Freeport, TX
Texas Operations Site - Oyster Creek Site
Fenceline Monitoring Program
Civil Action No. 2:21-cv-114

Sample Name	OYC_AMP-01	OYC_AMP-02	OYC_AMP-03	OYC_AMP-04	OYC_AMP-05	OYC_AMP-06	OYC_AMP-07	OYC_AMP-08	OYC_AMP-09	OYC_AMP-10	OYC_AMP-11	OYC_AMP-12
Date of Retrieval	Benzene Sample Results (µg/m^3)											
12/11/2024	0.692	0.745	0.733	0.733	0.893	1.320	1.040	0.785	0.751	0.788	1.140	1.030
12/25/2024	0.636	0.596	0.745	0.673	0.655	0.950	0.780	0.709	0.951	1.030	0.712	0.505
1/8/2025	0.787	0.685	0.750	0.868	0.749	1.120	0.870	0.777	0.890	0.883	1.540	0.882
1/23/2025	0.889	0.787	0.797	1.160	1.170	1.750	1.370	0.869	0.818	0.764	0.895	1.040
2/07/2025	0.902	0.898	0.930	0.903	0.947	0.895	0.748	0.753	0.952	1.510	1.260	0.919
2/21/2025	0.894	0.614	0.737	1.020	1.140	1.330	0.805	0.975	1.110	1.080	1.360	0.839
3/07/2025	0.798	0.731	0.832	0.922	0.895	1.120	0.886	0.814	0.979	1.220	0.966	1.040
3/21/2025	0.791	0.775	0.799	0.841	0.826	0.724	0.717	0.808	0.527	1.020	2.170	0.964
4/04/2025	0.484	0.464	0.651	0.789	0.700	0.636	0.706	0.663	0.901	2.060	1.410	0.589
4/18/2025	0.672	0.694	0.744	0.830	0.709	0.619	0.491	0.469	0.556	1.210	1.850	0.586
5/02/2025	0.474	0.368	0.713	1.100	0.665	0.500	0.562	0.535	0.717	5.790	0.820	0.511
5/16/2025	0.622	0.511	0.672	0.953	0.657	0.900	0.748	0.862	1.460	1.250	3.880	0.694
5/30/2025	0.390	0.442	0.496	0.801	0.607	0.623	0.709	0.455	1.030	1.270	1.410	0.471
6/13/2025	0.455	0.456	0.460	0.647	0.396	0.381	0.392	0.391	0.506	2.020	2.870	0.627
6/26/2025	0.350	0.327	0.787	0.536	0.258	0.224	0.337	0.225	0.418	1.280	1.660	0.554
7/11/2025	0.388	0.369	0.559	0.687	0.301	0.335	0.383	0.270	0.239	1.050	2.420	0.512
7/24/2025	0.467	0.561	0.630	0.427	0.321	0.242	0.283	0.238	ND	1.600	2.930	0.623
8/07/2025	0.494	0.515	0.592	0.511	0.450	0.429	0.513	0.387	0.428	0.669	2.560	0.726
8/20/2025	0.542	0.481	0.449	Fe	0.358	0.424	0.398	0.407	0.711	1.000	2.530	0.784
9/04/2025	0.472	0.358	0.507	0.441	0.456	0.602	0.510	0.467	0.626	0.785	2.000	0.650
9/18/2025	0.426	0.711	0.451	0.515	Fe	1.010	1.090	1.000	1.740	0.706	1.160	0.619
10/2/2025	0.505	0.379	0.580	0.495	0.562	0.634	0.580	0.533	1.670	0.639	1.580	0.468
10/15/2025	0.463	0.456	0.370	0.499	0.600	0.747	0.659	Fe	2.980	0.685	0.512	0.410
10/28/2025	0.412	0.585	0.404	0.620	0.388	0.428	0.490	0.820	0.926	0.889	1.390	0.412
11/11/2025	0.490	0.503	0.726	0.584	0.808	0.936	0.755	Fe	0.696	0.738	1.310	0.532
11/24/2025	0.390	0.414	0.525	0.448	0.433	0.461	0.563	0.411	0.462	1.580	1.980	0.449

Sampling Period ΔC *	1.59	µg/m^3
Annual Average ΔC **	1.65	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
ND: The analyte was not detected