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	0.270 J	0.402 J	0.303 J	0.263 J	0.259 J	0.266 J	0.440	0.256 J	0.226 J	0.423	0.293 J	0.200 J	0.329 J	0.345 J	0.301 J	0.375 J	0.760	0.335 J	0.411 J	0.356 J	0.214 J	0.220 J	0.261 J	0.257 J	0.267 J	0.274 J
06/30/2022	0.212 J	0.351 J	0.275 J	0.300 J	0.343 J	0.253 J	0.514	0.294 J	0.212 J	0.216 J	0.209 J	0.214 J	0.244 J	0.247 J	0.255 J	0.285 J	0.274 J	0.502	0.266 J	0.272 J	0.257 J	0.286 J	0.343 J	0.252 J	0.411 J	0.273 J
07/15/2022	0.411	0.241 J	0.304 J	0.209 J	0.177 J	0.286 J	0.227 J	0.269 J	ND	0.374 J	ND	ND	ND	ND	0.277 J	ND	ND	0.373 J	0.317 J	ND	ND	ND	0.255 J	0.285 J	0.295 J	0.191 J
07/29/2022	0.396 J	0.272 J	0.220 J	ND	0.227 J	0.212 J	ND	0.260 J	ND	0.323 J	0.298 J	0.272 J	0.187 J	0.203 J	0.193 J	0.246 J	0.258 J	0.308 J	0.259 J	0.185 J	0.269 J	0.231 J	0.306 J	0.200 J	0.214 J	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 J	0.284 J	0.318 J	0.336 J	0.531	0.426	0.448	0.345 J	0.400 J	0.302 J	0.391 J	0.346 J	0.357 J	0.384 J	0.321 J	0.343 J	0.392 J	0.441	0.507	0.364 J	0.324 J	0.367 J	0.317 J	0.388 J	0.292 J	0.323 J
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 J	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

Sampling Period ΔC *	1.51	$\mu g/m^3$
Annual Average ΔC **	NA	$\mu g/m^3$

* 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.
J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not detected