**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 ($\mu g/m^3$) | | | | | | | | | | |
| 6/16/2022 | 1.13 | 4 | 1.64 | 0.822 | 0.59 | 0.462 | 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 |
| 6/30/2022 | 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 | 0.901 | 0.843 | 0.850 | 1.11 |
| 7/13/2022 | 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 | 0.54 | 0.619 | 0.571 | 0.561 | 0.767 | 1.23 |

| | | |
|---|---|---|
| Sampling Period ΔC * | 1.96 | $\mu g/m^3$ |
| 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 dection limit and the reporting limit

ND: The analyte was not present above the Method Detection Limit