



**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 to be held at the Deer Park City Hall, 710 E. San Augustine, Deer Park, Texas on January 23, 2024 beginning at 11:00 a.m. to discuss the following business:

### **PLEDGE OF ALLEGIANCE**

### **INTRODUCTIONS**

### **COMPANY OVERVIEW**

- Lubrizol

### **PRESENTATION**

- Greg Karnauch with Buxus

### **PUBLIC COMMENTS**

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

### **APPROVALS**

- Consideration and approval of minutes from the November 28, 2023 meeting
- Consideration and approval of monthly financial report

### **COMMITTEE REPORTS**

- Executive Committee
  - Reminder of Employee Counts (due Jan 31, 2024)
- Communications
  - 2024 Company Overview Sign- Up
  - Review any and all Level 2 and Level 3 incidents
- Community Awareness
  - 2024 Volunteer Opportunities
  - 2024 Calendar
- Emergency Response/Transportation

### **OPEN FOR NEW BUSINESS**

### **NEXT MEETING**

- Feb. 27, Mar. 26, April 23, May 28, Jun. 25, Aug. 27, Sept. 24, Oct. 22, and Nov 26, 2024

### **ADJOURN**

*Angela Smith*

Angela Smith, TRMC, CMC, Treasurer/Board Secretary



## **Meeting Minutes from January 23, 2024**

### **CALL TO ORDER/PLEDGE OF ALLEGIANCE**

Vice Chairman Kevin Machemehl called the meeting to order at 11:00 a.m. and he led members in the Pledge of Allegiance to the United States flag and to the Texas flag.

### **INTRODUCTIONS**

Self-introductions were made by Mayra Ramos and Michael Senigo of U.S. Department of Transportation Pipeline & Hazardous Materials Safety Administration Office, Louis Hernandez of Resolute Environmental & Response Services LLC, Laura Brennan and Jerry Williamson of PEMEX DP, Ernesto Solis of Valvoline, and Lindsay Sander of Buxus.

### **COMPANY OVERVIEW**

Lubrizol's Fire Chief Robert Campise gave an overview of the company's history, location and business. Lubrizol is a specialty chemical company founded in 1928 in a garage by a couple of brothers in Ohio formulating automotive type lubricants. The company operates in two segments Lubrizol Additives (LZA) and Lubrizol Advanced (LZAM). Lubrizol Additives (LZA), produces engine oils, transmission fluids, gear oils, and other oils, here in the Deer Park site. Lubrizol Advanced Materials (LZAM) produces personal care, home care, pharmaceuticals, and medical grade plastics, in the La Porte site on Independence Highway. Lubrizol Corporation, a Berkshire Hathaway company, provides unmatched chemistry that unlocks immense possibilities at the molecular level. Their solutions are found in products used daily but, you will never see Lubrizol's name in any of the packaging of the products you use. For example, Castrol and Pennzoil both contain Lubrizol products. Lubrizol's headquarters is located in Wickliffe, Ohio USA, and has locations throughout the United States as well as globally in the United Kingdom, Brazil, Spain, Germany, Japan, India, Belgium, France, China, and South Korea. The Deer Park location was established in 1951 and is located at 41 Tidal Rd, Deer Park, on 336 acres and operates 24/7 with 700 plus employees and 300 contractors. Lubrizol's Emergency Operations Center (EOC) is located at Tidal Rd and Highway 225 in the North Admin Building. The EOC has the ability to support our Deer Park, La Porte, and Bayport plants as well as other sites remotely.

### **PRESENTATION**

Lindsay Sander, the owner of Buxus, gave a presentation to introduce a new free mobile app for emergency responders. Buxus is designed to provide critical information on pipelines in your area around the clock regardless of having cellular or wi-fi coverage. Ms. Sander explains with Buxus, emergency officials can now have the information they need on pipelines in their jurisdiction just by picking up their mobile device. Buxus is funded by the pipeline operators and is free to emergency responders. Once downloaded, Buxus provides emergency responders with access from their mobile devices to information on the commodities transported by the operator and pipelines for emergency responders or anyone that subscribe to the Buxus System. It also provides emergency contact information for the operator and pipeline, hazards posed by the commodity

type, emergency response actions to be taken and/or avoided, interactive maps, and a portal to request specific information or resources from an operator. Buxus controls access to the app so not everyone can see information in the app. Currently Buxus has only 20% of the United States pipelines and looking to double the pipelines in the next year. Buxus is not only transmission pipelines but support others such as gathering pipes, production, local distribution, electric, water, sewer, solar, wind, or anything infrastructure related. Ms. Sander explained the registration and how to use the app. The operators provide the information to Buxus and Buxus provides information to you. Collecting this information helps pipeline operators better evaluate collaborative plans and resources for emergency response.

