

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 ($\mu\text{g}/\text{m}^3$) | | | | | | | | | | | |
| 3/9/2023 | 0.5 | 0.571 | 0.587 | 0.604 | 0.55 | 0.517 | 0.544 | 0.481 | 0.655 | 2.82 | 0.991 | 0.7 |
| 3/22/2023 | 0.76 | 0.835 | 0.78 | 1.05 | 0.905 | 0.876 | 0.966 | 0.927 | 0.784 | 2.82 | 1.1 | 0.64 |
| 4/6/2023 | 0.55 | 0.589 | 0.601 | 0.675 | 0.789 | 0.755 | 0.87 | 0.797 | 0.774 | 2.8 | 1.03 | 0.72 |
| 4/20/2023 | 0.636 | 0.71 | 0.769 | 0.723 | 0.774 | 1 | 11.6 | 1.28 | 0.778 | 3.02 | 0.736 | 0.56 |
| 5/4/2023 | 0.603 | 0.402 | 0.575 | 0.529 | 0.449 | 0.585 | 0.558 | 0.58 | 1.01 | 1.25 | 0.735 | 1.0 |
| 5/18/2023 | 0.434 | 0.533 | 0.495 | 0.432 | 0.459 | 0.526 | 0.415 | 0.462 | 0.602 | 3.32 | 0.909 | 0.481 |
| 6/1/2023 | 0.537 | 0.564 | 0.587 | 0.576 | 0.524 | 0.651 | 0.562 | 0.594 | 0.773 | 1.22 | 0.733 | 0.568 |
| 6/15/2023 | 0.487 | 0.42 | 0.555 | 0.464 | 0.417 | 0.509 | 0.59 | 0.509 | 0.488 | 1.39 | 1.92 | 0.707 |
| 6/29/2023 | 0.567 | 0.609 | 0.565 | 0.423 | 0.359 | 0.226 | 0.317 | 0.229 | 0.269 | 0.891 | 3.68 | 0.665 |
| 7/13/2023 | 0.352 | 0.373 | 0.505 | 0.391 | 0.319 | 0.349 | 0.233 | 0.28 | 0.304 | 0.923 | 2.29 | 0.643 |
| 7/27/2023 | 0.395 | 0.96 | 0.469 | 0.322 | 0.27 | 0.315 | 0.218 | 0.256 | 0.215 | 0.688 | 2.73 | 0.586 |
| 8/9/2023 | 0.283 | 0.539 | 0.335 | 0.277 | 0.388 | 0.277 | ND | 0.224 | 0.251 | 1.2 | 2.46 | 0.63 |
| 8/24/2023 | 0.421 | 0.716 | 0.402 | 0.302 | 0.279 | 0.261 | 0.267 | 0.5 | 0.752 | 1.04 | 2.12 | 0.559 |
| 9/7/2023 | 0.494 | 0.455 | 0.533 | 0.562 | 0.51 | 0.634 | 0.588 | 0.46 | 0.75 | 1.7 | 1.3 | 0.591 |
| 9/21/2023 | 0.467 | 0.393 | 0.757 | 0.612 | 0.519 | 0.792 | 0.617 | 0.501 | 0.693 | 1.56 | 0.942 | 0.613 |
| 10/6/2023 | 0.312 | 0.254 | 0.338 | 0.288 | 0.277 | 0.417 | 0.358 | 0.66 | 0.885 | 1.24 | 0.904 | 0.259 |
| 10/19/2023 | 0.61 | 0.633 | 0.766 | 0.874 | 0.861 | 1.09 | 0.867 | 0.817 | 0.752 | 1.24 | 0.697 | 0.653 |
| 11/02/2023 | 0.534 | 0.474 | 0.522 | 0.582 | 0.828 | 0.699 | 0.627 | 0.511 | 0.62 | 3.15 | 0.792 | 0.52 |
| 11/16/2023 | 0.75 | 0.893 | 0.818 | 0.764 | 0.841 | 1.24 | 0.913 | 0.69 | 0.649 | 1.45 | 1.31 | 0.819 |
| 11/30/2023 | 0.704 | 0.689 | 0.76 | 0.801 | 0.836 | 1.09 | 0.799 | 0.85 | 0.687 | 1.8 | 1 | 0.771 |
| 12/14/2023 | 0.763 | 0.717 | 0.805 | 0.948 | 0.926 | 0.831 | 1.05 | 1.2 | 0.792 | 1.57 | 1.38 | 0.846 |
| 12/28/2023 | 0.671 | 0.647 | 0.662 | 0.75 | 0.796 | 0.791 | 0.856 | 0.938 | 0.896 | 1.27 | 0.633 | 0.824 |
| 01/11/2024 | 0.877 | 1.04 | 1 | 0.98 | 0.996 | 1.1 | 0.999 | 1.25 | 1.06 | 2.57 | 1.36 | 1.01 |
| 01/25/2024 | 0.805 | 0.843 | 1.1 | 0.984 | 1.3 | 1.12 | 0.878 | 1.18 | 2.13 | 2.92 | 0.968 | 0.808 |
| 02/08/2024 | 0.704 | 0.675 | 0.972 | 1.77 | 1.06 | 0.706 | 0.591 | 0.689 | 0.721 | 1.74 | 1.03 | 0.963 |
| 2/22/2024 | 0.638 | 0.526 | 0.982 | 0.751 | 1.09 | 0.891 | 0.652 | 0.732 | 0.726 | 1.97 | 1.78 | 0.768 |

| | | |
|------------------------------------|------|--------------------------|
| Sampling Period ΔC * | 1.44 | $\mu\text{g}/\text{m}^3$ |
| Annual Average ΔC ** | 1.92 | $\mu\text{g}/\text{m}^3$ |

* 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.