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 ($\mu g/m^3$)													
06/17/2022	0.27	0.402	0.303	0.263	0.259	0.266	0.44	0.256	0.226	0.423	0.293	0.2	0.329	0.345	0.301	0.375	0.76	0.335	0.411	0.356	0.214	0.22	0.261	0.257	0.267	0.274
06/30/2022	0.212	0.351	0.275	0.3	0.343	0.253	0.514	0.294	0.212	0.216	0.209	0.214	0.244	0.247	0.255	0.285	0.274	0.502	0.266	0.272	0.257	0.286	0.343	0.252	0.411	0.273
07/15/2022	0.411	0.241	0.304	0.209	0.177	0.286	0.227	0.269	ND	0.374	ND	ND	ND	ND	0.277	ND	ND	0.373	0.317	ND	ND	ND	0.255	0.285	0.295	0.191
07/29/2022	0.396	0.272	0.22	ND	0.227	0.212	ND	0.26	ND	0.323	0.298	0.272	0.187	0.203	0.193	0.246	0.258	0.308	0.259	0.185	0.269	0.231	0.306	0.2	0.214	ND
08/11/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/25/2022	0.347	0.284	0.318	0.336	0.531	0.426	0.448	0.345	0.4	0.302	0.391	0.346	0.357	0.384	0.321	0.343	0.392	0.441	0.507	0.364	0.324	0.367	0.317	0.388	0.292	0.323
09/08/2022	0.614	0.483	ND	0.457	0.762	0.686	0.749	0.53	0.508	0.465	0.484	ND	0.651	0.575	0.46	0.52	0.634	0.653	0.667	0.474	0.512	0.57	0.456	0.512	0.516	0.438
09/22/2022	0.546	0.546	0.811	0.602	0.960	1.21	0.773	0.537	0.657	0.596	0.609	0.478	0.705	0.501	0.63	0.502	0.819	0.851	0.838	0.449	0.775	0.93	0.642	0.775	0.541	0.497
10/06/2022	0.814	0.719	0.759	0.78	0.964	1.73	1.73	1.49	0.737	0.658	0.909	0.6	0.599	0.581	0.786	0.651	0.962	1.09	1.04	1.02	0.715	1.17	0.934	0.764	0.836	0.65
10/20/2022	0.643	0.79	0.6	0.612	1.18	1.08	0.796	0.652	0.61	0.599	0.637	0.501	0.592	0.562	0.845	0.605	0.941	0.811	0.954	0.647	0.523	0.875	0.679	0.793	0.543	0.612
11/04/2022	0.587	0.637	0.422	0.464	1.24	1.38	1.01	0.524	0.514	0.563	0.578	0.593	0.558	0.435	0.794	0.528	0.759	0.452	0.626	0.655	0.513	1.09	0.503	0.48	0.447	0.552
11/17/2022	0.813	0.72	0.61	0.777	0.998	1.34	1.15	0.645	0.587	0.577	0.725	0.571	0.618	0.678	1.11	1.14	1.16	0.651	0.661	0.567	0.619	0.98	0.643	0.491	0.589	0.543
12/01/2022	0.897	0.758	0.634	0.63	1.13	1.57	1.26	0.687	0.654	0.621	0.839	0.669	0.766	0.683	1.13	0.582	1.36	0.657	0.676	0.646	0.846	1.1	0.684	0.599	0.691	0.664
12/14/2022	1.13	0.642	0.594	0.6	0.896	2.7	1.38	0.586	0.775	0.529	0.65	0.53	0.559	0.631	0.819	0.525	0.502	0.526	0.654	0.575	0.404	0.846	0.556	0.506	0.539	0.519
12/28/2022	1.18	0.942	0.689	0.83	1.22	1.82	3.65	1.47	0.752	0.781	0.889	0.809	0.799	0.779	1.26	0.768	0.756	0.944	0.82	1.11	1.33	3.03	1.04	0.711	1.22	0.757
1/12/2023	0.55	0.489	0.601	0.457	0.706	0.931	0.99	0.594	0.485	0.49	0.682	0.652	0.489	0.52	0.814	0.502	0.52	0.453	0.577	0.489	0.423	0.544	0.448	0.46	0.486	0.512
1/26/2023	0.778	0.609	0.478	0.55	1.09	1.11	0.658	0.567	0.636	0.568	0.815	0.653	0.52	0.559	1.14	0.599	0.583	0.634	0.593	0.494	0.728	1.34	0.619	0.443	0.543	0.526
2/9/2023	0.851	0.593	0.624	0.639	1.41	1.19	1.64	0.657	0.584	0.665	0.749	0.889	0.804	0.716	1.35	0.725	0.696	0.58	0.633	0.618	0.629	1.44	0.589	0.563	0.573	0.599
2/23/2023	0.785	0.609	0.509	0.552	1.15	0.988	1.96	0.68	0.499	0.511	0.685	0.524	0.523	0.617	0.971	0.576	0.601	0.607	0.528	0.469	0.517	1.06	0.609	0.446	0.549	0.502
3/9/2023	0.535	0.483	0.487	0.471	0.886	0.699	1.03	0.54	0.462	0.471	0.542	0.54	0.479	0.546	0.709	0.529	0.465	0.512	0.45	0.404	0.55	0.39	0.47	0.396	0.423	0.505
3/22/2023	0.895	0.626	0.468	0.517	1.08	1.27	1.32	0.512	0.545	0.517	0.65	0.609	0.625	0.684	1.27	0.502	0.431	0.656	0.546	0.436	0.459	0.505	0.587	0.582	0.574	0.573
4/6/2023	0.554	0.564	0.403	0.496	0.889	0.717	1.56	0.439	0.381	0.478	0.649	0.681	0.576	0.55	0.894	0.534	0.528	0.573	0.503	0.384	0.432	0.473	0.557	0.424	0.464	0.424
4/20/2023	1.86	1.14	0.698	0.97	1.65	16.8	1.84	0.739	0.62	0.7	0.797	0.721	0.758	0.806	1.24	0.728	0.683	0.847	1.24	0.717	0.727	1.13	1.1	0.738	0.711	1.01
5/4/2023	0.751	0.54	0.394	0.425	0.95	0.838	0.957	0.457	0.409	0.438	0.451	0.486	0.418	0.444	0.852	0.48	0.391	0.416	0.558	0.409	0.612	0.512	0.387	0.399	0.43	0.478
5/18/2023	0.58	0.417	0.385	0.334	0.773	0.675	0.789	0.35	0.388	0.439	0.513	0.56	0.427	0.537	0.551	0.43	0.357	0.381	0.394	0.349	0.375	0.321	0.365	0.32	0.477	0.348
6/2/2023	0.82	0.544	0.644	0.566	0.793	1.09	1.08	0.685	0.571	0.654	0.553	0.537	0.519	0.504	0.806	0.679	0.489	0.528	0.493	0.628	0.656	0.681	0.437	0.506	0.519	0.676
6/15/2023	0.556	0.345	0.373	0.415	0.53	0.791	0.762	0.391	0.459	0.382	0.358	0.321	0.385	0.383	0.447	0.485	0.329	0.484	0.352	0.369	0.305	0.348	0.322	0.337	0.414	0.398

Sampling Period ΔC *	0.49	$\mu g/m^3$
Annual Average ΔC **	1.43	$\mu g/m^3$

* 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. This will be calculated after data from 26 sampling periods are available.
ND: The analyte was not detected