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

No comments.

### **MINUTES**

Motion was made by Don Davis and seconded by Steven Longenecker to accept the minutes for November 28, 2023 as presented. Motion carried unanimously.

### **FINANCIAL REPORT**

Motion was made by Steven Longenecker and seconded by George Tullgren to accept the financial report as presented. Motion carried unanimously.

### **COMMITTEE REPORTS**

**Executive Committee:** Treasurer/Board Secretary Angela Smith reminded the members that employee counts are due January 31, 2024. If we do not receive the count for your company, we will use last year's count to generate the invoice in February for your DPLEPC Contribution. Please remember to always sign in to get credit for your participation. If your name is not on the member list sign in sheet, please use the guest sign in sheet.

**Communications Committee Chairman, Jamie Galloway reported:** Mr. Galloway announced we still need company overview sign-ups as was mentioned in last month's packet.

**Level 2 and Level 3 Incidents:** Mr. Galloway announced we had two level 2 and three level 3 incidents. All were minor and compared to last year's freeze. Brian from Dow spoke on the incident on the 16<sup>th</sup>. Marco from Geo spoke on the incident on the 15<sup>th</sup> on that it downgraded quickly. Shell has an ongoing incident from this morning on a discharge of water into the ship channel.

**Community Awareness Chairman, Christina Perez reported:** Ms. Perez announced upcoming volunteer opportunities. The first one for 2024 is Chemistry Day at San Jacinto College on March 26, 2024, there are a couple volunteers already but need a couple more. It is the same day as the LEPC meeting, so perhaps there is someone else that could volunteer. We have a couple events in April and then a long break until August. We will be sending an online option to sign up via email.

Regarding the 2025 calendar we want to focus on industry and all the good things that it does for this area. We need 12 companies to set up a layout that focuses on the products or services you offer and how it impacts this area as well as the employees that live in the area. It is a first come first serve project due to only having 12 months. If we get enough additional submissions, we may be able to add a few extra pages.

**Emergency Response/Transportation Chairman, Robert Campise:** Mr. Campise reported meeting up next week with DPISD to walkout a couple of campuses. We are looking for an opportunity to help out with the shelter in place program.

**Drill:** Nothing to report

**NEW BUSINESS**

Nothing to report.

**NEXT MEETING**

The next meeting is February 27, 2024. Meetings for the 2024 year are available on the agenda.

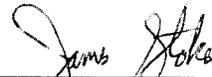
Meeting adjourned at 11:37 a.m.

**ATTEST:**



\_\_\_\_\_  
Angela Smith, TRMC, CMC  
City Secretary

**APPROVED:**



\_\_\_\_\_  
James Stokes  
Chairman



## Did You Know Lubrizol Is In...



- Hand sanitizer
- Engine oil
- Refrigeration units
- Athletic wear
- Plumbing and industrial piping
- Medical catheters
- Industrial gear equipment
- Batteries
- Paints and coatings
- Medicine and vitamins
- Toothpaste
- Electronics
- Food packaging
- Laundry detergent
- Electric/hybrid vehicles
- Lotions
- Dental aligners
- Body wash

