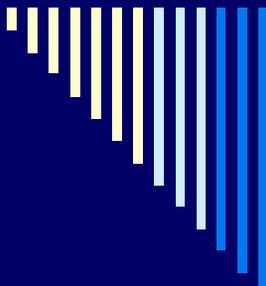


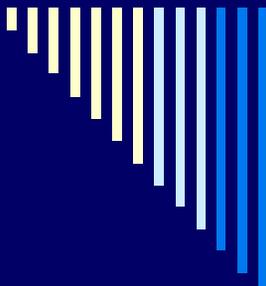
Landfill Gas Why The Regs?

35+ Years of History



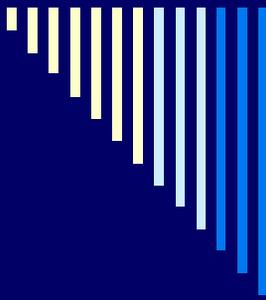
California Issues Leading to The Early Development of LFG control procedures

- In 1965 a young boy playing in a cave he had dug in his backyard was burned in a flash fire when he attempted to light a candle.
 - In 1965, the LACSD received a complaint about roses dying at a neighboring residence near the Palos Verdes Landfill.
-



History 1969-1987

- 1969: Methane gas migrates from a dump
 - 1975: Landfill gas accumulates in a storm drain pipe
 - 1983: An explosion destroys a house
 - 1984: Landfill gas migrates to and destroys a house
 - 1987: A house explodes
-



Landfill Gas Explosions

□ A Story: No one Told the Residents

Hardy Road Landfill 1984 (Ohio)

House Explosion (Henry Residence) (Hardy Road)



Checking Surface levels of Methane



Ohio Homes Condemned by Gas Bring a Fight Over Compensation

New York Times Nov. 11, 1984

- It took 4 min. for the fire dept. to respond
- Source was Landfill Garbage
- 10 were evacuated
- 11 Law Suits Filed
- The City Refused to Settle
- Result

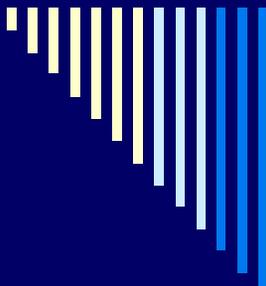




ROAD CLOSED

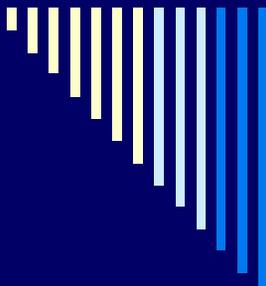
EXPLOSIVE AREA
NO TRESPASSING

BY LOCAL ORDER



History 1990's

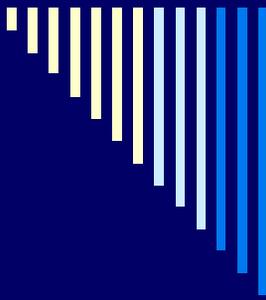
- 1993 a trailer was ordered evacuated
 - 1994 : A woman playing soccer is burnt
 - 1998 a gentlemen's club is threatened
 - 1998 Commission buys home
 - 1999 An 8-year-old girl is burned
-



Perry County Missouri

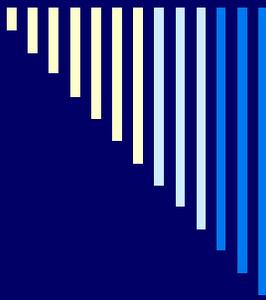
□ [Perry Landfill Movie](#)





History 2000

- 2000 Los Angeles landfill is under Balloon Fiesta Park's RV parking lot.
 - 2000 Home explodes in Rochester, MI when ignited by pilot light
 - 2001 Home near Stanley, VA Landfill had methane monitors indicate gas in crawl space under house.
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Conclusion

- People need to be protected
 - Development is the driver
 - Government Agencies need to take a proactive approach
-