



QUARTERLY FENCELINE MONITORING REPORT

2nd Quarter 2026

(April 10, 2026 – July 5, 2026)

Property:

**International-Matex Tank Terminals – St. Rose Terminal
11842 River Road
Saint Rose, Saint Charles Parish, Louisiana
EPA Agency Facility # 4885**

July 24, 2026

Ensolum Project No. 11A1616002

Prepared for:

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EPA 325 QUARTERLY BENZENE FENCELINE MONITORING REPORT

1.0 INTRODUCTION

1.1 Site Description

The International-Matex Tank Terminals (IMTT) Saint Rose Terminal Site, hereinafter referred to as the “facility,” is located on 11842 River Road in St. Rose within St. Charles Parish, Louisiana. The facility has been operated by IMTT since the 1960s and primarily functions as a bulk liquid handling and storage terminal containing over 200 aboveground storage tanks of varying sizes for loading and unloading liquids to and from ships, barges, trucks, rail, and pipelines.

1.2 Project Background

Beginning in the first quarter of 2026, IMTT retained Ensolum, LLC (Ensolum) to perform independent third-party continuous monitoring of ambient air at the facility’s perimeter fenceline in accordance with rules and regulations set by the Environmental Protection Agency (EPA) in 40 CFR Part 63 Subpart CC, National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries. The facility has adhered to federal regulations through compliance with EPA Method 325 since May 2021.

2.0 FIELD ACTIVITIES

2.1 Procedure

EPA Method 325 requires continuous monitoring via twenty-eight (28) passive sorbent tubes placed within twenty-four (24) monitoring stations attached to the facility’s perimeter fenceline. Twenty-four (24) sample tubes, two (2) duplicate sample tubes, and two (2) field blank sample tubes are removed from all site monitoring stations on a bi-weekly basis and replaced with a new sample set. After denoting each sample tube’s retrieval time, average atmospheric pressure, and average temperature on the chain of custody, the samples are shipped overnight to an accredited third-party laboratory (SGS Galson) for analysis.

2.2 Field Services & Observations

For the 2nd Quarter 2026 (Q2 2026) monitoring period from April 10th to July 5th, a total of six (6) bi-weekly sampling events were conducted at the facility by Ensolum personnel. During Q2 2026, two significant events occurred which deviated from a routine sample collection event.

- The first event occurred due to the aftereffects of Tropical Storm Arthur which caused significant rainfall and flooding at the site on June 18th. During the June 19th sampling event, shelters containing Samples 7 and 14 could not be reasonably accessed by Ensolum personnel and were thus not collected. This caused both Samples 7 and 14 from the June 5th to June 19th sampling period to be declared void and the subsequent Samples 7 and 14 from the June 19th to July 5th sampling period to have not been deployed. The benzene concentration from these samples have been labelled n/a (not applicable) in the attached tables.
- The second event occurred during sample collection and deployment on July 5th. Restored access to Shelter #14 allowed observation that the shelter had been physically

damaged by the tropical storm to the degree where repair was not feasible. A replacement shelter was ordered and installed in the same location as the original shelter during the sample collection event on July 19th. This event did not extensively disrupt sample deployment and collection.

The average temperature for the Q2 2026 sampling periods ranged from 72°F in April to 81°F in June. The average atmospheric pressure ranged from 29.90 inches of mercury (inHg) in April to 30.01 inHg in June.

3.0 LABORATORY ANALYTICAL METHODS

To perform sample preparation and analysis under EPA Method 325B, the thermal desorption sorbent tubes are first heated via thermal desorption to assist in removing the benzene from the tube. The laboratory then uses gas chromatography and mass spectrometry to detect the presence and concentration of benzene in each sample. Samples were analyzed at a standard turnaround time of five (5) business days, after which a lab report was released to Ensolum detailing the sample number, method detection limit, sampling length, and concentration of benzene in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).