Our science is in products most consumers use every day



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## Lubrizol Purpose



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## By the Numbers



**Lubrizol**

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**Lubrizol**

## Lubrizol Additives: Manufacturing, Blending, and Bulk Storage



**being essential**

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**Lubrizol**

## Lubrizol Additives

**Worldwide:**

**You'll find Lubrizol technology  
in 1 out of 3 passenger cars**

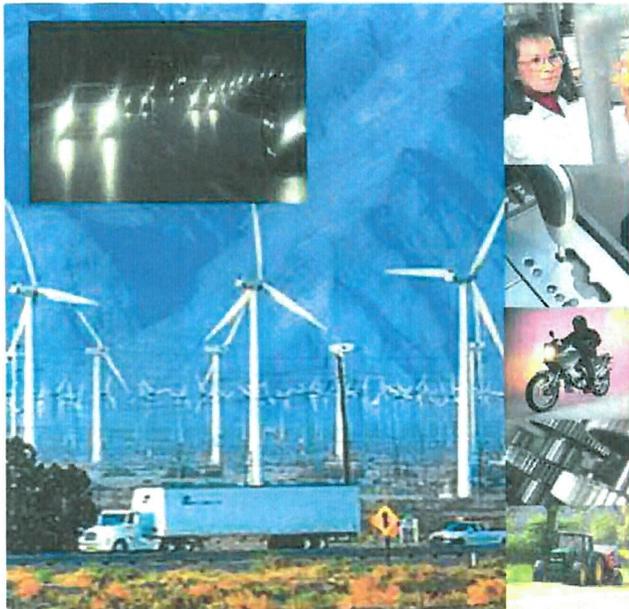


 **being essential**

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## Lubrizol Additives



**Protect surfaces  
from wear**

**Reduce  
emissions**

**Reduce  
friction**

**Prolong  
lubricant life**

**Reduce effects  
of contaminants**

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## Lubrizol Additives: Texas Plants

	Deer Park	Bayport
<b>Operational:</b>	1951	1969
<b>Location:</b>	18 miles east of Houston; near ship channel	10 miles southeast of Deer Park
<b>Acreage:</b>	~350	~100
<b>Employees:</b>	~645	107
<b>Contractors:</b>	285	42



## Lubrizol Additives

- Fluids in your car that likely have our chemistry:
  - Motor oil
  - Transmission fluid
  - Power steering fluid
  - Brake fluid
  - Differential oil
  - Various greases / lubricants
- AutoZone® / O'Reilly®
- Largest engine test lab in the world



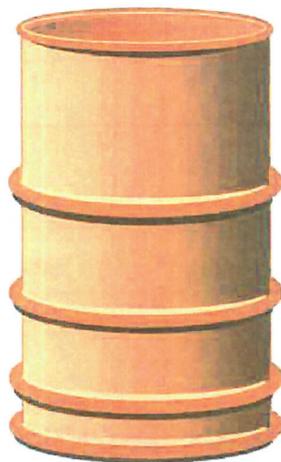


## The Lubrizol Corporation

- Global specialty chemical company
- We don't put our name on finished engine oil products
- Most advanced intermediate chemistry
- Market leader in lubricant additives
- We sell to every major oil company
- Mixture of batch & continuous flow
- Most all of our tankage is small
- Raw materials & finished products move by tank trucks and rail cars



