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)											
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
12/9/2025	0.630	0.584	0.743	0.514	0.813	1.160	0.858	0.744	0.892	2.250	1.200	0.640
12/22/2025	0.669	0.551	0.727	0.659	0.697	0.986	0.690	0.699	0.553	0.767	1.710	0.780
1/6/2026	0.604	0.541	0.689	0.624	0.917	0.943	0.630	0.672	0.556	1.230	2.300	0.624
1/20/2026	0.612	0.569	0.661	0.816	0.694	0.909	0.585	0.602	0.623	1.320	1.650	0.842
2/2/2026	0.750	0.642	0.749	1.090	0.902	1.060	0.801	1.090	1.020	1.440	1.850	0.742
2/17/2026	0.806	0.643	0.686	0.771	Fe	0.609	1.220	Fe	0.797	Fe	4.900	1.060
3/3/2026	0.518	0.515	0.515	0.548	0.729	0.773	1.150	0.658	0.534	2.170	6.640	0.701
3/17/2026	0.406	0.436	0.494	0.515	0.767	0.849	0.827	0.473	0.406	2.090	4.510	0.580
3/31/2026	0.571	0.523	0.728	0.510	0.525	0.434	0.527	0.446	0.539	2.660	5.450	0.568
4/14/2026	0.360	0.312	0.453	0.476	0.529	0.733	0.492	0.570	0.883	3.790	1.290	0.615
4/28/2026	0.314	0.316	0.370	0.556	0.404	0.391	0.368	0.479	0.655	2.950	1.930	0.457
5/12/2026	0.452	0.707	0.651	0.520	0.647	1.430	1.330	0.621	0.863	2.380	1.910	0.782
5/27/2026	0.336	0.409	0.385	0.494	0.412	0.821	0.418	0.521	0.756	1.830	2.570	1.180
6/9/2026	0.336	0.296	0.348	0.389	0.386	0.405	0.322	0.376	0.756	0.895	1.690	0.414
6/22/2026	0.288	0.410	0.484	0.421	0.392	0.330	0.305	0.311	0.534	1.450	3.590	0.387
7/6/2026	0.774	0.474	1.070	0.392	0.390	0.412	0.267	0.276	0.340	1.170	7.080	0.633
7/20/2026	0.989	1.350	0.792	0.818	0.647	1.170	0.775	0.609	Fe	1.070	5.700	1.110
8/3/2026	0.922	0.529	2.620	0.560	ND	0.523	ND	ND	0.450	0.609	3.460	1.040
8/17/2026	0.475	0.942	0.547	0.492	0.529	ND	0.480	ND	0.479	1.030	2.110	0.500
8/31/2026	0.548	0.438	0.653	ND	0.567	0.535	ND	0.516	ND	0.460	3.970	0.898
9/14/2026	0.574	0.530	0.558	0.482	0.416	0.420	0.437	0.459	0.741	1.640	2.450	0.649
9/28/2026	0.689	0.400	0.646	0.933	1.540	0.572	0.671	Fe	1.330	0.725	0.663	0.567

Sampling Period ΔC *	1.14	µg/m^3
Annual Average ΔC **	2.77	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