

POST

# Inside fencelines . . .

April 17, 2021

New level of facility environmental detail

Unprecedented access ...



Inside fencelines ...

Facility Detail Level (current)

Show Popups

Air Search

Facility  Keyword

Bounding Box

Keyword

exxon baytown

EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT

EXXONMOBIL CHEMICAL BAYTOWN CHEMICAL PLANT

EXXON MOBIL BAYTOWN REFINERY

DOW TEXAS OPERATIONS FREEPORT

BRISCOE CATARINA WEST CFI D

6514 records

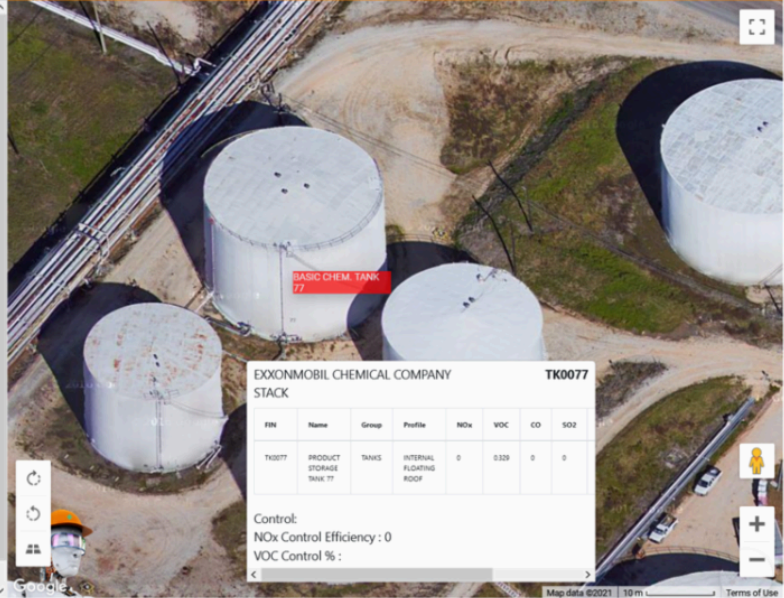
EXXON MOBIL BAYTOWN REFINERY  
RN102579307

Documents(50) Permits(87) Emission Events(493)

Deviations(130)

Total events: 493 (since 2004)  
Total released: 16164648.45 lbs

Date	Duration	Cause	Total
2020-07-27	16 hours, 59 minutes	Unplanned Hydrocracking Unit 1 (HCU-1) shutdown	2
2020-04-27	1 hours, 25 minutes	Tubing leak on Hydrodesulfurization Unit 1 (HDU-1) Feed	4
2020-04-05	241 hours, 55 minutes	EVENT IS BEING RETRACTED AS NON-REPORTABLE. Leak on	7
2020-03-25	6 hours, 39 minutes	Hydrofining Unit 5B hydrogen knockout drum (D-514) control	3
2020-02-13	4 hours, 39 minutes	The loss of third-party supplied combustion air to FCCU-2	31
2020-02-03	12 hours, 6 minutes	The Pipestill 8 (PS-8) Stripper (T-802) overhead safety valve	7



Terms and Conditions

Need help?

and now look! . . .beta



The screenshot displays the EnviroAI web application interface. At the top, there is a search bar with the text "e.g. flares, net heating value, RN101914042" and navigation buttons for "Store", "Contact", and "About". Below the search bar, there are filters for "Show Popups" and "Air Search". The main content area is divided into two sections: a left sidebar with facility selection buttons and a main panel showing data for "EXXON MOBIL BAYTOWN REFINERY".

The main panel displays the following information:

- EXXON MOBIL BAYTOWN REFINERY
- RN102579307
- Documents(50) Permits(87) Emission Events(493)
- Deviations(130)
- Total events: 493 (since 2004)
- Total released: 16164648.45 lbs

A table lists several events with the following columns: Date, Duration, Cause, and Total. The events are as follows:

Date	Duration	Cause	Total
2020-07-27	16 hours, 59 minutes	Unplanned Hydrocracking Unit 1 (HCU-1) shutdown	2
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On the right side of the interface, there is a detailed view for "Product Storage Tank 77" (EXXONMOBIL CHEMICAL COMPANY, TK0077). This view includes a table with columns: FIN, Name, Group, Profile, Ni/c, VOC, CO, SO2. The data row shows: TK0077, PRODUCT STORAGE TANK 77, TANKS, INTERNAL FLOATING ROOF, 0, 0.029, 0, 0. Below this table are several colored buttons for navigation: Equipment Details, Permit Conditions, Agency Docs, Controls, Regulatory Requirements, Modifications, Upsets, and Deviations.

Environmental data analyzed and presented like no one has ever seen before.

Helping industry.

Helping the environment.

That's EnviroAI.





# EnviroAI<sup>TM</sup>

Environmental Intelligence

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Markdown source: <https://jedanderson.org/posts/inside-fencelines.md> (<https://jedanderson.org/posts/inside-fencelines.md>).

Source on GitHub: [/src/content/posts/inside-fencelines.md](https://github.com/jedanderson432/jedanderson-site/blob/main/src/content/posts/inside-fencelines.md) (<https://github.com/jedanderson432/jedanderson-site/blob/main/src/content/posts/inside-fencelines.md>).