

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 ( $\mu\text{g}/\text{m}^3$ ) |            |            |            |            |            |            |            |            |            |            |            |
| 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      |
| 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      |

|                              |      |                          |
|------------------------------|------|--------------------------|
| Sampling Period $\Delta C$ * | 1.74 | $\mu\text{g}/\text{m}^3$ |
| Annual Average $\Delta C$ ** | 1.69 | $\mu\text{g}/\text{m}^3$ |

\* Sampling Period  $\Delta C$  = Difference between the highest and lowest concentrations detected during the sampling period

\*\* Annual Average  $\Delta C$  = The rolling average of the 26 previous 14 day sampling periods.

Fe: Field Error

ND: The analyte was not detected