

DEER PARK LOCAL EMERGENCY PLANNING COMMITTEE

AGENDA

OF

A MEETING OF THE DEER PARK LOCAL EMERGENCY PLANNING COMMITTEE TO BE HELD AT JIMMY BURKE ACTIVITY CENTER, 500 WEST 13TH STREET, MARCH 28, 2017, 2017 BEGINNING AT 11:00 A.M. TO DISCUSS THE FOLLOWING BUSINESS:

Introductions

Company Overview – Texas Molecular

Public Comments on LEPC Mission/Function (3 minute time limit)

Minutes – February 28, 2017

Financial Report – February 2017

Committee Reports

Executive Committee

Ratifying TCEQ Grant

Communications

Review any and all Level 2 and Level 3 incidents

Community Awareness

Shell Fun Run

Easter Egg Hunt

Emergency Response/Transportation

2017 Drill

New Business

Announcements

Meeting Schedule 2017 - Apr. 25, May 23, June 27, Aug. 22, Sept.26, Oct.24, Nov.28



Shannon Bennett, TRMC
Deer Park LEPC Secretary/Treasurer

Posted March 24, 2017



TO: Deer Park CAER/LEPC Team

13-177

SUBJECT: Minutes of March 28, 2017 - Hosted by the City of Deer Park

CALL TO ORDER

Chairman James Stokes called the meeting to order at 11:06 a.m.

INTRODUCTIONS

Self-introductions were given by Debbie Husband with North Channel LEPC, John Roth with M&M Protection, Bridgette Bolls with Vopak and Stephen Markiewicz with SFC Global Supply.

PRESENTATION

Company Overview – Frank Marine of Texas Molecular gave an overview of Texas Molecular Deer Park. Mr. Marine's Power Point presentation introduced the LEPC to Texas Molecular's history of a transportation terminal starting some thirty-five years ago. Texas Molecular is one of the smallest facilities in Deer Park and employs approximately forty-five people. Being a service provider, Texas Molecular is a wastewater management company. The presentation covered the facility's features, underground injection, safety and compliance. (Exhibits A1-A3)

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

There were no comments.

MINUTES

Motion was made by Rick Anorga and seconded by Norma Hysler to accept the minutes for February 28, 2017. Motion carried unanimously.

FINANCIAL REPORT

Motion was made by Robert Hemminger and seconded by Norma Hysler to accept the financial reports for February 28, 2017. Motion carried unanimously.

COMMITTEE REPORTS

Jay Stokes, Executive Committee Chairman stated:

Ratifying TCEQ Grant – Mr. Stokes advised the committee of the TCEQ Grant we received for approximately \$92,600. There was paperwork that we had to sign before today's meeting in which needed to be ratified that we have received the grant and signed everything.

Motion was made by Robert Hemminger and seconded by Gary Jackson to accept grant monies from the TCEQ grant program and to sign all necessary paperwork. Motion carried unanimously.

Plant Manager's Breakfast – Mr. Stokes reported on the Plant Manager's breakfast that was held on March 8, 2017, focusing on the seven surveys that were received that day. Good input was received on the surveys which will be brought to the next Executive Committee meeting.

Robert Hemminger, Communications Subcommittee Chair, reported:

Review of Level 2 and Level 3 Incidents – “On March 1, 2017, Shell reported that they observed an oil sheen near their dock while they were doing some repair on the dock pilings. Dow put in a notice that the City had a grass fire near their facility on March 3rd, just in case there was smoke visible. On March 4, 2017, Shell had a Level 2 due to a flaring during a unit startup and there wasn't anything out of the ordinary from that.”

Richard Philbrick of Shell commented, “We had a lost container on a control valve, a CodeBlue. The other thing is a notification. We will be doing training every Monday from 1 p.m. to 4 p.m. along the Houston Ship Channel at our Fire Training Grounds.”

