



WALLY WISE GUY

The Deer Park LEPC is a cooperative partnership between community, government, emergency response agencies, businesses, and industry striving to promote and maintain public health and safety by preparing for hazardous materials-related incidents as part of a comprehensive community program. Our goal is to protect citizens and the environment by providing hazard awareness education, training exercises, emergency response plans and an emergency notification system.

DEER PARK LOCAL EMERGENCY PLANNING COMMITTEE AGENDA

A meeting of the Deer Park Local Emergency Planning Committee is to be held at the Deer Park City Hall, 710 E. San Augustine, Deer Park, Texas on November 26, 2024, beginning at 11:00 a.m. to discuss the following business:

PLEDGE OF ALLEGIANCE

INTRODUCTIONS

COMPANY OVERVIEW

- Texas Molecular

PRESENTATION

- Harris County Hazmat

PUBLIC COMMENTS

- On LEPC Mission/Function (3-minute time limit)

APPROVALS

- Consideration and approval of minutes from the October 22, 2024 meeting
- Consideration and approval of the monthly financial report

COMMITTEE REPORTS

- Executive Committee
 - Election of Officers
- Communications
 - 2025 Company Overview Sign-Up
 - Review any Level 2 and Level 3 incidents
- Community Awareness
 - 2025 Volunteer Opportunities
 - 2025 Calendar Update
- Emergency Response/Transportation
 - Drill

OPEN FOR NEW BUSINESS

- Employee counts email will be sent out in December. Please be on the lookout and respond promptly so the contribution invoices can be emailed in January 2025.

NEXT MEETING

- No meeting in December. Happy Thanksgiving, Merry Christmas and Happy New Year.
- Meetings in 2025 Jan. 28, Feb. 25, Mar. 25, Apr. 22, May 27, Jun. 24, Aug. 26, Sept. 23, Oct. 28, and Nov. 25, 2025

ADJOURN



Angela Smith, TRMC, CMC, Treasurer/Board Secretary



Council Chambers
710 E. San Augustine
Deer Park, TX 77536

**Deer Park LEPC Meeting Minutes
November 25, 2024**

CALL TO ORDER/PLEDGE OF ALLEGIANCE

Chairman James Stokes called the meeting to order at 11:00 a.m. and led members in the Pledge of Allegiance to the United States and Texas flags.

INTRODUCTIONS

Cecil Fowler, Ken Cole, and Toine Van Moorsel from Saybolt, LP, Mitchell Weston Chief Investigator from the Harris County Fire Marshal's Office, and Warren Zehner and Anish Patel from the (US EPA) US Environmental Protection Agency introduced themselves as first time visitors.

COMPANY OVERVIEW

Christina Perez, the Environmental, Health, and Safety (EHS) Director of Waste Services gave a company overview for VLS Texas Molecular. VLS Texas Molecular, located at 2525 Independence Parkway S, Deer Park, Texas 77536. VLS Texas Molecular specializes in the treatment and disposal of Aqueous Hazardous and Non-Hazardous Wastes and wastewater. December 2022 VLS Environmental Solutions, a Houston-based environmental services company, acquired Texas Molecular, expanding their capabilities in wastewater treatment and disposal services. VLS Texas Molecular utilizes deep well injection technology, a proven and environmentally safe method for disposing of hazardous and non-hazardous liquid wastes. This process isolates waste far below usable groundwater levels, preventing contamination of drinking water sources and the environment. VLS Texas Molecular employees play a critical role in ensuring the safe and efficient management of hazardous and non-hazardous waste. VLS Texas Molecular employees participate in ongoing education and training programs to stay updated with the latest technologies and regulations. VLS Texas Molecular employees actively participate in community initiatives, including volunteer work and environmental projects. Their commitment to safety and sustainability extends beyond the workplace.