## Formulating an Engine Oil Typical Motor Oil Composition

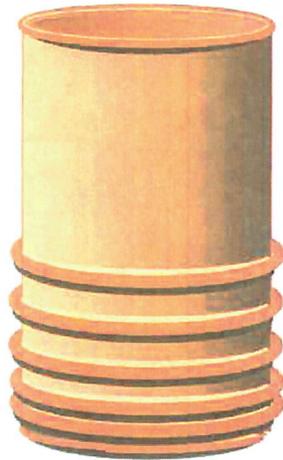


Base Oils

Performance Package  
Viscosity Modifier

Pour Point Depressant

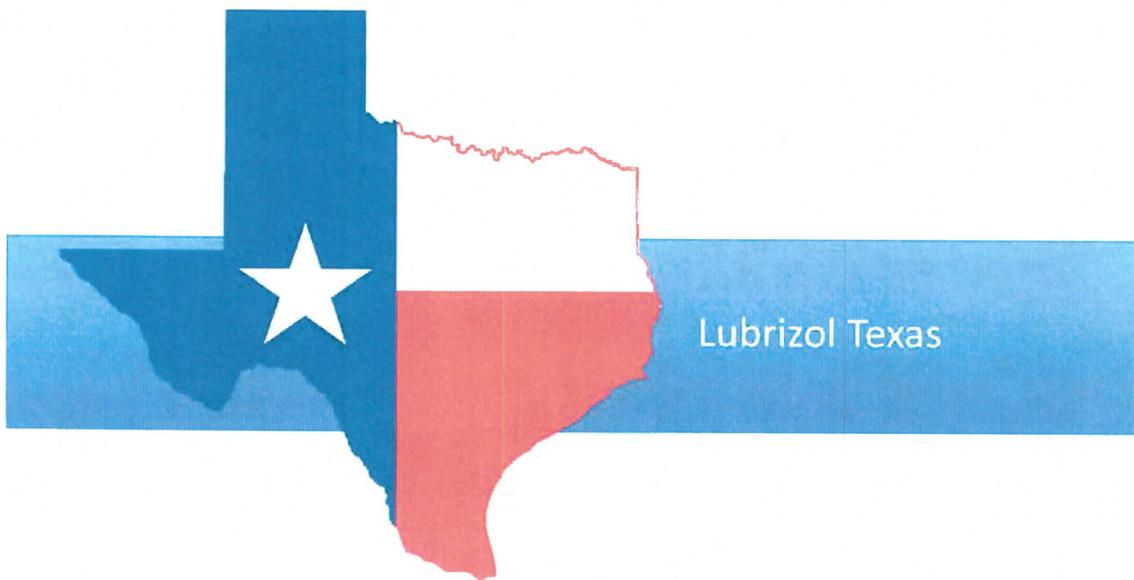
## Formulating an Engine Oil Additive Company Perspective



Dispersant

Detergent  
Diluent Oil  
Antiwear Agent  
Ashless Inhibitor  
Friction Modifier

## Lubrizol Texas

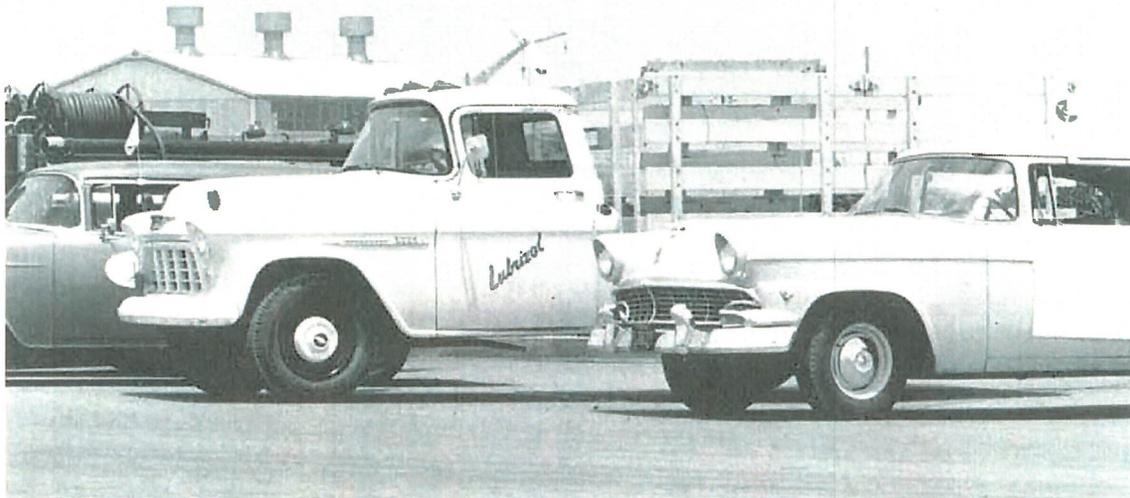






1955 Drill Photo at Shell

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## Deer Park Fire Protection Equipment

- Sprinkler / Deluge Systems = 90
- Clean Agent Systems = 4
- Hydrants = 85
- High Flow Manifolds = 6
- Fixed Monitors = 60
- Fire Extinguishers = ~800
- SCBA's = 90
- Hose Reels = 65

## Deer Park Fire Pump Capacities

- East Diesel Pump @ Pond = 2500 GPM
- West Diesel Pump @ Pond = 2500 GPM
- WS-3 Diesel Fire Pump = 2000 GPM
- GE Electric Pump - North = 1500 GPM
- GE Electric Pump – South = 1500 GPM
- Total Pumping Capacity = 10,000 GPM
- ~ 9 million gallon fire water pond
- Portable Fire Pump #1 = 3000 GPM
- Portable Fire Pump #2 = 6000 GPM
- 3 Foam Pumpers 3K+3K+1K= 7000 GPM

