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Baytown Olefins Plant
Fenceline Monitoring Requirements
NSR Permit No. 3452 SC 79 (Effective 12/21/2023)

Sampler Name	BOP-1	BOP-2	BOP-3	BOP-4	BOP-5	BOP-6	BOP-7	BOP-8	BOP-9	BOP-10	BOP-11	BOP-12	BOP-13	BOP-14	BOP-15
Sampler Latitude	29.76263	29.75991	29.75701	29.75590	29.75313	29.75195	29.75023	29.75254	29.75486	29.75557	29.75798	29.75968	29.76146	29.76266	29.76258
Sampler Longitude	-95.01518	-95.01736	-95.01798	-95.01812	-95.01505	-95.01292	-95.01098	-95.00864	-95.00708	-95.00531	-95.00287	-95.00374	-95.00568	-95.00840	-95.01228
Date of Retrieval	Benzene Sample Results (ug/m3)														
11/17/2025	1.7	1.6	1.7	1.7	2.1	2.6	1.4	1.6	1.3	1.5	1.3	1.2	1.0	1.1	1.4
12/1/2025	1.4	0.6	1.9	1.9	2.0	4.3	1.2	1.3	1.1	1.4	1.0	0.9	0.8	1.0	1.1
12/15/2025	0.6	1.5	2.2	2.1	2.1	3.7	1.9	1.4	1.2	1.4	1.1	0.4	0.4	1.0	0.5
12/29/2025	1.1	1.3	2.1	1.7	1.7	2.2	1.4	1.4	1.2	1.2	1.0	0.9	0.9	1.0	1.1
1/12/2026	1.2	1.1	1.4	1.4	1.4	2.2	2.4	2.0	1.3	1.5	1.3	1.2	1.1	1.0	1.2
1/26/2026	1.3	1.4	2.4	1.8	1.9	2.5	2.2	1.8	1.4	1.6	1.3	1.2	1.1	1.2	1.3
2/9/2026	1.8	1.9	2.5	2.8	2.4	2.6	2.4	2.1	1.9	1.9	1.6	1.4	1.4	1.4	1.6
2/23/2026	1.8	1.8	2.0	2.2	1.9	2.4	2.2	1.7	2.3	0.9	1.5	1.2	1.3	1.3	1.7
3/9/2026	2.0	2.1	1.6	0.6	1.8	2.3	1.5	1.5	1.4	1.7	1.3	1.0	1.4	1.7	1.9
3/23/2026	1.5	1.6	1.6	1.8	2.1	-[1]	2.5	1.6	1.3	2.3	1.3	0.5	2.1	1.4	1.6
4/6/2026	1.3	1.5	1.2	1.3	1.4	2.7	0.4	1.1	1.1	1.5	0.3	0.7	1.2	1.3	1.1
4/20/2026	1.3	1.9	2.4	1.3	2.4	4.7	1.2	1.8	0.8	1.4	0.7	0.3	0.7	0.9	1.0
5/4/2026	1.5	2.5	2.2	2.0	1.9	4.4	0.9	0.4	1.1	0.4	0.4	0.7	1.2	0.8	1.0
5/18/2026	1.9	2.9	2.7	2.4	2.4	3.2	1.3	1.4	1.4	1.7	1.0	1.0	1.1	1.4	0.6
6/1/2026	2.2	3.5	3.5	3.1	2.9	5.0	1.6	1.6	1.4	1.3	1.6	1.5	1.7	1.8	2.0
6/15/2026	1.5	2.8	3.0	2.4	2.5	4.3	1.0	1.3	1.1	1.0	0.7	0.8	0.6	0.9	1.3
6/30/2026	2.2	3.5	3.6	3.5	4.5	2.9	1.3	1.4	1.0	1.2	1.0	0.3	1.3	1.8	1.5
7/13/2026	1.4	0.7	2.3	2.0	0.6	2.2	1.3	1.4	1.3	1.3	1.1	1.2	1.4	1.0	1.2
7/27/2026	1.7	1.9	2.7	2.6	2.4	3.8	1.7	0.7	1.5	1.5	1.3	1.4	1.4	2.3	1.2
8/10/2026	3.4	2.0	1.6	1.6	2.1	2.6	1.4	1.6	1.5	1.4	1.2	1.2	1.7	2.3	5.0
8/24/2026	1.7	2.4	1.8	1.9	2.2	1.0	1.6	1.5	1.3	1.4	1.4	1.4	1.5	1.5	1.5
9/8/2026	1.9	2.1	2.6	2.4	2.4	3.4	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.5
9/21/2026	1.4	1.7	3.9	3.0	2.3	3.8	1.0	1.1	1.1	1.0	0.8	0.8	0.9	0.9	1.2
10/5/2026	1.3	3.8	3.6	3.1	2.0	6.1	1.1	1.3	2.3	1.4	0.7	0.7	0.7	0.7	1.0
10/19/2026	1.4	3.3	3.4	3.2	2.0	8.2	1.7	1.6	1.5	1.2	0.9	0.8	0.8	0.9	1.5
11/2/2026	1.1	2.6	6.7	3.4	5.3	4.2	1.2	1.2	1.1	0.9	0.8	0.7	0.8	0.7	1.1

Notes:
[1] Sample tube damage was reported for the BOP-06 sample retrieved on March 23, 2026. Therefore, sample results were not available and excluded from the respective period's ΔC calculation.

Annual Average ΔC*	3.0

*Annual average ΔC is a rolling average based on the 26 most recent 14-Day sampling periods.