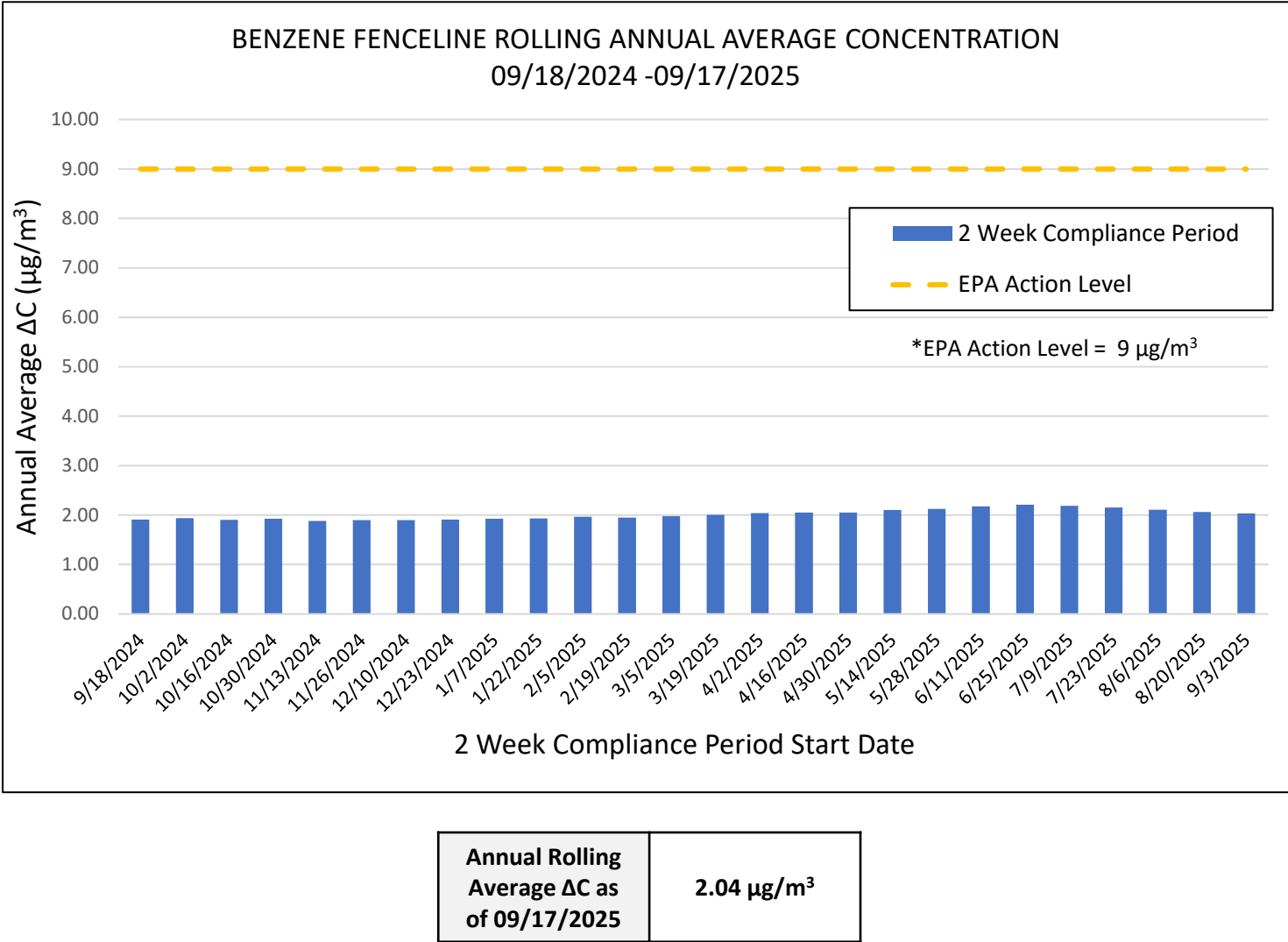


# Benzene Fenceline Monitoring



\* The EPA action level is not a regulatory limit or a health-based level of exposure, instead it serves as an action level to conduct further investigation.