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## Team Leadership Deer Park and Bayport

Fire Chief

Assistant Fire Chief/Training Officer

Battalion Chief – (1) per shift

Captain – (1) per shift

Lieutenant – (1) per shift at BP (3-5) per shift at DP

Safety Officer – (2-3) Days at each site

Firefighters – The number varies from shift to shift

ERT Support – Non-ERT Shift foremen who support Incident Command administrative needs

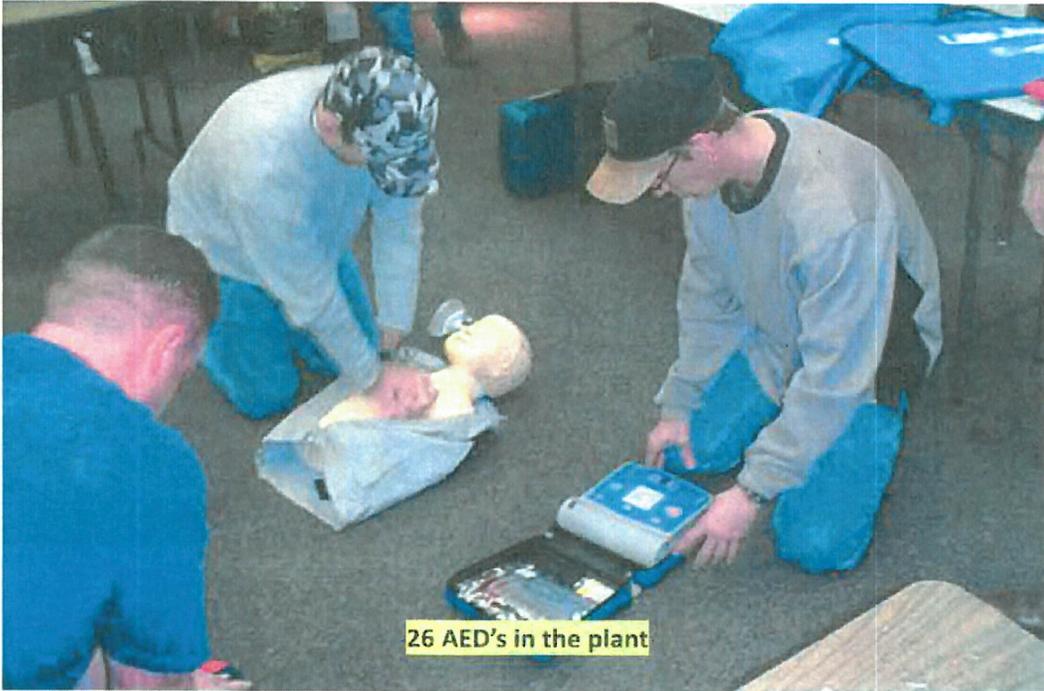
## **ERT Info**

- 4 Shifts & a Day Crew
- 6.8 Years Average Experience
- 33 Emergency Responders at Bayport
- 92 Emergency Responders at Deer Park
- 124 Total Responders – FF / Hazmat Tech
- 34 at DP are Medics (ECA-EMT-P)
- 37 at DP are Technical Rescue Trained
- E/O's, Drivers
- ERT Leadership Staffing Plan
- Daily Validation using access control system

## **ERT Annual Training Hours**

- Fire Training – 24 hrs
- ERT Quarterly Mtgs – 4 hrs
- Emergency Medical – 32 hrs (minimum)
- Technical Rescue – 44 hrs
- ERT Hazmat – Initial 40 hr Tech + 8 hr annual Refresher
- Emergency Vehicle Operations – 16 hrs
- E/O - Pump Operations – 16 hrs
- Fire Officer Leadership – 24 hrs
- *Over 1000 total aggregate contact hours of training annually*





26 AED's in the plant





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## Lubrizol Emergency Responders



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**ANY  
QUESTIONS  
?**



## 2024 One Lubrizol Pillars



**People**  
Our foundation  
for today and  
the future



**Customers**  
Our growth  
partners



**Innovation**  
Our competitive  
advantage



**Enterprise  
Operations**  
Our collective  
“Be Better”  
opportunities



# בוקס בוקס

PIPELINE INFORMATION FOR EMERGENCY RESPONDERS

## You're invited to join Buxus™

**Buxus™** is a **FREE** app provided to responders and is paid for by pipeline operators. Partner with operators in your area to become more knowledgeable and better prepared when responding to a potential pipeline incident.

