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 ($\mu g/m^3$)																
10/28/2025	0.331	0.303	0.331	0.302	0.319	0.295	0.232	0.435	0.357	0.355	0.469	0.681	0.473	0.295	0.354	0.657	0.288
11/11/2025	0.663	0.483	0.503	0.543	0.542	0.539	0.522	0.446	0.513	0.461	0.569	0.808	1.050	0.625	0.517	0.951	0.685
11/24/2025	0.303	0.383	0.382	0.374	0.379	0.415	0.470	0.612	0.534	0.558	0.581	0.478	0.404	0.238	0.368	0.474	0.418
12/9/2025	0.576	0.603	0.594	0.763	0.510	0.519	0.585	0.526	0.614	1.310	0.668	0.688	0.761	0.607	0.610	1.110	0.634
12/22/2025	0.636	0.594	0.505	0.892	0.537	0.441	0.439	0.427	0.543	0.854	0.635	0.668	0.645	0.514	0.526	0.992	0.496
1/6/2026	0.717	0.514	0.551	0.587	0.480	0.612	0.675	0.618	0.655	1.180	0.956	0.913	1.080	0.634	0.475	0.887	0.470
1/20/2026	0.893	0.549	0.549	0.689	0.523	0.560	0.704	0.636	0.571	1.310	0.849	0.977	4.890	0.703	0.619	1.150	0.591
2/2/2026	0.667	0.758	0.608	0.810	0.624	0.782	0.638	0.631	0.663	1.690	0.780	0.806	1.100	0.793	1.090	1.530	0.662
2/17/2026	0.580	0.614	0.531	0.561	0.523	0.710	Fe	0.566	0.698	0.915	0.756	0.829	1.980	0.635	2.740	1.040	0.555
3/3/2026	0.485	0.492	0.694	0.555	0.513	0.664	0.545	0.717	0.627	1.160	0.728	0.779	0.683	0.544	0.670	0.929	0.562
3/17/2026	0.332	0.268	0.364	0.578	0.314	0.508	0.333	0.478	0.476	1.630	0.629	1.230	0.870	0.363	0.371	0.595	0.311
3/31/2026	0.266	ND	0.579	0.587	0.412	0.389	0.487	0.614	0.798	1.570	1.230	0.921	0.472	ND	0.262	0.538	ND
4/14/2026	ND	0.283	0.263	0.300	ND	0.296	0.263	ND	ND	0.543	ND	ND	ND	0.402	0.328	0.501	ND
4/28/2026	0.315	0.238	0.254	0.338	0.235	0.307	0.245	0.322	0.273	0.583	0.322	0.351	0.291	0.231	0.321	0.450	0.277
5/12/2026	0.309	0.357	0.353	0.499	0.437	0.326	0.352	0.305	0.375	0.884	0.402	1.090	1.030	0.487	0.413	0.661	0.361
5/26/2026	0.340	0.355	0.342	0.338	0.215	0.306	0.332	0.268	0.351	0.820	0.359	0.893	0.525	0.391	0.349	0.540	0.358
6/9/2026	0.313	0.254	0.226	0.264	0.233	0.247	0.273	0.232	0.275	0.625	0.361	0.261	0.345	0.318	0.314	0.382	0.268
6/22/2026	0.237	0.207	0.205	0.882	0.254	0.285	0.251	0.307	0.339	0.709	0.467	0.517	0.777	Fe	0.366	0.443	0.252
7/6/2026	0.249	0.420	0.530	0.523	0.380	0.421	0.506	0.619	0.665	1.450	1.030	5.100	0.599	0.578	0.714	0.397	0.299
7/20/2026	0.277	0.447	0.526	0.739	0.414	0.576	0.407	0.555	0.723	1.100	1.240	1.420	0.915	0.589	1.480	0.470	0.335
8/3/2026	0.858	0.551	0.701	0.554	0.378	0.362	0.479	0.474	0.536	1.080	0.872	2.040	2.340	0.572	0.440	0.751	0.353
8/17/2026	0.300	0.282	0.294	0.441	0.251	0.328	0.214	0.299	0.497	1.090	0.745	0.620	3.240	0.351	0.454	0.400	ND
8/31/2026	0.395	0.798	0.622	0.451	2.110	0.483	0.670	0.743	0.625	1.500	1.090	1.800	1.460	0.660	0.851	0.638	0.263
9/14/2026	1.300	1.120	1.870	3.190	1.640	0.896	0.815	0.559	0.569	1.690	0.965	0.980	1.140	0.525	0.524	0.647	0.686
9/28/2026	0.304	0.350	0.319	0.279	0.347	0.303	Fe	0.274	0.322	0.527	0.453	Fe	0.407	0.336	0.505	0.509	0.635
10/12/2026	0.481	0.51	0.366	0.46	0.395	0.428	0.457	0.383	0.486	0.649	0.42	0.423	0.478	0.458	0.478	0.529	0.435

Sampling Period ΔC *	0.28	$\mu g/m^3$
Annual Average ΔC **	1.33	$\mu g/m^3$

* Sampling Period ΔC = Difference between the highest and lowest concentrations detected during the sampling period
ND: The analyte was not detected
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