PRESENTATION

Deputy Chief Richard Lawhorn of the Harris County Fire Marshal's (HCFMO) office gave a presentation. The HCFMO plays a critical role in ensuring the safety of Harris County residents and businesses. It has become a model for fire marshal offices across the country due to its comprehensive approach to fire safety, code enforcement, and hazardous materials management. The Harris County Fire Marshal's Office (HCFMO) has a rich history that dates back to its founding in 1974, when it was established to serve the growing population and industrial infrastructure of Harris County. Over the years, the HCFMO has evolved into a multifaceted agency responsible for fire prevention, public safety, code enforcement, and emergency response, including hazardous materials incidents. The Harris County Fire Marshal's Office (HCFMO) Hazmat team is responsible for hazardous materials response and ensuring public safety related to chemical, biological, radiological, and nuclear threats within Harris County. The team provides a variety of services, including: Emergency Response, Inspections and

Permitting, Training and Education, Environmental Protection, and Incident Investigations. The HCFMO places a strong emphasis on pre-incident planning and programs like the Knox-Box Program to enhance fire safety, streamline emergency responses, and minimize potential risks. These initiatives focus on preparedness, communication, and access during emergencies.

PUBLIC COMMENTS ON LEPC MISSION/FUNCTION (3-MINUTE TIME LIMIT)

No comments.

MINUTES

George Tullgren made a motion and Bryan Moody seconded to accept the minutes for October 22, 2024, as presented. The motion carried unanimously.

FINANCIAL REPORT

Sara Costlow made a motion and Jaime Galloway seconded to accept the financial report as presented. The motion carried unanimously.

COMMITTEE REPORTS

Executive Committee: Chairman James Stokes, announced Nominations and Elections of Officers for the LEPC Executive Committee's next 2-year term is now open. Mr. Stokes also informed everyone the current Executive Committee James Stokes, Kevin Machemehl, Angela Smith, Jamie Galloway, Christina Perez, and Robert Campise have agreed to serve another term. Mr. Stokes opened the floor for any nominations, but with no response, he asked if there was a motion to approve the current officers to resume as the Executive Committee for the new 2-year term. Sara Costlow made a motion to keep the officers the same with a second by Bryan Moody. Motion passed unanimously.

Communications Committee Chairman, Jamie Galloway:

Company Overviews: Mr. Galloway stated that in the agenda packet there is information on how to sign up for presentations for 2025. Please contact Monica Chavez at mchavez@deerparktx.org or Jamie Galloway at jgalloway@deerparktx.org so you can be added to the list.

Level 2 and Level 3 Incidents: One level 3 occurred on October 24, 2024 which was reported by Pemex but it was not their incident, there was sheen in the water down by their slip. Currently unsure who the sheen belongs to.

Community Awareness Chairman, Christina Perez:

2025 Volunteer Opportunities: Ms. Perez announced all of the volunteer dates are now available and the sign-up sheet is going around.

2025 Calendar: Ms. Perez stated that today is the last day for adjustments and approval for your company's calendar page, so it can be completed and sent out in December.

Emergency Response/Transportation Chairman, Robert Campise:

Drill: Mr. Campise stated on October 31, 2024, C.I.M.A. All Zones Drill occurred and five C.I.M.A. member facilities hosted incidents and within the drill a joint drill between DPISD, City of Deer Park's EOC and GEO Specialties Chemicals also occurred. On November 14, 2024, an after-action meeting was held. During the drill GEO Specialty Chemical, and a neighboring warehouse have established a relationship and began a conversation regarding action plans.

NEW BUSINESS

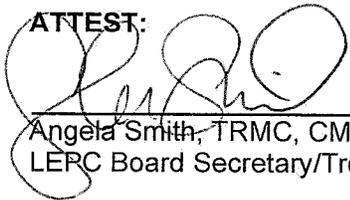
Full member companies please turn in your employee counts for contribution invoices for 2025 to Angela Smith, and please make sure your contact information is update for a timely response.

NEXT MEETING

No meeting in December. The next meeting is scheduled for January 28, 2025. The remaining meeting dates for 2025 are listed on the agenda. Have a safe and happy holiday. See you all next year.

