



**2025 ECOS SPRING MEETING:
UNITED STATES & PARTNERS FOR
ENVIRONMENTAL PROGRESS**

***LESSONS LEARNED IN DISASTER
PREPAREDNESS & RESPONSE***

PRESENTED BY: JOHN MAGEE, VLS ENVIRONMENTAL SOLUTIONS

DATE: MARCH 25, 2025



WASTE SEQUESTRATION

TEXAS MOLECULAR LOCATIONS

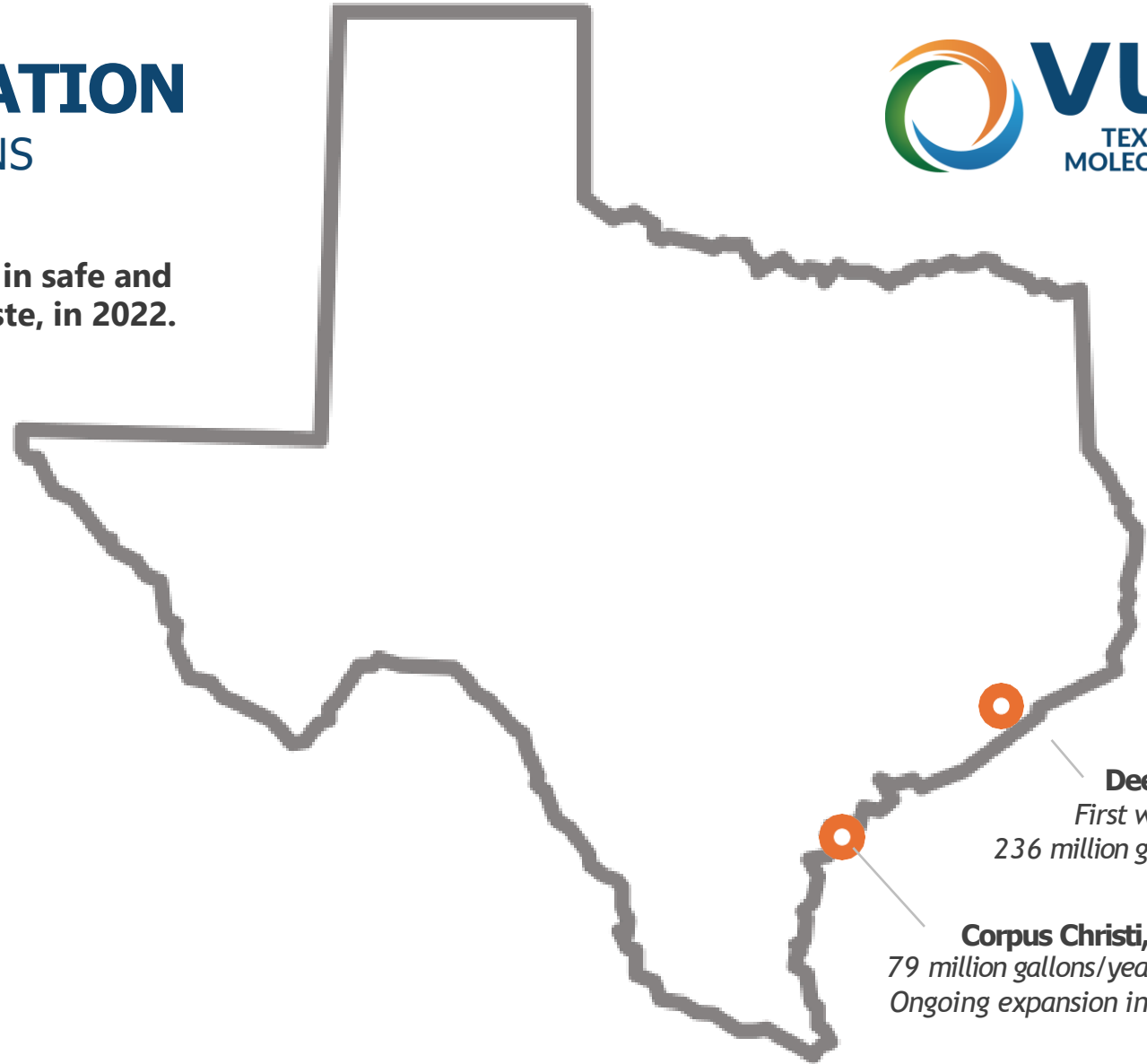


VLS acquired Texas Molecular, an industry leader in safe and environmentally responsible disposal of PFAS waste, in 2022.

