

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)																
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
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

Sampling Period ΔC *	0.60	µg/m ³
Annual Average ΔC **	2.37	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