



2025 Year to Date Nanticoke Refinery Property Line Benzene Monitoring Data															
Station ID		1-FLARE	2-SPHERE	3-WWTP	4-WWTP	5-WWTP	6-FIREHALL	7-RAIL	8-RAIL	9-TERMINAL	10-TANKS	11-TANKS	12-TANKS	13-DOCK1	14-DOCK2
Location (Lat, Long)		42.8360 -80.0403	42.8324 -80.0403	42.8283 -80.0423	42.8240 -80.0431	42.8264 -80.0466	42.8295 -80.0496	42.8318 -80.0558	42.8361 -80.0576	42.8406 -80.0594	42.8404 -80.0542	42.8392 -80.0499	42.8390 -80.0451	42.7988 -80.0408	42.7959 -80.0488
Date of Deployment/Date of Retrieval/Results (ug/m3)															
19-December-2024	2-January-2025	0.95	0.80	1.1	1.8	1.1	0.90	1.3	2.2	0.80	1.9	1.5	1.4	0.63	1.2
2-January-2025	16-January-2025	1.8	1.1	1.2	0.89	0.71	0.74	0.92	1.0	0.64	2.2	3.3	2.5	1.4	0.79
16-January-2025	30-January-2025	1.9	1.2	1.4	0.97	0.82	0.95	0.67	0.64	0.71	3.2	2.9	4.5	0.95	0.64
30-January-2025	13-February-2025	1.4	0.97	0.91	1.3	0.82	0.92	1.1	1.9	0.62	1.6	1.7	1.7	1.0	0.65
13-February-2025	27-February-2025	1.8	0.98	1.2	1.1	0.88	0.99	0.86	1.2	0.68	3.1	3.1	3.4	0.77	0.84
27-February-2025	13-March-2025	1.7	1.4	1.4	0.87	1.2	0.95	0.99	2.2	0.83	5.4	2.5	3.0	1.4	0.65
13-March-2025	27-March-2025	1.4	0.95	1.4	0.66	1.2	0.93	0.86	1.6	0.76	5.4	2.7	2.6	0.57	0.59
27-March-2025	10-April-2025	0.94	1.1	1.2	1.5	1.0	0.94	1.0	2.2	0.72	3.3	1.4	1.6	1.5	0.68
10-April-2025	24-April-2025	1.2	0.91	0.88	1.6	1.3	0.88	1.1	1.7	0.68	3.3	2.1	2.0	0.45	2.3
24-April-2025	8-May-2025	0.75	1.0	1.3	2.6	0.92	0.90	1.1	1.9	0.56	2.4	1.3	1.1	0.41	0.40
8-May-2025	22-May-2025	0.58	0.58	0.84	1.2	0.96	0.70	1.0	1.6	0.51	2.0	1.2	1.1	0.34	0.78
22-May-2025	05-June-2025	1.1	1.0	1.1	0.67	0.78	0.68	0.59	1.2	0.70	3.0	1.7	1.6	0.73	0.27
05-June-2025	19-June-2025	0.80	0.83	1.4	1.5	0.81	0.91	1.6	2.1	0.60	3.7	1.7	1.8	1.2	0.53
19-June-2025	03-July-2025	1.2	1.3	1.8	0.73	0.80	0.86	0.80	1.0	0.44	5.6	3.6	2.9	1.0	0.29
03-July-2025	17-July-2025	0.98	0.96	2.2	1.3	1.4	1.2	1.4	1.6	0.70	8.0	3.4	2.4	0.51	2.0
17-July-2025	31-July-2025	1.0	1.0	1.7	1.9	0.88	1.2	1.5	1.6	0.48	4.0	2.4	1.7	0.94	0.52
31-July-2025	14-August-2025	0.87	0.92	2.4	1.2	1.7	1.6	1.9	2.1	1.0	6.9	2.5	1.6	0.76	0.70
14-August-2025	28-August-2025	1.2	1.2	1.1	1.6	0.81	1.0	1.2	2.3	0.40	2.0	2.1	1.6	0.48	0.50
28-August-2025	11-September-2025	0.74	0.71	1.4	1.6	1.6	1.4	0.49	1.7	0.47	2.5	1.7	0.49	0.51	0.33
11-September-2025	25-September-2025	0.52	0.74	1.1	1.3	1.0	1.4	1.7	2.1	0.51	2.0	1.1	0.91	0.39	0.94
25-September-2025	09-October-2025	0.76	0.76	1.5	1.5	0.60	0.84	0.74	1.2	0.36	1.8	1.2	1.1	0.49	0.49
09-October-2025	23-October-2025	0.75	1.2	2.1	1.8	1.6	1.6	1.3	1.6	0.58	3.2	2.0	1.3	0.38	0.61
23-October-2025	06-November-2025	1.1	0.73	0.54	0.62	0.39	0.43	0.68	1.1	0.30	0.56	1.0	1.1	0.75	0.55