

2023 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)	42.836013 -80.040576	42.832427 -80.040301	42.828328 -80.042273	42.823994 -80.043062	42.826407 -80.046635	42.829482 -80.049635	42.831782 -80.055838	42.83611 -80.057595	42.840564 -80.059375	42.840431 -80.054201	42.839189 -80.049876	42.838969 -80.045082	42.475591 -80.227.07	42.474502 -80.25658	
Date of Deployment/Date of Retrieval/Results (ug/m3)															
22-December-2022	5-January-2023	1.9	0.7	1.1	0.74	1	0.86	0.86	1.2	0.78	3	3	3	1.2	1
5-January-2023	19-January-2023	1	0.69	0.7	1.9	0.75	0.84	1.3	1.3	0.52	1.1	1.3	1.3	1	0.62
19-January-2023	2-February-2023	2.3	1	0.84	1.2	1.2	0.73	0.79	0.9	0.68	1.7	1.9	2	0.88	0.62
2-February-2023	16-February-2023	1.9	1.2	1.4	0.9	1.2	0.97	0.81	1.1	0.82	3.3	2.3	4.5	1.5	0.64
16-February-2023	2-March-2023	1.1	0.99	1	0.96	0.89	0.85	1.3	1.6	0.58	1.4	1.2	2	0.95	0.73
2-March-2023	16-March-2023	0.77	1	0.86	2.5	0.84	0.95	1.3	1.3	0.49	1.1	0.78	1.4	1.3	0.51
16-March-2023	30-March-2023	1.9	0.97	1.3	0.96	0.9	0.99	1.3	1.2	0.58	2.8	2.3	4.6	0.59	0.78
30-March-2023	13-April-2023	1.2	0.92	1.6	1	1.3	1.1	1.3	1.4	0.8	3.6	2	3.9	1	0.46
13-April-2023	27-April-2023	1.1	0.7	0.78	1.2	1	1	1.2	1.6	0.56	2.6	2.4	3.5	0.56	0.88
27-April-2023	11-May-2023	0.69	0.6	0.88	1.3	1.2	0.8	1	1.5	0.53	2	1.4	2.1	1.6	0.92
11-May-2023	25-May-2023	0.98	0.93	1.5	1.2	0.61	0.98	1.4	2.2	0.44	2.7	1.6	2.5	0.39	0.42
25-May-2023	8-June-2023	0.53	0.59	1.1	2.4	1.4	1.5	2.2	2.2	0.55	1.8	1.2	1.3	0.71	1.8
8-June-2023	22-June-2023	1.1	1	1.2	1	0.87	0.81	1.2	2	0.60	2	1.4	1.6	0.94	0.46
22-June-2023	6-July-2023	1.4	1.3	2.4	1.4	2.3	1.5	1.2	1.6	1.1	4.3	3.1	2.6	1.4	0.86
6-July-2023	20-July-2023	1.6	1.1	2.2	2.0	1.8	1.5	1.2	1.0	0.57	3.2	2.6	2.4	1.4	0.79
20-July-2023	3-August-2023	1.4	1.2	2.2	1.3	0.92	1.0	0.79	0.89	0.47	4.7	2.9	2.8	3.2	0.67
3-August-2023	17-August-2023	1.3	1.3	1.6	2.3	0.72	0.77	0.95	1.6	0.52	3.6	2.2	1.7	1.9	0.79
17-August-2023	31-August-2023	1.6	1.1	1.2	2.8	1.2	1.1	1.5	1.9	0.69	3.0	2.2	1.9	0.63	0.67
31-August-2023	14-September-2023	1.2	1.1	1.9	3.2	1.7	1.3	1.4	1.4	0.73	3.6	2.2	2.2	1.9	0.51
14-September-2023	28-September-2023	0.67	0.69	0.63	2.2	1.8	1.2	1.3	2.2	0.76	1.1	0.93	0.64	0.67	0.62
28-September-2023	12-October-2023	1.6	0.76	1.2	1.4	1.3	1.1	1.1	1.1	0.58	2.8	2.8	2.1	2.2	0.70
12-October-2023	26-October-2023	1.1	0.97	1.5	1.2	0.75	1.6	0.81	0.86	0.47	2.7	1.2	1.7	0.98	0.44
26-October-2023	9-November-2023	3.6	1.6	1.4	1.6	0.96	2.7	1.3	1.2	0.66	3.8	2.3	3.2	0.60	0.76
9-November-2023	23-November-2023	4.2	1.9	2.3	1.2	0.89	0.73	1.0	1.3	0.56	2.8	2.0	1.6	0.64	0.57
23-November-2023	7-December-2023	7.2	1.7	0.96	1.3	0.61	0.70	0.98	1.2	0.49	2.4	2.8	2.3	0.65	0.62
7-December-2023	21-December-2023	6.4	1.4	1.7	0.88	1.8	0.75	1.3	1.3	0.77	2.5	2.4	3.3	1.6	0.57