4.0 SAMPLE RESULTS

4.1 Laboratory Results

Laboratory analysis of samples collected from the monitor stations during Q2 2026 found that the lowest concentration of benzene from a singular monitoring station above the method detection limit was 0.37 $\mu\text{g}/\text{m}^3$ from Shelter #10 collected on June 5th, while the highest concentration detected was 3.3 $\mu\text{g}/\text{m}^3$ from Shelter #23 collected on April 24th. The measured benzene concentrations from the 2nd quarter of 2026 indicate continued compliance with EPA regulations.

4.2 Data Evaluation

A reporting requirement for the facility according to 40 CFR 63.655(h)(8) is the calculation of the benzene concentration difference or Δc . This is done by subtracting the highest sample concentration in a sampling period by the lowest sample concentration. The Q2 2026 Sampling Period Δc values ranged from 1.1 $\mu\text{g}/\text{m}^3$ in May to 2.88 $\mu\text{g}/\text{m}^3$ in April. Additionally, an annual average of Δc values calculated every sampling period is required for reporting. Calculation of this value for all sampling periods in 2026 revealed that the highest Δc annual average was 2.51 $\mu\text{g}/\text{m}^3$ in April.

5.0 FINDINGS & RECOMMENDATIONS

5.1 Conclusion

For the length of Q2 2026, all monitoring stations reported benzene concentrations below the rolling annual average action level of 9 $\mu\text{g}/\text{m}^3$. Additionally, the annual average Δc values were found to be below the rolling annual average action level of 9 $\mu\text{g}/\text{m}^3$ defined under 40 CFR 63.658(g), indicating continued compliance for the IMTT St. Rose Facility. No corrective actions are warranted at this time. Ensolum will continue to perform benzene fenceline monitoring in accordance with EPA requirements, including the submission of quarterly data to the EPA Compliance and Emissions Data Reporting Interface (CEDRI).

APPENDIX A: SAMPLING PERIOD IDENTIFICATION

2nd Quarter 2026 Sampling Period Identification
International-Matex Tank Terminals - St. Rose Terminal
Agency Interest Number: 4885

Sampling Period ID	Sampling Period Start Date (\$63.655(h)(8)(iv))	Sampling Period End Date (\$63.655(h)(8)(iv))	Sampling Period Δc ($\mu\text{g}/\text{m}^3$) (\$63.655(h)(8)(iv))	Annual Average Δc ($\mu\text{g}/\text{m}^3$) (\$63.655(h)(8)(iv))
2026-110	04/10/26	04/24/26	2.88	2.51
2026-111	04/24/26	05/08/26	1.1	2.23
2026-112	05/08/26	05/22/26	1.7	1.94
2026-113	05/22/26	06/05/26	1.3	1.77
2026-114	06/05/26	06/19/26	2.2	1.56
2026-115	06/19/26	07/05/26	1.66	1.50

APPENDIX B: 2ND QUARTER 2026 ANALYTICAL RESULTS

2nd Quarter 2026 Analytical Results
International-Matex Tank Terminals - St. Rose Terminal
Agency Interest Number: 4885

Q2 2026 Sampling Period 1 of 6

Sampling Period ID	Sampler Name	Passive Sampler Type	Sampling Period Benzene Concentration (ug/m3)	Below Method Detection Limit (BDL)
2026-110	SP-01	Regular Monitor	0.51	no
2026-110	SP-02	Regular Monitor	0.6	no
2026-110	SP-03	Regular Monitor	0.54	no
2026-110	SP-04	Regular Monitor	0.56	no
2026-110	SP-05	Regular Monitor	0.54	no
2026-110	SP-06	Regular Monitor	0.4	no
2026-110	SP-07	Regular Monitor	0.45	no
2026-110	SP-08	Regular Monitor	0.47	no
2026-110	SP-09	Regular Monitor	0.42	no
2026-110	SP-10	Regular Monitor	0.54	no
2026-110	SP-11	Regular Monitor	0.61	no
2026-110	SP-12	Regular Monitor	0.83	no
2026-110	SP-13	Regular Monitor	0.84	no
2026-110	SP-14	Regular Monitor	1.1	no
2026-110	SP-15	Regular Monitor	1.5	no
2026-110	SP-16	Regular Monitor	2	no
2026-110	SP-17	Regular Monitor	1.5	no
2026-110	SP-18	Regular Monitor	1.4	no
2026-110	SP-19	Regular Monitor	1.4	no
2026-110	SP-20	Regular Monitor	1.3	no
2026-110	SP-21	Regular Monitor	1.8	no
2026-110	SP-22	Regular Monitor	3.1	no
2026-110	SP-23	Regular Monitor	3.3	no
2026-110	SP-24	Regular Monitor	1.6	no
2026-110	D-01	Regular Monitor	0.61	no
2026-110	FB-01	Field Blank	0.37	yes
2026-110	D-02	Regular Monitor	0.56	no
2026-110	FB-02	Field Blank	0.37	yes