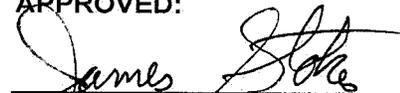
The meeting adjourned at 11:40 a.m.

ATTEST:



Angela Smith, TRMC, CMC
LEPC Board Secretary/Treasurer

APPROVED:



James Stokes
Chairman

Deer Park LEPC Briefing

TM Deer Park Services LLC
(Texas Molecular)
November 26, 2024



www.texasmolecular.com

Site Overview

- **History**

- » Originally a transportation terminal
- » First injection well built in 1981
- » Now a hazardous waste injection facility for over 40 years
- » Recently acquired by VLS Environmental Solutions



www.texasmolecular.com

Site Overview



- **Location**

- » 2525 Independence Parkway S
- » Just North of Tidal Road
- » Located South and East of Vopak, and North of ITC

- **10.6 acres**

- **Emergency Operations Center**

- » 4400 TX-225, Suite 250
Deer Park, TX 77536



www.texasmolecular.com

What We Do

- **Underground Injection of Aqueous Hazardous and Non-Hazardous Wastes**

- » Provide safe, reliable, sustainable, and available service
- » 24/7 operation and service
- » Provide value to clients
 - Environmental
 - Cost efficiency
- » Reduce risk to all stakeholders



- **We are a “utility” for our customers:**

- » Governmental
 - Army Demilitarization Projects
 - Superfund waters
 - Municipal facilities
- » Industrial
 - Chemical Manufacturers
 - Petrochemical Industry
 - Refineries
 - Landfills
 - Galvanizers
 - Platers



www.texasmolecular.com

What We Do



- **Types of aqueous wastes we manage:**
 - » Acids
 - » Bases
 - » Flammables
 - » Cyanide and Sulfide bearing
 - » Landfill leachate
 - » Heavy metal contaminated water
 - » High-solid content liquids
 - » Emulsions



www.texasmolecular.com

Facility Features

- **3 Injection Wells**
- **2 Laboratories**
 - » Pre-acceptance review
 - » Shipment verification
- **6 Unloading Areas/Pads**
- **40 Storage Tanks**
 - » 4.5k – 100k capacity
 - » 1.8 million gallons of total capacity
 - » Segregated by:
 - Compatibility
 - Handling requirements
 - » Nitrogen Blanketed
- **5 Permitted Container Storage Areas**
- **7 Plate and Frame Filters**
- **Numerous bag/cartridge filter pots**



