

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 ($\mu\text{g}/\text{m}^3$)																
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
5/16/2025	0.444	0.338	0.450	0.479	0.417	0.397	0.540	0.609	0.521	0.620	0.767	1.230	2.870	0.603	0.441	0.406	0.559
5/30/2025	0.349	0.227	0.324	0.579	0.369	0.384	0.317	0.314	0.253	0.447	0.420	0.313	0.303	0.425	0.509	0.331	0.258
6/13/2025	0.241	0.363	0.231	0.317	0.206	0.240	0.227	0.514	0.396	0.537	0.610	1.720	0.409	0.280	0.308	0.290	0.253
6/26/2025	0.248	0.239	0.259	0.227	0.198	0.241	0.205	0.264	0.349	0.441	0.397	0.399	0.412	0.408	0.237	0.294	0.241
7/11/2025	0.229	0.328	0.292	0.255	0.245	0.260	0.290	0.418	0.516	0.842	0.871	0.513	0.406	1.060	0.303	0.258	0.457
7/24/2025	0.415	0.326	0.673	0.505	0.422	0.307	0.469	0.404	0.745	0.992	0.922	1.610	0.794	0.434	0.375	0.224	0.281
8/06/2025	0.243	0.441	0.365	0.365	0.362	0.442	0.403	0.546	0.631	0.467	0.700	0.936	0.930	0.580	0.354	0.306	0.439
8/20/2025	0.253	0.248	0.282	0.579	0.241	0.343	0.470	0.480	0.378	0.488	0.604	0.611	1.970	0.489	0.354	0.525	0.272
9/04/2025	0.508	0.430	0.286	0.325	0.282	0.413	0.357	0.557	0.506	Fe	0.474	1.440	1.850	0.583	33.600	0.407	0.490
9/18/2025	0.346	0.291	0.415	0.449	0.274	0.387	0.382	0.339	0.502	0.473	0.502	0.382	0.430	0.481	0.365	0.451	0.457
10/1/2025	0.368	0.511	0.374	0.431	0.402	0.410	0.390	0.498	0.404	0.555	0.526	0.410	0.575	0.493	0.403	0.365	0.491
10/14/2025	0.441	0.447	0.388	0.388	0.493	0.378	0.433	0.408	0.424	0.628	0.406	0.392	0.435	0.523	0.424	0.377	0.408
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

Sampling Period ΔC *	1.36	$\mu\text{g}/\text{m}^3$
Annual Average ΔC **	2.31	$\mu\text{g}/\text{m}^3$

* 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