2
SITES

42
YEARS OF OPERATION

1.25 BILLION +
POUNDS OF PFAS WASTE
HANDLED SINCE 2017



Deer Park, TX
*First well built 1981
236 million gallons/year capacity*

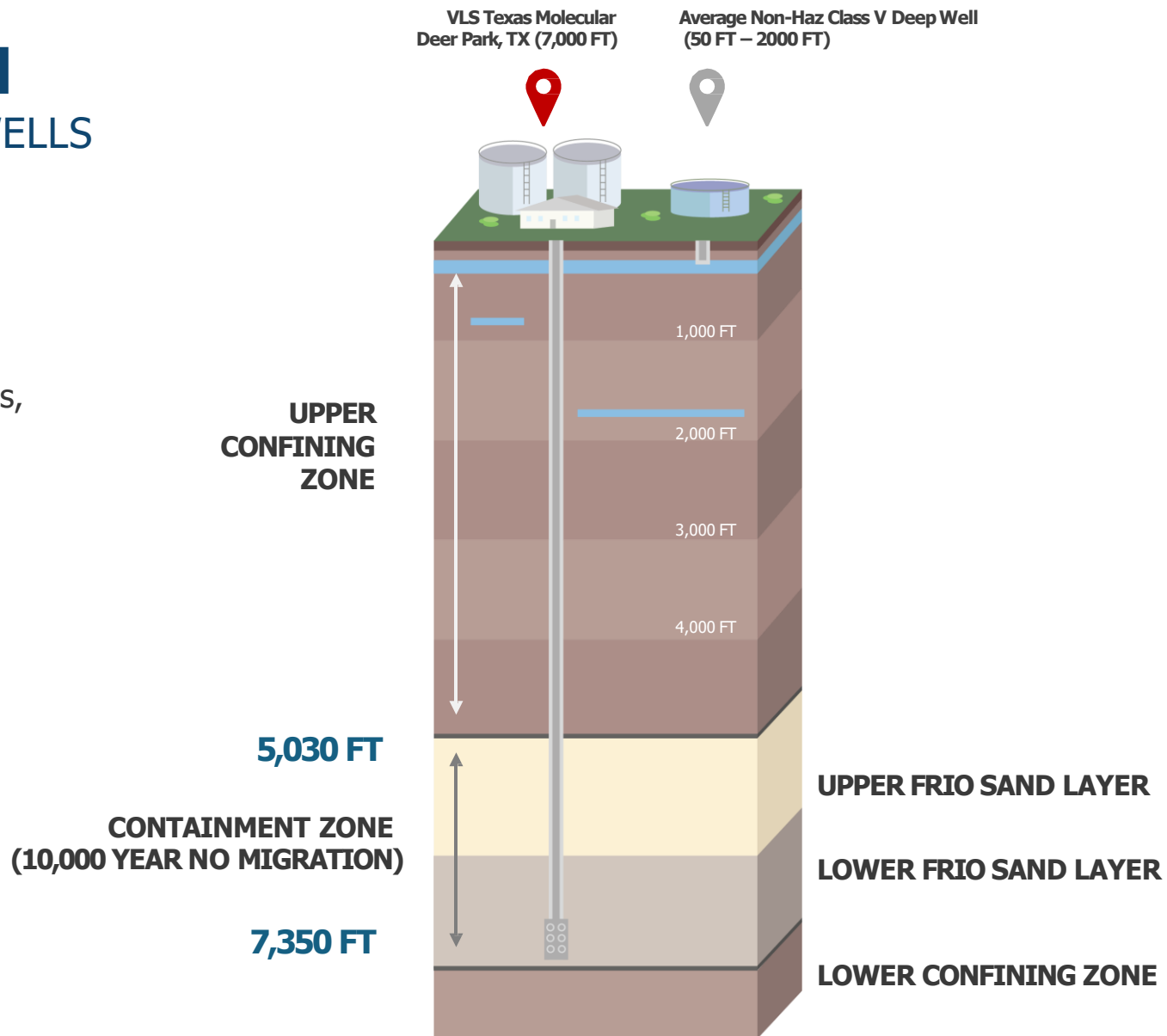
Corpus Christi, TX
*79 million gallons/year capacity
Ongoing expansion investment*



WELL DEPTH COMPARISON

VLS TEXAS MOLECULAR VS TRADITIONAL WELLS

- VLS operates four Class I Hazardous Waste injection wells, each site with a **10,000 Year No Migration Petition**.
- Waste is contained within injection zone by layer of nonpermeable rock (confining zone) and must be in a geologically-stable area with no fractured bedrock.





UNDERGROUND INJECTION

AT A GLANCE



2023 OHIO TRAIN DERAILMENT CASE STUDY

In 2023, a catastrophic train derailment in Ohio spilled millions of gallons of toxic chemicals, requiring a specialized environmental cleanup.

As one of the few U.S. facilities equipped to handle this scale of contamination, VLS played a critical role:

- **Managed 33 million gallons of PFAS waste** with RCRA Listed Codes, transporting via 4,000 truckloads and 500 railcars.
- **Coordinated intermodal logistics**, transloading waste from rail to truck at VLS facilities



VLS TEXAS MOLECULAR:

THE LEADING HAZARDOUS LIQUID WASTE DISPOSAL PROVIDER IN AMERICA



UNMATCHED PFAS EXPERTISE

Handled more PFAS than any other location in America.



PROVEN SAFETY RECORD

Zero Accidents, Zero Spills, and Zero Impacts to the environment.



REGULATORY EXCELLENCE

EPA-permitted, capable of managing a wide range of constituents with no impact on surface waters, no air emissions, and no byproducts of incomplete combustion.

THANK YOU