www.texasmolecular.com

Facility Features

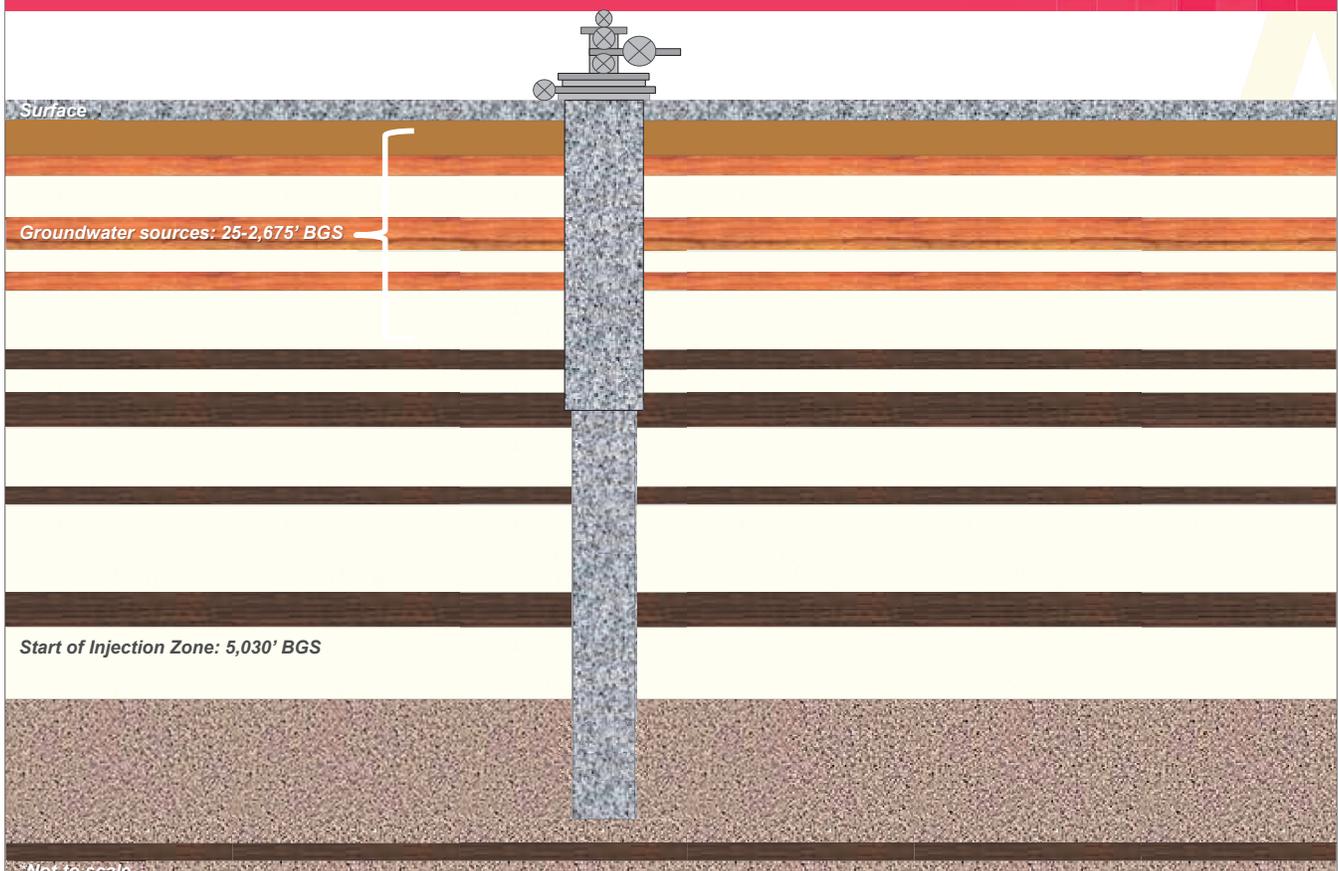


- **Total Enclosure**
 - » 2 Tank (at grade)
 - » Subpart CC
- **Fully Functional Maintenance Shop/Department**
- **Air Emissions Control Device - Thermal Oxidizer with back-up flare**
- **Distributed Control System (DCS) for operation of:**
 - » Vehicle Unloading
 - » Tank to Tank Transfers
 - » Filtration
 - » Injection
 - » Control Devices
- **2 Back-Up Generators**
- **Outfall Valve**

