Plaquemine, LA
Louisiana Operations Site
Fenceline Monitoring Program
Civil Action No. 2:21-cv-114

Sample Name	PLA_AMP-01	PLA_AMP-02	PLA_AMP-03	PLA_AMP-04	PLA_AMP-05	PLA_AMP-06	PLA_AMP-07	PLA_AMP-08	PLA_AMP-09	PLA_AMP-10	PLA_AMP-11	PLA_AMP-12	PLA_AMP-13	PLA_AMP-14	PLA_AMP-15	PLA_AMP-16	PLA_AMP-17	PLA_AMP-18	PLA_AMP-19	PLA_AMP-20
Date of Retrieval	Benzene Sample Results ($\mu g/m^3$)																			
06/16/2022	1.13	4.00	1.64	0.822	0.590	0.526	0.506	0.431	0.393	0.575	0.539	0.442	0.573	0.718	0.655	0.541	0.571	0.452	0.631	0.594
06/29/2022	0.857	1.60	2.95	1.06	1.06	1.33	0.907	0.780	0.668	0.638	0.639	0.639	0.700	0.810	0.853	0.846	0.936	0.843	0.850	1.11
07/13/2022	1.17	2.47	2.32	1.14	0.997	1.07	0.884	0.798	0.736	0.606	0.660	0.544	0.552	0.509	0.540	0.619	0.571	0.561	0.767	1.23
07/27/2022	1.23	4.56	1.79	1.05	0.856	0.900	0.924	0.636	0.660	0.652	0.670	0.621	0.609	0.591	0.567	0.672	0.621	0.601	0.775	1.19
08/10/2022	1.68	1.82	1.38	0.738	0.638	0.688	0.717	0.736	0.742	0.671	0.842	0.840	0.821	1.05	1.41	0.992	1.24	1.17	0.894	2.19
08/24/2022	1.02	1.80	2.31	1.20	0.904	1.02	1.05	0.749	0.720	0.823	0.956	0.829	0.780	0.795	0.891	0.987	0.690	0.638	0.871	1.79
09/07/2022	1.16	2.05	2.02	0.994	0.782	0.668	0.718	0.609	0.606	0.56	0.556	0.564	0.63	0.656	0.626	0.744	0.836	0.642	0.718	1.1
09/21/2022	0.726	0.888	0.927	0.88	0.778	0.7	1.07	0.63	0.667	1.08	1.02	0.68	0.761	0.749	0.964	1.14	1.21	1.07	1.1	1.75
10/5/2022	0.808	1.04	1.24	0.841	0.775	0.767	0.796	0.778	0.767	0.727	0.718	0.93	1.27	1.17	1.11	1.12	1.28	0.857	0.963	0.875
10/19/2022	0.848	1.58	1.19	0.869	0.847	1.04	0.899	0.816	0.949	0.881	1.03	0.991	1.05	1.24	1.26	1.19	1.23	1.08	0.895	1.37
11/02/2022	1.79	2.22	1.9	1.26	1.02	0.877	1.01	0.84	0.775	0.833	0.795	0.871	0.842	0.828	0.957	1.09	1.03	1.03	1.05	1.6
11/16/2022	1.41	49.9	1.19	0.821	0.792	0.949	0.845	0.748	0.863	0.762	0.907	0.923	0.92	0.97	1.06	1.44	1.16	1.14	1.71	3.08
11/30/2022	1.03	2.27	1.52	0.91	0.867	0.809	0.767	0.772	0.833	0.718	0.673	0.767	0.925	1.58	1.19	1.21	1.16	0.901	0.972	1.57
12/14/2022	2.06	3.18	1.81	0.986	0.718	0.787	0.781	0.758	0.786	0.919	0.827	0.822	0.894	1.05	0.889	0.786	0.999	0.738	0.756	1.11
12/28/2022	0.976	1.67	1.17	1.02	0.924	0.881	0.931	0.918	1.11	0.961	0.897	1.82	1.04	1.07	1.18	0.925	1.02	0.981	1.12	1.31
1/11/2023	2.28	3.12	1.51	1.11	0.793	0.737	0.879	0.837	0.656	0.843	0.775	0.829	0.811	0.954	0.874	0.859	0.922	0.778	1.09	1.15
1/25/2023	1.53	2.28	1.32	0.956	0.652	0.55	0.808	0.598	1.2	0.637	0.659	0.589	0.566	0.614	0.619	0.768	0.773	0.597	0.641	0.911

Sampling Period ΔC *	1.73	$\mu g/m^3$
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