Houston Benzene Concentrations (µg/m3) at Sampling Locations

| Sampling Location | Compliance Event 174 | Compliance Event 175 | Compliance Event 176 | Compliance Event 177 | Compliance Event 178 | Compliance Event 179 | Compliance Event 180 | Compliance Event 181 | Compliance Event 182 | Compliance Event 183 | Compliance Event 184 | Compliance Event 185 | Compliance Event 186 | Compliance Event 187 | Compliance Event 188 | Compliance Event 189 | Compliance Event 190 | Compliance Event 191 | Compliance Event 192 | Compliance Event 193 | Compliance Event 194 | Compliance Event 195 | Compliance Event 196 | Compliance Event 197 | Compliance Event 198 | Compliance Event 199 |
|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|                   | 9/18/2024            | 10/2/2024            | 10/16/2024           | 10/30/2024           | 11/13/2024           | 11/26/2024           | 12/10/2024           | 12/23/2024           | 1/7/2025             | 1/22/2025            | 2/5/2025             | 2/19/2025            | 3/5/2025             | 3/19/2025            | 4/2/2025             | 4/16/2025            | 4/30/2025            | 5/14/2025            | 5/28/2025            | 6/11/2025            | 6/25/2025            | 7/9/2025             | 7/23/2025            | 8/6/2025             | 8/20/2025            | 9/3/2025             |
|                   | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                | µg/m³                |
| HO1               | 1.81                 | 2.63                 | 2.84                 | 2.68                 | 2.23                 | 2.57                 | 2.41                 | 2.06                 | 2.24                 | 2.38                 | 2.39                 | 2.53                 | 1.30                 | 1.93                 | 1.79                 | 1.40                 | 1.99                 | 1.63                 | 1.63                 | 1.90                 | 1.81                 | 1.29                 | 1.36                 | 1.57                 | 2.00                 | 2.19                 |
| HO2               | 1.68                 | 2.53                 | 2.89                 | 2.39                 | 2.34                 | 2.45                 | 2.38                 | 1.84                 | 1.82                 | 2.25                 | 1.45                 | 1.94                 | 1.13                 | 2.20                 | 1.74                 | 1.51                 | 1.67                 | 1.64                 | 1.60                 | 1.78                 | 1.47                 | 0.94                 | 1.31                 | 1.56                 | 1.77                 | 2.01                 |
| HO3               | 1.40                 | 2.47                 | 1.93                 | 2.12                 | 2.05                 | 2.27                 | 1.84                 | 1.46                 | 1.83                 | 1.53                 | 1.27                 | 1.40                 | 0.74                 | 1.30                 | 1.23                 | 0.62                 | 1.27                 | 0.78                 | 1.12                 | 1.04                 | 0.94                 | 0.73                 | 1.53                 | 1.17                 | 1.63                 | 1.76                 |
| HO4               | 1.92                 | 3.36                 | 2.91                 | 2.63                 | 2.46                 | 3.24                 | 2.35                 | 2.05                 | 2.91                 | 2.19                 | 1.63                 | 2.24                 | 0.90                 | 1.75                 | 1.71                 | 0.91                 | 2.01                 | 1.27                 | 1.65                 | 1.41                 | 1.39                 | 0.85                 | 1.21                 | 1.67                 | 2.16                 | 2.46                 |
| HO5               | 2.23                 | 2.88                 | 2.27                 | 2.17                 | 2.63                 | 2.45                 | 2.40                 | 1.81                 | 2.09                 | 2.83                 | 1.43                 | 2.17                 | 1.99                 | 1.74                 | 1.79                 | 0.71                 | 1.48                 | 1.01                 | 1.58                 | 1.53                 | 1.63                 | 1.53                 | 2.04                 | 2.18                 | 2.45                 | 2.26                 |
