

WHY LA NEEDS REAL-TIME FENCELINE MONITORING

27 MOST SERIOUS CHEMICAL RELEASES (2020 – 2023)

12 CASE EXAMPLES

Marathon 96-Hr Naptha Fire 08/25/23 (Reserve, LA)
3,900 Residents (2 schools) Evacuated 3 Hrs After Fire Starts



Axiall Westlake, Lake Charles 105-Minute Vinyl Chloride Leak, 12/14/21 17,500 Residents, Students at 3 Schools within 3 Miles Likely Exposed



Equipment leak caused 105-minute release of 14,800 lbs of Vinyl Chloride (3 x annual emissions.) Axiall and nearby Sasol workers ordered to Shelter-In-Place. Axiall, LDEQ Responder provided NO INFO to local schools, residents, or public.

BioLab Westlake Fire, 50-Hr Chlorine Leak & Fire, 08/27/2020

>36,000 Residents ordered to Shelter in Place (28 Hrs)



450,000 lbs (22 x annual emissions) chlorine released. EPA detected chlorine in 9 neighborhoods, 2 violated regulation limits.

International-Matex Tank Terminals, 8-Hr Crude Oil Tank Fire, 4/3/2023

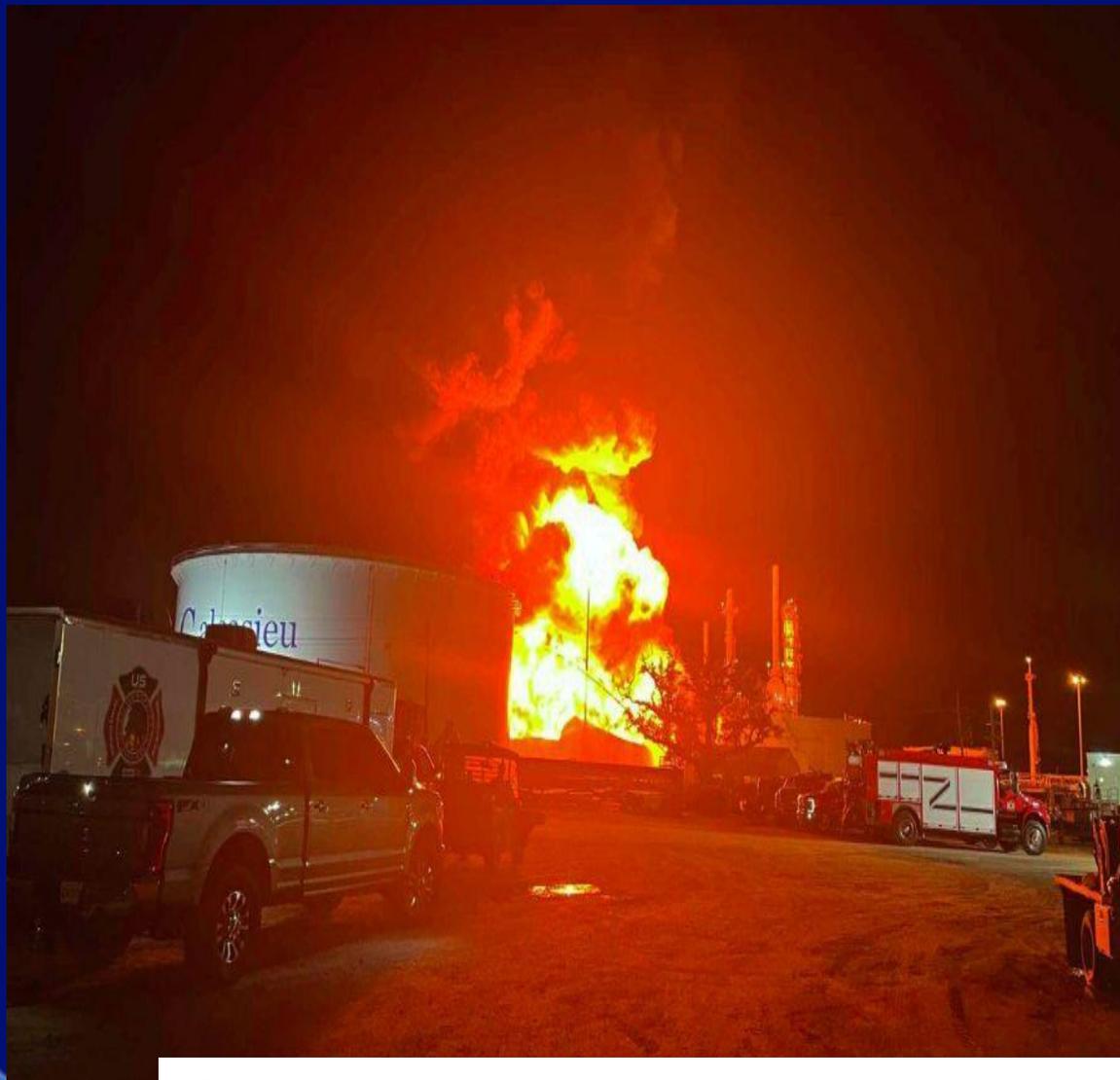
Two Workers Air Evacuated to Hospital, Pollutants Released Not Reported



04/29/24 Final Incident Investigation Report did not identify pollutants/estimated quantities released.

Calcasieu Refining, 14-Hr Naptha Tank Fire 06/03/2023

>12,100 Evacuated, >33,000 Sheltered in Place (13 hours)



Lightening strike caused 13-hr release of 10,250 lbs of benzene (50% of annual emissions.)

BioLab Westlake 3-Hr Chlorine Leak 03/22/2023

> 10,000 Residents Sheltered in Place



9:20am process upset released 817lbs of chlorine, 247lbs ammonia in 3 hrs. BioLab waited >24 hrs to report.

Dow Chemical, 36-Hr Ethylene Oxide Explosion & Fire (07/15/2023)

> 900 Residents Sheltered-In-Place (8 hrs)



Dramatic footage emerged of a large mushrooming plume of smoke and flames engulfing the plant could be seen from afar in the night sky

>31,500 lbs EtO (10 x annual emissions) released in 36 hrs. Incident still under investigation 08/01/24.

Sasol Westlake Explosion, 2-Hr Fire (10/15/2022)

Office of Homeland Security Ordered >1700 Residents to Shelter-In-Place



TOP STORY

SASOL PLANT FIRE
WESTLAKE

17,596 lbs Aluminum Triethyl (ATE), a napalm alternative, released in 2 hrs.

CF Industries, Donaldsonville, 5-Hr Ammonia leak 12/01/2022

> 400 Students Evacuated



6,400 lbs Ammonia released in 5 hrs. Ammonia detected at fenceline. Incident still under investigation 08/01/24.

Valero Refining - Meraux Refinery Explosion and 26-Hr Fire 04/23/2022

8 Workers Hospitalized



>600 lbs VOCs and >6,800 lbs PM_{2.5} released. Investigation found the incident was preventable.

Westlake Chemical Polymers, Explosion & 2-Hr Fire 01/27/2022
5 Workers Hospitalized, 7,000 Sulphur & Westlake Students Sheltered-In-Place



>103,000 lbs (2.5 x annual emissions) Hydrochloric Acid released in 2 hrs.

Olin Chemical Iberville 34.5-Hr Chlorine Leak & Fire 4/18/2022 *6,400 Residents Sheltered in Place Only 3 of 34.5 Hrs, 39 Hospitalized*



12am Olin falsely reported "All conc < Action Level". Peak conc at 12:45am. Olin paid LDEQ \$600,000 Settlement fine Sept. '23.