2nd Quarter 2026 Analytical Results
International-Matex Tank Terminals - St. Rose Terminal
Agency Interest Number: 4885

Q2 2026 Sampling Period 2 of 6

Sampling Period ID	Sampler Name	Passive Sampler Type	Sampling Period Benzene Concentration (ug/m3)	Below Method Detection Limit (BDL)
2026-111	SP-01	Regular Monitor	0.37	yes
2026-111	SP-02	Regular Monitor	0.37	yes
2026-111	SP-03	Regular Monitor	0.37	yes
2026-111	SP-04	Regular Monitor	0.37	yes
2026-111	SP-05	Regular Monitor	0.37	yes
2026-111	SP-06	Regular Monitor	0.37	yes
2026-111	SP-07	Regular Monitor	0.37	yes
2026-111	SP-08	Regular Monitor	0.37	yes
2026-111	SP-09	Regular Monitor	0.37	yes
2026-111	SP-10	Regular Monitor	0.39	no
2026-111	SP-11	Regular Monitor	0.37	yes
2026-111	SP-12	Regular Monitor	0.43	no
2026-111	SP-13	Regular Monitor	0.42	no
2026-111	SP-14	Regular Monitor	0.52	no
2026-111	SP-15	Regular Monitor	1.3	no
2026-111	SP-16	Regular Monitor	0.94	no
2026-111	SP-17	Regular Monitor	0.5	no
2026-111	SP-18	Regular Monitor	0.73	no
2026-111	SP-19	Regular Monitor	0.74	no
2026-111	SP-20	Regular Monitor	0.51	no
2026-111	SP-21	Regular Monitor	0.61	no
2026-111	SP-22	Regular Monitor	0.58	no
2026-111	SP-23	Regular Monitor	1.1	no
2026-111	SP-24	Regular Monitor	0.37	yes
2026-111	D-01	Regular Monitor	0.37	yes
2026-111	FB-01	Field Blank	0.76	no
2026-111	D-02	Regular Monitor	0.37	yes
2026-111	FB-02	Field Blank	0.37	yes

2nd Quarter 2026 Analytical Results
International-Matex Tank Terminals - St. Rose Terminal
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Q2 2026 Sampling Period 3 of 6

Sampling Period ID	Sampler Name	Passive Sampler Type	Sampling Period Benzene Concentration (ug/m3)	Below Method Detection Limit (BDL)
2026-112	SP-01	Regular Monitor	0.41	no
2026-112	SP-02	Regular Monitor	0.42	no
2026-112	SP-03	Regular Monitor	0.46	no
2026-112	SP-04	Regular Monitor	0.42	no
2026-112	SP-05	Regular Monitor	0.41	no
2026-112	SP-06	Regular Monitor	0.37	yes
2026-112	SP-07	Regular Monitor	0.37	yes
2026-112	SP-08	Regular Monitor	0.38	no
2026-112	SP-09	Regular Monitor	0.37	yes
2026-112	SP-10	Regular Monitor	0.37	yes
2026-112	SP-11	Regular Monitor	0.44	no
2026-112	SP-12	Regular Monitor	0.52	no
2026-112	SP-13	Regular Monitor	0.59	no
2026-112	SP-14	Regular Monitor	0.77	no
2026-112	SP-15	Regular Monitor	1.2	no
2026-112	SP-16	Regular Monitor	1.7	no
2026-112	SP-17	Regular Monitor	0.87	no
2026-112	SP-18	Regular Monitor	1.2	no
2026-112	SP-19	Regular Monitor	1.1	no
2026-112	SP-20	Regular Monitor	0.52	no
2026-112	SP-21	Regular Monitor	0.49	no
2026-112	SP-22	Regular Monitor	0.68	no
2026-112	SP-23	Regular Monitor	0.52	no
2026-112	SP-24	Regular Monitor	1.3	no
2026-112	D-01	Regular Monitor	0.47	no
2026-112	FB-01	Field Blank	0.37	yes
2026-112	D-02	Regular Monitor	0.37	yes
2026-112	FB-02	Field Blank	0.37	yes

