	0.306	0.327	0.323	0.315	0.336	0.406	0.314	0.254	0.339	0.340
11/10/2025	0.490	0.509	0.434	0.448	0.566	0.493	0.485	0.461	0.461	0.486	0.426	0.430	0.521	0.485	0.390	0.504	0.430	0.400	0.448	0.405	0.403	0.485	0.374	0.476	0.460	0.461
11/24/2025	0.424	0.306	0.244	0.352	0.309	0.514	0.540	0.414	0.303	0.320	0.283	0.480	0.360	0.294	0.341	0.450	0.513	0.272	0.422	0.249	0.333	0.303	0.375	0.265	0.336	0.317
12/9/2025	0.918	0.728	0.709	0.826	0.886	1.020	1.230	0.889	0.798	0.772	0.688	0.831	0.858	0.719	0.783	0.661	0.752	0.675	0.733	0.613	0.713	0.797	0.709	0.753	0.788	0.760
12/22/2025	0.438	0.458	0.430	0.485	0.442	0.525	0.753	0.385	0.409	0.441	0.419	0.484	0.474	0.401	0.465	0.453	0.417	0.398	0.486	0.404	0.446	0.754	0.760	0.465	Fe	0.415
1/6/2026	0.538	0.487	0.488	0.471	0.478	0.451	0.697	0.491	0.383	0.422	0.535	0.458	0.457	0.473	0.436	0.490	0.457	0.442	0.484	0.340	0.411	0.380	0.454	0.482	0.637	0.445
1/20/2026	0.498	0.559	0.546	0.514	0.465	0.486	0.584	0.626	0.419	0.440	0.499	0.479	0.448	0.560	0.534	0.461	0.446	0.446	0.528	0.414	0.480	0.505	0.428	0.440	0.533	0.451
2/2/2026	0.849	0.762	0.591	0.798	0.946	0.843	0.906	0.809	Z	0.771	0.781	0.813	0.683	0.706	0.811	0.833	0.943	0.713	0.600	0.712	0.806	0.826	0.827	0.639	0.806	0.715
2/17/2026	0.484	0.487	0.535	0.481	0.500	0.655	0.752	0.577	0.480	0.508	0.501	0.564	0.492	0.472	0.510	0.497	0.537	0.505	0.559	0.614	0.453	0.466	0.485	0.452	0.558	0.496
3/3/2026	0.548	0.490	0.481	0.508	0.552	0.565	0.733	0.537	0.403	0.588	0.785	0.639	0.529	0.550	0.504	0.627	0.530	0.512	0.476	0.521	0.504	0.584	0.453	0.432	0.497	0.623
3/17/2026	0.332	0.437	0.389	0.306	0.349	0.375	0.680	0.458	0.332	0.408	0.436	0.434	0.554	0.447	0.446	0.517	0.401	0.443	0.410	0.337	0.356	0.378	0.285	0.293	0.427	0.407
3/31/2026	0.502	0.469	0.381	0.345	0.371	0.432	0.442	0.429	0.366	0.456	0.438	0.483	0.460	0.378	0.446	0.389	0.476	0.433	0.505	0.409	0.411	0.410	0.343	0.328	0.446	0.345
4/14/2026	0.336	0.318	0.357	0.347	0.414	0.448	0.455	0.364	0.305	0.450	0.244	0.369	0.414	0.373	0.383	0.343	0.340	0.312	0.333	0.281	0.361	0.864	0.280	0.272	0.313	0.307
4/28/2026	0.266	0.370	0.270	0.340	0.337	0.500	0.395	0.245	0.204	0.289	0.233	0.333	0.418	0.297	0.409	0.256	0.239	0.245	0.266	0.257	0.201	0.517	0.262	ND	0.254	0.348
5/12/2026	0.504	0.489	0.346	0.393	0.401	2.030	1.470	0.402	0.327	0.481	0.395	Fe	0.756	0.478	0.371	0.434	0.388	0.338	0.399	0.352	0.442	1.230	0.577	0.797	0.523	0.488
5/26/2026	0.342	0.381	0.357	0.431	0.324	0.463	0.573	0.343	0.292	0.309	0.302	ND	0.578	0.391	0.349	0.289	0.350	0.346	0.363	0.353	0.353	0.410	0.303	0.226	0.393	0.361
6/8/2026	0.249	0.327	0.329	0.363	0.299	0.369	0.465	0.495	0.307	0.394	0.364	0.570	0.514	0.434	0.301	0.294	0.348	0.263	0.316	0.389	0.229	0.437	0.259	0.313	0.247	0.340
6/22/2026	0.220	0.249	0.213	0.258	0.254	0.328	0.527	0.257	0.297	0.318	0.279	0.237	Fe	0.332	0.313	0.310	0.293	0.349	0.278	0.264	0.337	0.397	0.255	0.323	0.301	0.309
7/6/2026	0.312	0.543	0.385	0.340	0.542	0.313	0.394	0.295	0.335	0.372	0.431	0.304	0.502	0.330	0.383	0.394	0.313	0.378	0.468	0.349	0.532	0.417	0.554	0.607	0.407	0.306
7/20/2026	ND	ND	0.279	ND	ND	0.373	0.424	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/3/2026	0.495	0.232	0.246	0.223	0.244	0.349	0.362	0.286	0.218	0.230	0.251	0.279	0.359	0.241	0.257	0.330	0.215	0.236	0.267	0.257	0.293	0.286	0.336	0.371	0.280	0.252
8/17/2026	0.201	0.192	0.244	0.222	0.213	0.191	0.478	0.207	0.269	ND	0.188	ND	0.304	0.218	0.211	0.238	ND	0.281	0.213	ND	ND	0.253	0.220	0.283	0.269	0.227
8/31/2026	0.269	0.328	0.245	0.360	0.285	0.292	0.315	0.208	ND	0.299	0.207	0.241	0.554	0.256	0.208	0.368	0.331	ND	0.362	0.271	0.252	0.272	0.336	0.300	0.324	ND
9/14/2026	0.221	0.294	0.252	0.273	0.355	0.321	0.602	0.345	0.294	0.320	0.435	0.522	0.473	0.314	0.528	0.573	0.332	0.299	0.251	0.444	0.284	0.717	0.263	0.286	0.223	0.263
9/28/2026	0.364	0.410	0.616	0.409	0.511	0.519	0.634	0.334	0.309	0.354	0.493	0.504	0.483	0.592	0.536	0.401	0.353	0.420	0.334	0.288	0.337	0.469	0.389	0.322	0.553	0.338
10/12/2026	0.443	0.472	0.388	0.453	0.582	0.748	0.891	0.472	0.399	0.440	0.359	0.659	1.050	0.376	0.385	0.344	0.361	0.423	0.581	0.332	0.390	0.698	0.431	0.427	0.398	0.327

Sampling Period ΔC *	0.72	$\mu g/m^3$
Annual Average ΔC **	0.44	$\mu g/m^3$

* 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.
ND: The analyte was not detected
Fe: Results are not available due to a field error.
Z: Sample was not analyzed due to matrix interference.