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 ($\mu g/m^3$)																
10/20/2022	3.64	0.539	0.498	0.93	0.565	0.555	0.694	0.403	0.405	0.44	0.429	0.691	0.628	0.571	0.457	0.437	0.616
11/03/2022	0.906	0.557	0.426	0.475	0.496	0.467	0.795	Fe	0.527	0.618	0.767	1.14	0.741	0.536	0.7	0.557	0.465
11/17/2022	0.525	0.548	0.48	1.14	0.449	0.491	0.804	ND	0.508	0.719	0.526	0.889	0.559	0.53	0.556	0.441	0.484
12/02/2022	0.736	0.794	0.665	1.35	0.543	1.31	1.19	0.937	0.802	0.826	0.586	1.06	0.881	0.928	0.751	0.728	0.881
12/15/2022	0.49	0.581	0.55	0.733	0.597	0.575	0.639	0.832	0.665	0.825	0.734	0.937	0.884	0.591	0.775	0.546	0.633
12/28/2022	0.931	0.944	0.908	1.64	0.766	1.07	1.69	1.11	0.803	1.02	0.889	1.32	1.09	1.18	0.859	0.7	0.872
1/12/2023	0.786	0.593	0.599	1.78	0.81	0.765	0.854	0.742	0.662	0.807	0.825	1.55	0.963	0.833	0.679	0.702	0.786
1/26/2023	0.68	0.7	0.819	1.31	0.6	0.844	1.12	0.609	0.766	0.685	0.678	1.11	0.692	0.756	1.16	0.583	0.554
2/9/2023	0.906	0.792	0.877	2.17	0.686	0.74	1.53	0.612	0.804	0.8	1.08	1.29	0.793	0.799	0.728	0.712	0.712
2/23/2023	1.78	0.817	0.816	1.17	0.572	0.728	0.921	0.577	0.567	0.744	0.657	1.49	0.86	0.839	0.659	0.708	1.03
03/09/2023	0.57	0.591	0.66	1.14	0.553	0.57	0.662	0.497	0.498	0.453	0.495	1.17	0.566	0.583	0.593	0.486	0.516
03/22/2023	0.87	0.676	0.57	1.59	0.766	0.82	1	0.684	0.937	0.677	1.18	1.49	1.04	0.877	0.622	0.667	0.636
4/6/2023	0.547	0.671	1.09	1.36	0.483	0.74	0.858	0.841	0.665	0.716	0.697	1.21	0.544	0.67	0.545	0.522	0.562
4/20/2023	0.59	0.523	0.521	1.06	0.567	0.696	0.942	0.621	0.677	0.659	0.552	0.854	0.549	0.573	0.672	0.507	0.679
05/04/2023	0.391	0.498	0.409	0.78	0.747	0.597	0.677	0.555	0.604	0.424	0.535	0.943	0.506	0.431	0.437	0.402	0.578
5/18/2023	0.358	0.356	0.376	0.637	0.372	0.414	0.446	0.539	0.378	0.429	0.492	0.645	0.433	0.552	0.336	0.403	0.495
6/1/2023	0.579	0.522	0.477	0.804	0.596	0.699	0.791	0.691	0.502	0.606	0.556	1.05	0.768	0.779	0.612	0.566	0.55
6/15/2023	0.34	0.378	0.422	0.57	0.399	0.566	0.59	0.822	0.563	0.775	0.903	1.53	0.765	0.465	0.555	0.522	0.345
6/29/2023	0.341	0.326	0.562	0.632	0.417	0.619	0.749	1.49	0.951	1.63	1.33	2.8	0.797	0.562	0.391	0.377	0.368
7/13/2023	0.405	0.363	0.454	0.563	0.397	0.447	0.533	0.726	0.637	0.964	0.778	2.48	0.675	0.513	0.659	0.486	0.341
7/27/2023	0.245	0.239	0.531	0.502	0.386	0.424	0.672	1.12	0.687	0.903	0.997	2.06	0.809	0.481	0.321	0.285	0.268
8/9/2023	0.277	0.255	0.44	0.598	0.33	0.363	0.419	0.724	0.594	0.578	0.762	1.41	0.602	0.357	0.413	0.289	0.449
8/24/2023	0.451	0.38	0.713	1.17	1.07	0.683	0.685	1	0.59	1.36	0.645	1.42	0.611	0.879	0.534	0.347	1.08
9/7/2023	0.474	0.485	0.501	0.844	0.465	0.667	0.674	0.601	0.639	0.554	0.64	0.791	1.46	0.413	0.444	0.567	0.555
9/21/2023	0.767	1.15	0.886	0.837	0.465	0.696	0.57	0.637	0.623	0.567	0.56	0.549	0.643	0.521	0.511	0.455	0.621
10/5/2023	0.292	0.569	0.268	0.563	0.263	0.364	0.357	0.393	0.331	0.358	0.495	0.477	0.257	0.321	0.363	0.408	0.274

Sampling Period ΔC *	0.31	$\mu g/m^3$
Annual Average ΔC **	1.08	$\mu g/m^3$

* 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: Field Error