2nd Quarter 2026 Analytical Results
International-Matex Tank Terminals - St. Rose Terminal
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Q2 2026 Sampling Period 4 of 6

Sampling Period ID	Sampler Name	Passive Sampler Type	Sampling Period Benzene Concentration (ug/m3)	Below Method Detection Limit (BDL)
2026-113	SP-01	Regular Monitor	0.42	no
2026-113	SP-02	Regular Monitor	0.42	no
2026-113	SP-03	Regular Monitor	0.38	no
2026-113	SP-04	Regular Monitor	0.48	no
2026-113	SP-05	Regular Monitor	0.41	no
2026-113	SP-06	Regular Monitor	0.37	no
2026-113	SP-07	Regular Monitor	0.37	yes
2026-113	SP-08	Regular Monitor	0.37	yes
2026-113	SP-09	Regular Monitor	0.37	yes
2026-113	SP-10	Regular Monitor	0.37	no
2026-113	SP-11	Regular Monitor	0.4	no
2026-113	SP-12	Regular Monitor	0.67	no
2026-113	SP-13	Regular Monitor	0.6	no
2026-113	SP-14	Regular Monitor	1.1	no
2026-113	SP-15	Regular Monitor	1.1	no
2026-113	SP-16	Regular Monitor	1.2	no
2026-113	SP-17	Regular Monitor	0.68	no
2026-113	SP-18	Regular Monitor	0.65	no
2026-113	SP-19	Regular Monitor	0.68	no
2026-113	SP-20	Regular Monitor	0.5	no
2026-113	SP-21	Regular Monitor	0.54	no
2026-113	SP-22	Regular Monitor	0.58	no
2026-113	SP-23	Regular Monitor	0.49	no
2026-113	SP-24	Regular Monitor	1.3	no
2026-113	D-01	Regular Monitor	0.44	no
2026-113	FB-01	Field Blank	0.37	yes
2026-113	D-02	Regular Monitor	0.37	yes
2026-113	FB-02	Field Blank	0.37	no

2nd Quarter 2026 Analytical Results
International-Matex Tank Terminals - St. Rose Terminal
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Q2 2026 Sampling Period 5 of 6

Sampling Period ID	Sampler Name	Passive Sampler Type	Sampling Period Benzene Concentration (ug/m3)	Below Method Detection Limit (BDL)
2026-114	SP-01	Regular Monitor	0.53	no
2026-114	SP-02	Regular Monitor	0.42	no
2026-114	SP-03	Regular Monitor	0.52	no
2026-114	SP-04	Regular Monitor	0.44	no
2026-114	SP-05	Regular Monitor	0.5	no
2026-114	SP-06	Regular Monitor	0.38	no
2026-114	SP-07	Regular Monitor	n/a	no
2026-114	SP-08	Regular Monitor	0.38	no
2026-114	SP-09	Regular Monitor	0.42	no
2026-114	SP-10	Regular Monitor	0.37	yes
2026-114	SP-11	Regular Monitor	0.56	no
2026-114	SP-12	Regular Monitor	0.64	no
2026-114	SP-13	Regular Monitor	0.5	no
2026-114	SP-14	Regular Monitor	n/a	no
2026-114	SP-15	Regular Monitor	1.9	no
2026-114	SP-16	Regular Monitor	2.2	no
2026-114	SP-17	Regular Monitor	0.66	no
2026-114	SP-18	Regular Monitor	0.7	no
2026-114	SP-19	Regular Monitor	0.99	no
2026-114	SP-20	Regular Monitor	0.73	no
2026-114	SP-21	Regular Monitor	0.66	no
2026-114	SP-22	Regular Monitor	0.57	no
2026-114	SP-23	Regular Monitor	0.64	no
2026-114	SP-24	Regular Monitor	1.2	no
2026-114	D-01	Regular Monitor	0.5	no
2026-114	FB-01	Field Blank	0.37	no
2026-114	D-02	Regular Monitor	0.37	yes
2026-114	FB-02	Field Blank	0.37	yes