**Follow the five quick steps to secure your free access.**

STEP

**1**

Download the **Buxus™** app from the Apple Store or Google Play.

STEP

**2**

Click on **"Don't have a code, request access. Click here"** link.

STEP

**3**

Complete and confirm your agency information and capabilities.

STEP

**4**

Wait for email confirming your access.

STEP

**5**

Sign-in and download information about the operators in your response area.



Scan the QR code with your smart phone to download Buxus™ instantly from...



**FREE**  
APP & EASY TO USE!

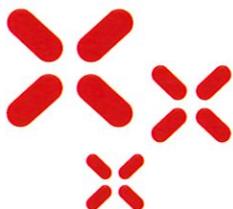
Join us for a **30-minute webinar** to learn more about **Buxus™**

EVERY **TUESDAY**  
at 10 am and 6:30 pm Central

EVERY **THURSDAY**  
at 8 am and 7:30 pm Central



GO TO  **www.buxus.io**  
AND CLICK TO REGISTER



**BUXUS™**  
PIPELINE INFORMATION FOR **EMERGENCY** RESPONDERS

**Buxus™** is the newest tool for **helping emergency officials** prepare for, and respond to, a potential pipeline release in their communities by **providing critical information** at their fingertips. Once you are verified as an emergency responder, you can begin to access the powerful features **Buxus™** offers.

**FEATURES INCLUDE:**

- ◆ **OBTAIN RESOURCES AND CRITICAL INFORMATION ON DEMAND, INCLUDING:**
  - **EMERGENCY CONTACT INFORMATION;**
  - **PRODUCTS TRANSPORTED;**
  - **HAZARD IDENTIFICATION; AND**
  - **RESPONSE GUIDANCE.**
- ◆ **VIEW PIPELINE ASSETS IN YOUR COMMUNITY, AT A SPECIFIC ADDRESS, OR NEAR YOUR GPS LOCATION;**
- ◆ **USE IN THE FIELD, EVEN WHEN THERE IS NO CELL OR WI-FI COVERAGE;**
- ◆ **IMPROVE RESPONSE TIME AND EFFECTIVENESS; AND**
- ◆ **MAKE REQUESTS FOR, AND REPORT INFORMATION TO, SPECIFIC PIPELINE OPERATORS.**

To learn more about the pipeline operators in your community set up your free **Buxus™** account.

For technical assistance with the app, or to arrange a product demonstration, contact [help@buxus.io](mailto:help@buxus.io) or call (844) 888-3318.

  
[www.buxus.io](http://www.buxus.io)



Deer Park LEPC

Report November 28, 2023= January 22, 2024

**Plant Incident Reports Summary**

Level 1 - Courtesy Notification	39
Level 2 - (Watch) Potential Off Site Impact	2
Level 3 - (Warning) Off Site Impact	3
Drill, Exercise or Fire Training	18
System Test	88
<b>Training Report Submittal</b>	<b>12</b>

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Process Upset

48201-2023-5840-1	Initial Report	Level 2 - (Watch) Potential Off Site Impact	12/27/2023 11:18:00 AM	Nouryon Battleground
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Check valve on the slop tank at Ship dock #1 that failed.

48201-2023-5663-1	Initial Report	Level 3 - (Warning) Off Site Impact	12/14/2023 3:41:00 AM	Vopak Terminal Deer Park
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Odor incident occurred at our facility.

48201-2024-241-1	Initial Report	Level 3 - (Warning) Off Site Impact	1/15/2024 3:39:00 PM	GEO Specialty Chemicals
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Downgraded to L1 at 16:30

48201-2024-275-1	Initial Report	Level 2 - (Watch) Potential Off Site Impact	1/16/2024 4:13:00 PM	Dow Chemical, Deer Park
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Discharging water to the Houston Ship Channel.

48201-2024-358-1	Initial Report	Level 3 - (Warning) Off Site Impact	1/22/2024 2:28:00 PM	Shell Chemical Company - Deer Park
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