Norma Hysler, Community Awareness Subcommittee reported for Christina Perez:

“The Community Awareness Committee met this past week and I am stepping down as Chair and Christina Perez will be taking over. We will start getting Wally more involved in the community and the first thing we're going to do is the Citywide Easter Egg Hunt that will be on April 8th. We have a student that has volunteered to be Wally, but we need someone to be Wally's handler. We are also having a booth at the Shell Fun Run, on April 29th and we need volunteers to work the booth. I have a signup sheet that I will pass around. Also, the web design teacher over our site is resigning, so hopefully there will be a web design teacher for next year that can help us keep it up. We have a meeting scheduled for Shannon and Loretta to meet with the teacher for training in adding the minutes.”

Emergency Response/Transportation, Robert Hemminger reported for Ray Cook:

“There's not a whole lot of update about the drill. The drill that we will be participating in is a part of a statewide hurricane exercise on June 5th and 6th, which is a Monday and Tuesday. The LEPC will be more on the tabletop and telephone calls going out from the Deer Park EOC to industry folk that want to talk about questions and issues that are arising during a hurricane approaching, hurricane evacuation and issues that might come up with your staff. That will be the extent of the LEPC's involvement. I'll let Frank Bengochea talk about what they have going.”

Frank Bengochea commented, “As far as the overall drill, it's over a nine day period, June 1st thru June 9th, and Harris County is working on an accelerated timeline as opposed to the rest of the counties. As far as the drills go, we need lots of volunteers. We're looking for about a hundred volunteers and we're starting our recruitment drive on April 1st.”

Robert Hemminger commented that Ray Cook has asked for someone to consider stepping forward as a Co-Chair for the Emergency Response/Transportation Committee who can fill in when he has to be absent due to his work travels.

NEW BUSINESS

Robert Hemminger commented regarding the company overview presentations, thanking Texas Molecular for their presentation this month. Company overviews are scheduled for June and August, but at present there is none for April. He asked if anyone could do an April presentation, to get with him after the meeting.

NEXT MEETING

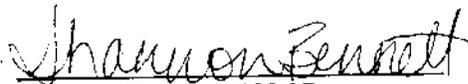
Jay Stokes reported that the next two meetings, April and May, will be at the Jimmy Burke Activity Center. The May meeting, Nim Kidd is coming and the Deer Park LEPC will be partnering with La Porte and Pasadena. June and August will be at Shell and September, October and November will be at Dow.

ANNOUNCEMENTS

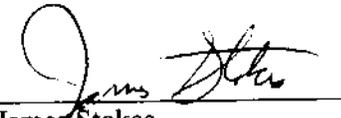
Robert Hemminger announced that the date for this year's LEPC EPA Workshop will be June 21st at Campbell Hall at the Pasadena Convention Center.

Meeting adjourned at 11:45 a.m.

ATTEST:


Shannon Bennett, TRMC
Secretary/Treasurer

APPROVED:


James Stokes
Chairman

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Deer Park LEPC Briefing

TM Deer Park Services LP
(Texas Molecular)
March 28, 2017



Deer Park LEPC Briefing

- Texas Molecular Site Overview
- What We Do
- Facility Features
- Underground Injection
- Safety
- Compliance
- Questions



Site Overview

- History
 - Originally a transportation terminal
 - First injection well built in 1981
 - Now a hazardous waste injection facility for over 35 years
- Employees
 - Currently 45 employees
 - 99% employed by TM for > 5 years




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




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 Demolition Projects
 - Superfund waters
 - Municipal facilities
 - Industrial
 - Chemical manufacturers
 - Petrochemical industry
 - Refineries
 - Landfills
 - Generators
 - Platers