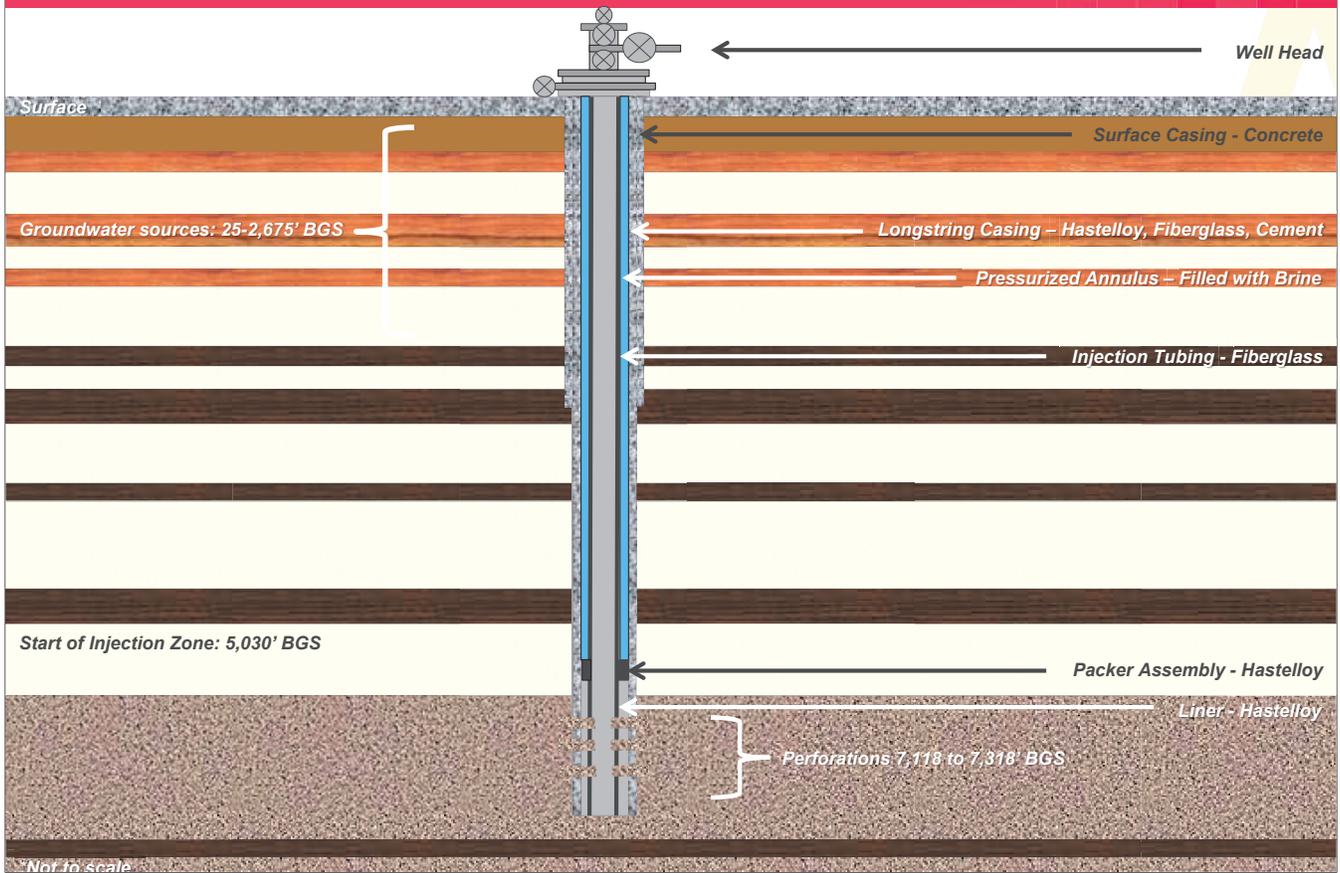


www.texasmolecular.com

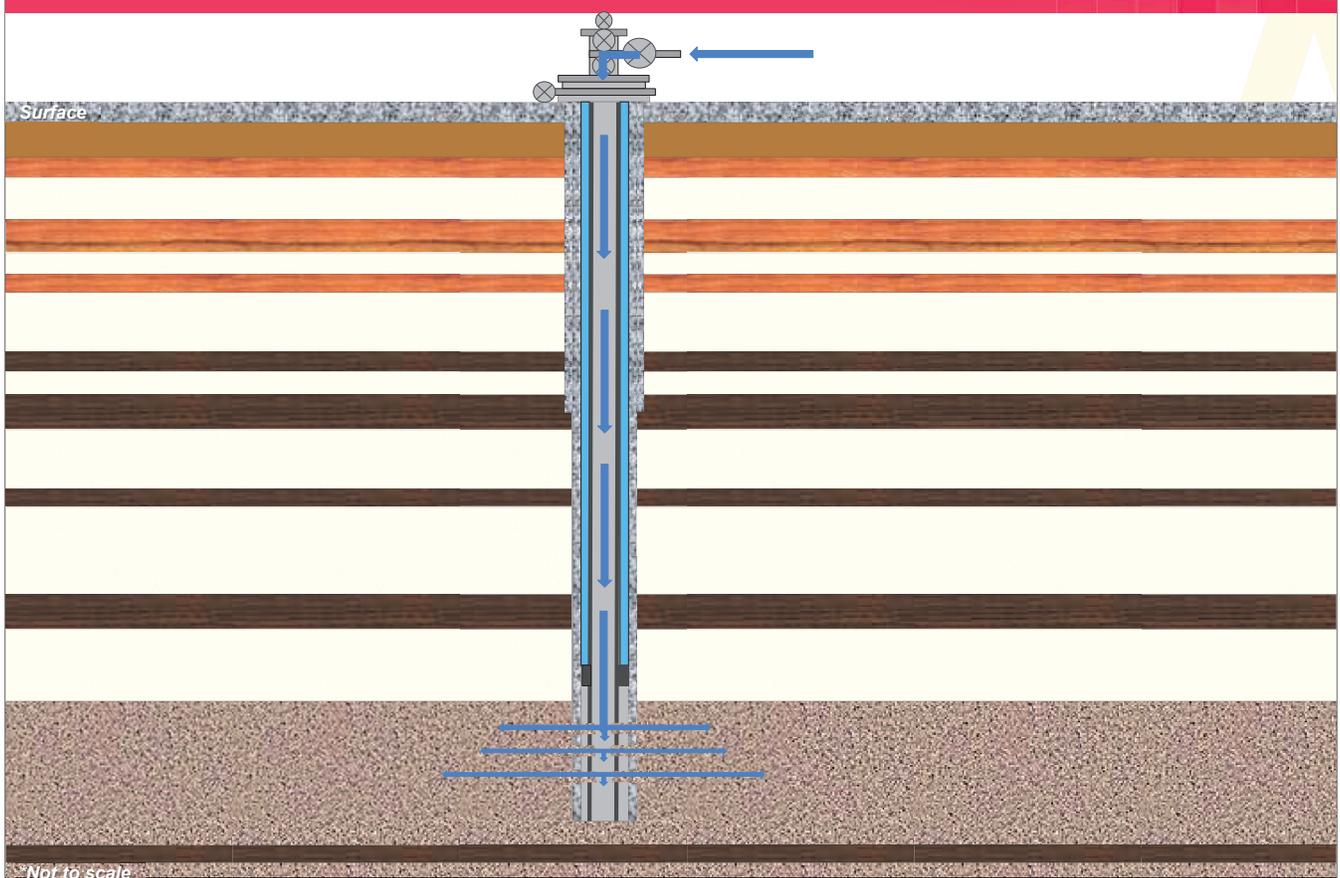
Underground Injection



Underground Injection



Underground Injection



Underground Injection

- **Environmental Benefits**
 - » No Discharges to Surface Water
 - » No Groundwater Contamination
 - » Low Air Emissions (CO₂, NO_x, SO_x, HAPs, VOCs)
- **Value to Industry**
 - » Reduces risk and environmental impact
 - » Easily manage changes in manufacturing processes
 - » Reduces costs
 - » Helps small businesses to easily manage problematic wastes



www.texasmolecular.com

Employees

- **38 Total Employees**
 - » 5 – 28 Onsite
 - » Minimum of 4 ERT Members
 - » 20 Support Staff Offsite
- **Training**
 - » Industrial Fire Brigade
 - » NIMS/ICS
 - » HAZWOPER
 - » DOT HazMat
 - » First Aid/AED/CPR Certified
- **Current EMR - 0.67**
- **Over 6,990 days without a lost time accident**