2nd Quarter 2026 Analytical Results
International-Matex Tank Terminals - St. Rose Terminal
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Q2 2026 Sampling Period 6 of 6

Sampling Period ID	Sampler Name	Passive Sampler Type	Sampling Period Benzene Concentration (ug/m3)	Below Method Detection Limit (BDL)
2026-115	SP-01	Regular Monitor	0.52	no
2026-115	SP-02	Regular Monitor	0.44	no
2026-115	SP-03	Regular Monitor	0.5	no
2026-115	SP-04	Regular Monitor	0.46	no
2026-115	SP-05	Regular Monitor	0.5	no
2026-115	SP-06	Regular Monitor	0.38	no
2026-115	SP-07	Regular Monitor	n/a	no
2026-115	SP-08	Regular Monitor	0.42	no
2026-115	SP-09	Regular Monitor	0.41	no
2026-115	SP-10	Regular Monitor	0.35	no
2026-115	SP-11	Regular Monitor	0.34	no
2026-115	SP-12	Regular Monitor	0.39	no
2026-115	SP-13	Regular Monitor	0.43	no
2026-115	SP-14	Regular Monitor	n/a	no
2026-115	SP-15	Regular Monitor	2	no
2026-115	SP-16	Regular Monitor	1.5	no
2026-115	SP-17	Regular Monitor	0.59	no
2026-115	SP-18	Regular Monitor	0.71	no
2026-115	SP-19	Regular Monitor	0.7	no
2026-115	SP-20	Regular Monitor	0.51	no
2026-115	SP-21	Regular Monitor	0.53	no
2026-115	SP-22	Regular Monitor	0.76	no
2026-115	SP-23	Regular Monitor	0.84	no
2026-115	SP-24	Regular Monitor	1.6	no
2026-115	D-01	Regular Monitor	0.54	no
2026-115	FB-01	Field Blank	0.33	yes
2026-115	D-02	Regular Monitor	0.46	no
2026-115	FB-02	Field Blank	0.33	yes

APPENDIX C: FENCELINE MONITORING STATION PHOTOLOG

Fenceline Monitoring Station Photolog
International-Matex Tank Terminals – St. Rose Terminal
11842 River Road
St. Rose, Louisiana, 70087
Ensolum Project No. 11A1616002

Photograph 1

View of Fenceline Monitor Station #1
at 29.94328° N, 90.32533° W
Taken on 4/10/26



Photograph 2

View of Fenceline Monitor Station #2
at 29.94114° N, 90.32534° W
Taken on 4/10/26



Fenceline Monitoring Station Photolog
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Photograph 3

View of Fenceline Monitor Station #3
at 29.93942° N, 90.32687° W
Taken on 4/10/26



Photograph 4

View of Fenceline Monitor Station #4
at 29.93863° N, 90.32687° W
Taken on 4/10/26



Fenceline Monitoring Station Photolog
International-Matex Tank Terminals – St. Rose Terminal
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Photograph 5

View of Fenceline Monitor Station #5
at 29.93808° N, 90.33193° W
Taken on 4/10/26



Photograph 6

View of Fenceline Monitor Station #6
at 29.93798° N, 90.33518° W
Taken on 4/10/26