| HO6               | 2.19                 | 3.19                 | 3.34                 | 3.00                 | 2.70                 | 2.67                 | 3.42                 | 2.62                 | 2.32                 | 2.57                 | 1.93                 | 2.80                 | 1.24                 | 2.59                 | 1.96                 | 1.71                 | 1.99                 | 1.80                 | 1.94                 | 1.97                 | 1.74                 | 0.85                 | 1.42                 | 1.79                 | 2.41                 | 2.53                 |
| HO7               | 2.65                 | 3.29                 | 2.62                 | 2.63                 | 2.70                 | 2.70                 | 2.48                 | 2.37                 | 2.84                 | 2.44                 | 1.82                 | 2.67                 | 1.69                 | 2.49                 | 2.41                 | 1.07                 | 2.25                 | 1.45                 | 1.69                 | 1.82                 | 1.76                 | 1.65                 | 2.02                 | 2.08                 | 2.30                 | 2.33                 |
| HO8               | 2.25                 | 2.86                 | 2.54                 | 2.78                 | 2.86                 | 2.76                 | 2.73                 | 2.37                 | 3.57                 | 2.64                 | 2.67                 | 3.49                 | 2.39                 | 2.45                 | 2.97                 | 1.02                 | 2.26                 | 1.28                 | 1.70                 | 1.79                 | 1.75                 | 1.60                 | 1.93                 | 1.75                 | 1.98                 | 2.09                 |
| HO9               | 1.84                 | 3.39                 | 2.51                 | 2.54                 | 2.16                 | 3.21                 | 2.28                 | 1.64                 | 1.79                 | 3.05                 | 2.48                 | 2.74                 | 1.53                 | 1.76                 | 1.66                 | 0.77                 | 1.33                 | 0.98                 | 1.44                 | 1.24                 | 1.28                 | 1.09                 | 1.77                 | 1.73                 | 1.97                 | 1.79                 |
| HO10              | 2.01                 | 2.97                 | 3.21                 | 2.99                 | 2.54                 | 3.16                 | 2.39                 | 3.27                 | 2.64                 | 3.08                 | 3.49                 | 2.59                 | 2.63                 | 2.87                 | 2.57                 | 2.58                 | 2.43                 | 3.20                 | 3.17                 | 2.95                 | 4.79                 | 3.85                 | 2.73                 | 2.12                 | 2.31                 | 2.46                 |
| HO11              | 1.69                 | 1.95                 | 2.19                 | 1.82                 | 2.12                 | 1.88                 | 2.17                 | 1.68                 | 1.63                 | 2.43                 | 1.79                 | 2.05                 | 1.88                 | 1.91                 | 2.08                 | 1.97                 | 1.81                 | 1.98                 | 1.85                 | 2.07                 | 2.06                 | 2.16                 | 1.57                 | 1.49                 | 1.57                 | 1.66                 |
| HO12              | 1.99                 | 2.82                 | 3.23                 | 2.52                 | 2.52                 | 3.22                 | 2.63                 | 2.13                 | 1.86                 | 3.21                 | 3.63                 | 2.41                 | 2.64                 | 2.52                 | 2.51                 | 2.55                 | 2.46                 | 3.77                 | 2.60                 | 4.65                 | 2.91                 | 3.14                 | 2.07                 | 2.44                 | 1.94                 | 2.32                 |
| HO13              | 1.46                 | 1.73                 | 2.25                 | 1.90                 | 2.14                 | 1.95                 | 2.19                 | 1.63                 | 1.65                 | 2.16                 | 2.27                 | 1.78                 | 1.70                 | 1.61                 | 2.02                 | 1.56                 | 1.41                 | 2.01                 | 1.67                 | 2.20                 | 1.83                 | 1.79                 | 1.43                 | 1.65                 | 1.53                 | 1.76                 |