www.texasmolecular.com

Safety

- **Facility Safety Features:**

- » Nitrogen blanketed tanks
- » Deluge system
- » 2k gpm Diesel Fire Water Pump
- » Back-up Electric Fire Pump
- » 300k gallon Fire Water tank
- » On-site fire brigade and equipment
- » Retractable safety cages with breathing air
- » DCS safety interlocks



www.texasmolecular.com

Compliance

- **Major Permits Include:**

- » TCEQ
 - Industrial & Hazardous Waste (IHW)/RCRA permit
 - Underground Injection Control (UIC) permits
 - Air Permits
 - Storm Water Permit
 - Public Water System
- » EPA – “10,000 Year” No Migration Petition

- **Facility Compliance Features:**

- » Annual Mechanical Integrity Tests
- » DCS monitoring/recording
- » Waste tracking database
- » Fully coated concrete secondary containment areas
- » RCRA Subpart CC Total Enclosure (Stabilization Building) tested annually
- » Quality Management Program



- **TCEQ Compliance Rating - 0.00**

- » 0 to 0.1 is considered “High” performance



www.texasmolecular.com

Thank You!

Christina Perez

Director - EHS

281-930-2525

Christina.Perez@vlscs.com

www.vlscs.com/about-vls-texas-molecular





HARRIS COUNTY FIRE MARSHAL'S OFFICE

EVERYTHING WE DO
EVERY DAY WE DO IT
FOR A **SAFER HARRIS COUNTY**



Emergency Operations Branch

Emergency Operations is responsible for the effective planning, mitigation and recovery from emergencies and disasters whether natural, accidental or deliberate. This program supports local fire departments and law enforcement with hazardous spills and chemical spills.

Responses:



- Weapons of Mass Destruction
- Advanced Radiation
- Emergency Response to Terrorist Bombings
- Chlorine Emergency Response
- Illegal/Criminal use of Hazardous Materials
- Oil Spills Response
- HazMat Chemistry
- Sampling & Evidence Preservation
- National Incident Management Systems



Following the events of September 11, 2001 the overall HazMat response capabilities of Harris County were evaluated. Harris County is the home of many of the world's largest energy producing companies, is strategically located in the petrochemical capital of the world and has strong ties to our national infrastructure. Because of these characteristics, the Harris County Hazardous Materials Response Team was created.



Pre-Incident Planning and Knox-Box Program

The Harris County Hazardous Materials **Pre-incident Planning Program** is the first of its kind in the country and has been identified as a best practice for gaining vital pre-incident information about facilities which manufacture, store, or use hazardous materials. The program is designed around physical site visits conducted by the Harris County HazMat Team where pre-incident data is collected and electronically stored in a software system designed for emergency response purposes so it can be accessed quickly if called upon to respond to that location.

The Harris County Hazardous Materials Response Team has been actively engaged in physically assessing the **Knox-Box** key installations at each of the some 3,500 multi-family dwelling complexes across unincorporated Harris County. The Knox Box program ensures ease of access for responders during emergency situations when minutes count increasing the fire/life safety of Harris County residence who may live in that complex.





Deer Park LEPC

October 22, 2024 to November 25, 2024

Plant Incident Reports Summary

| | |
|---|----|
| Level 1 - Courtesy Notification | 20 |
| Level 2 - (Watch) Potential Off Site Impact | 0 |
| Level 3 - (Warning) Off Site Impact | 1 |
| Drill, Exercise or Fire Training | 17 |
| System Test | 62 |
| Training Report Submittal | 4 |

| | | | | | |
|--------------------------|-------------------|---|--------------------------|--------------------|-------------|
| 8201- 2024- 5264-1 | Initial Report | Level 3 - (Warning) Off Site Impact | 10/24/2024 3:23:00 PM | PEMEX Deer Park | Amy Robbins |
|--------------------------|-------------------|---|--------------------------|--------------------|-------------|

A sheen was observed at PEMEX Slip. The source of the sheen is not from PEMEX Deer Park operations.