What We Do

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




Facility Features

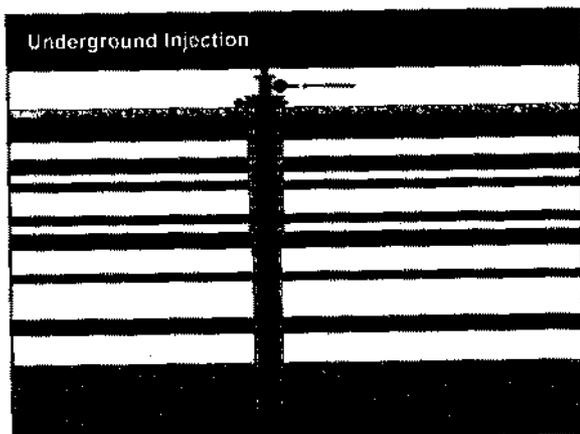
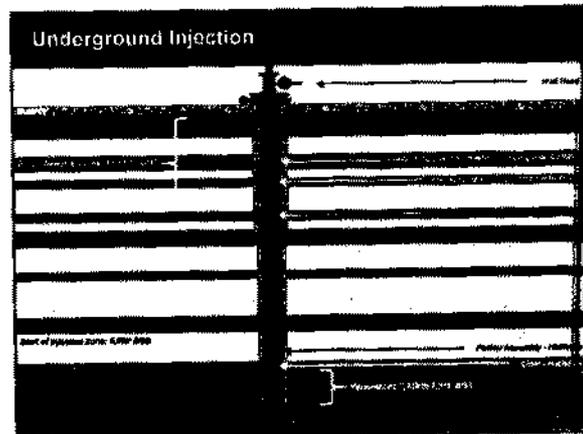
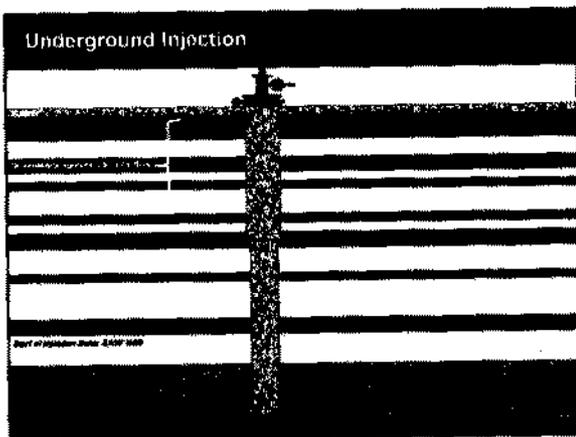
- 2 Existing Injection Wells - permitted for a 3rd well
- 2 Laboratories
 - Pre-acceptance review
 - Shipment verification
- 6 Unloading Areas/Pads
- Bulk Storage Tanks
 - 1.6 million gallons of storage capacity
 - 30 tanks for holding and processing wastewaters
 - Segregated by:
 - Compatibility
 - Waste codes
 - pH
 - Handling requirements
- 5 Permitted Container Storage Areas
- 4 Plate and Frame Filters
- Numerous bag/cartridge filter pots




Facility Features



- Fully Functional Maintenance Shop/Department
- Air Emissions Control Device - Thermal Oxidizer with back-up flare
- Digital Control System (DCS) for operation of:
 - Vehicle Unloading
 - Tank to Tank Transfers
 - Filtration
 - Injection
 - Control Devices
- Back-Up Generator

Underground Injection

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




Safety

- Current EMR is 0.63
- Over 3,787 days without a lost time accident
- May 2015 – first OSHA recordable injury in 8 years
- Texas Mutual Insurance Company - Site recognized for dedication to safety excellence 4 out of last 5 years.
- Facility Safety Features:
 - Nitrogen blanketed tanks
 - Deluge system w/automatic fire water pump
 - 20,000 gallon fire water tank
 - On-site fire brigade and equipment
 - Retractable safety cages at unloading pads
 - Digital Control System (DCS) features safety interlocks
- Operators
 - Sample all loads under supplied air
 - HAZWOPER, DOT, HazMat, and Red Cross First Aid/CPR Certified
 - Extensive training regimen
 - Full IH/Medical Monitoring Program



Compliance

- Major Permits (include):
 - TCEQ
 - Industrial & Hazardous Waste (IA/HW) RCRA permit
 - Underground Injection Control (UIC) permit
 - Standard Air Permit
 - Storm Water Permit
 - EPA – “10,000 Year” No Migration Petition
- Facility Compliance Features:
 - Annual Mechanical Integrity Tests of wells
 - DCS monitoring/recording of all facility components
 - Waste tracking database
 - Fully lined secondary containment areas for tanks
 - RCRA Subpart CC Total Enclosure (Stabilization Building) tested annually
 - Quality Management Program
- TCEQ Compliance Rating
 - Current rating of 8.88
 - 0 to 0.1 is considered “High” performance
 - 0.1 to 55 is considered “Satisfactory” performance
 - > 55 is considered “Unsatisfactory” performance



Questions

Thank You!

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