| HO14              | 1.40                 | 1.38                 | 1.68                 | 1.53                 | 1.75                 | 1.39                 | 1.93                 | 1.26                 | 1.31                 | 1.76                 | 1.09                 | 1.51                 | 1.07                 | 1.28                 | 1.16                 | 2.15                 | 1.54                 | 3.33                 | 1.24                 | 1.28                 | 1.01                 | 0.63                 | 0.88                 | 1.09                 | 1.35                 | 1.37                 |
| HO15              | 1.35                 | 1.35                 | 1.79                 | 1.41                 | 1.58                 | 1.52                 | 1.60                 | 1.21                 | 1.17                 | 1.63                 | 1.35                 | 1.37                 | 1.55                 | 1.33                 | 1.30                 | 0.86                 | 0.89                 | 1.01                 | 1.81                 | 1.86                 | 0.93                 | 1.02                 | 1.08                 | 0.97                 | 1.33                 | 1.40                 |
| HO16              | 1.39                 | 1.90                 | 1.70                 | 1.75                 | 1.43                 | 1.75                 | 1.61                 | 1.27                 | 1.31                 | 1.65                 | 1.14                 | 1.63                 | 1.19                 | 1.11                 | 1.30                 | 0.77                 | 1.09                 | 0.85                 | 1.02                 | 1.02                 | 1.03                 | 0.64                 | 0.92                 | 1.00                 | 1.31                 | 1.48                 |
| HO17              | 1.59                 | 2.29                 | 2.48                 | 2.21                 | 1.93                 | 2.27                 | 2.32                 | 1.61                 | 1.79                 | 2.07                 | 1.66                 | 2.10                 | 1.05                 | 1.39                 | 1.52                 | 1.06                 | 1.66                 | 1.21                 | 1.42                 | 1.45                 | 1.36                 | 0.84                 | 1.19                 | 1.33                 | 1.72                 | 1.80                 |
| MAX               | 2.65                 | 3.39                 | 3.34                 | 3.00                 | 2.86                 | 3.24                 | 3.42                 | 3.27                 | 3.57                 | 3.21                 | 3.63                 | 3.49                 | 2.64                 | 2.87                 | 2.97                 | 2.58                 | 2.46                 | 3.77                 | 3.17                 | 4.65                 | 4.79                 | 3.85                 | 2.73                 | 2.44                 | 2.45                 | 2.53                 |
| MIN               | 1.35                 | 1.35                 | 1.68                 | 1.41                 | 1.43                 | 1.39                 | 1.60                 | 1.21                 | 1.17                 | 1.53                 | 1.09                 | 1.37                 | 0.74                 | 1.11                 | 1.16                 | 0.62                 | 0.89                 | 0.78                 | 1.02                 | 1.02                 | 0.93                 | 0.63                 | 0.88                 | 0.97                 | 1.31                 | 1.37                 |
| DELTA             | 1.30                 | 2.04                 | 1.66                 | 1.59                 | 1.43                 | 1.85                 | 1.82                 | 2.06                 | 2.40                 | 1.68                 | 2.54                 | 2.12                 | 1.90                 | 1.76                 | 1.81                 | 1.96                 | 1.57                 | 2.99                 | 2.15                 | 3.63                 | 3.86                 | 3.22                 | 1.85                 | 1.47                 | 1.14                 | 1.16                 |
| AVG DELTA         | 1.91                 | 1.94                 | 1.90                 | 1.92                 | 1.88                 | 1.90                 | 1.90                 | 1.91                 | 1.92                 | 1.93                 | 1.97                 | 1.95                 | 1.98                 | 2.01                 | 2.04                 | 2.05                 | 2.05                 | 2.10                 | 2.12                 | 2.18                 | 2.21                 | 2.19                 | 2.16                 | 2.11                 | 2.06                 | 2.04                 |