Fenceline Monitoring Station Photolog
International-Matex Tank Terminals – St. Rose Terminal
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Photograph 7

View of Fenceline Monitor Station #7
at 29.94102° N, 90.33594° W
Taken on 4/10/26



Photograph 8

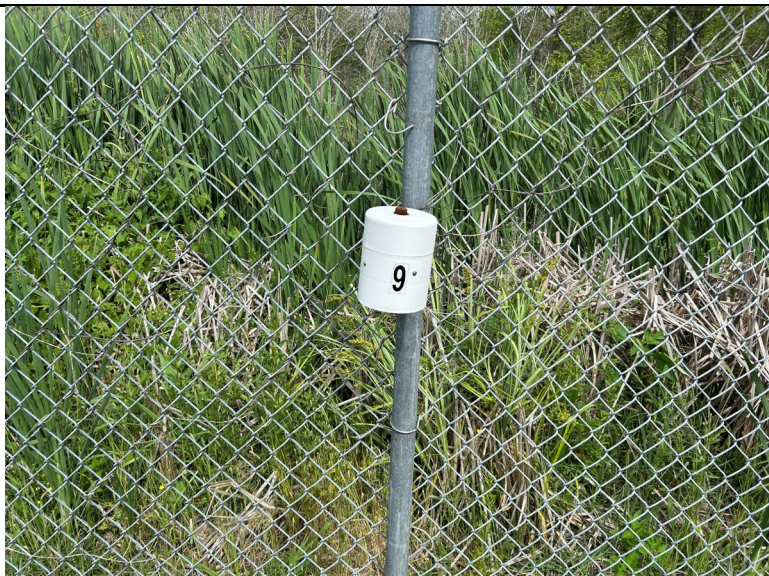
View of Fenceline Monitor Station #8
at 29.94317° N, 90.33624° W
Taken on 4/10/26



Fenceline Monitoring Station Photolog
International-Matex Tank Terminals – St. Rose Terminal
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Photograph 9

View of Fenceline Monitor Station #9
Taken on 4/10/26



Photograph 10

View of Fenceline Monitor Station #10
Taken on 4/10/26



Fenceline Monitoring Station Photolog
International-Matex Tank Terminals – St. Rose Terminal
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Photograph 11

View of Fenceline Monitor Station #11
Taken on 4/10/26



Photograph 12

View of Fenceline Monitor Station #12
Taken on 4/10/26



Fenceline Monitoring Station Photolog
International-Matex Tank Terminals – St. Rose Terminal
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Photograph 13

View of Fenceline Monitor Station #13
Taken on 4/10/26



Photograph 14

View of Fenceline Monitor Station #14
Taken on 4/10/26

Extensive shelter damage observed 7/5/26
Shelter replaced on 7/19/26



Fenceline Monitoring Station Photolog
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Photograph 15

View of Fenceline Monitor Station #15
Taken on 4/10/26



Photograph 16

View of Fenceline Monitor Station #16
Taken on 4/10/26



Fenceline Monitoring Station Photolog
International-Matex Tank Terminals – St. Rose Terminal
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St. Rose, Louisiana, 70087
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Photograph 17

View of Fenceline Monitor Station #17
Taken on 4/10/26



Photograph 18

View of Fenceline Monitor Station #18
Taken on 4/10/26



Fenceline Monitoring Station Photolog
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St. Rose, Louisiana, 70087
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Photograph 19

View of Fenceline Monitor Station #19
Taken on 4/10/26



Photograph 20

View of Fenceline Monitor Station #20
Taken on 4/10/26



Fenceline Monitoring Station Photolog
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St. Rose, Louisiana, 70087
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Photograph 21

View of Fenceline Monitor Station #21
Taken on 4/10/26



Photograph 22

View of Fenceline Monitor Station #22
Taken on 4/10/26



Fenceline Monitoring Station Photolog
International-Matex Tank Terminals – St. Rose Terminal
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Photograph 23

View of Fenceline Monitor Station #23
Taken on 4/10/26



Photograph 24

View of Fenceline Monitor Station #24
Taken on 4/10/26

