



**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 September 24, 2024, beginning at 11:00 a.m. to discuss the following business:

### **PLEDGE OF ALLEGIANCE**

### **INTRODUCTIONS**

### **COMPANY OVERVIEW**

- GEO Specialty Chemicals

### **PRESENTATION**

- CISA US Dept. of Homeland Security

### **PUBLIC COMMENTS**

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

### **APPROVALS**

- Consideration and approval of minutes from the August 27, 2024 meeting
- Consideration and approval of the monthly financial report

### **COMMITTEE REPORTS**

- Executive Committee
  - Discussion of Proposed 2025 Budget
- Communications
  - 2025 Company Overview Sign-Up
  - Review any Level 2 and Level 3 incidents
- Community Awareness
  - 2024 Volunteer Opportunities
  - 2025 Calendar
- Emergency Response/Transportation
  - Drill

### **OPEN FOR NEW BUSINESS**

### **NEXT MEETING**

- Oct. 22, and Nov 26, 2024

### **ADJOURN**

*Angela Smith*

Angela Smith, TRMC, CMC, Treasurer/Board Secretary

## Deer Park LEPC Meeting Minutes September 24, 2024

### CALL TO ORDER/PLEDGE OF ALLEGIANCE

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

### INTRODUCTIONS

James Belluomini from Lubrizol, Danielle O'Boyle from Shell, and Tanner Wideman from ExxonMobil introduced themselves as first-time visitors.

### COMPANY OVERVIEW

GEO Specialty Chemicals' Fire Chief Marco Diaz, gave a company overview. Geo Specialty Chemicals operates a chemical manufacturing facility located in Deer Park, Texas which is part of the Greater Houston industrial hub, an area known for its concentration of chemical and petrochemical facilities. The Deer Park facility was initially owned and operated by W.R. Grace, a prominent chemical company. Historically, the plant produced: Nitroparaffins, DAXAD (naphthalene sulfonate-based dispersants and wetting agents used in gypsum and concrete admixtures), Glycine, and Chelates. In 1997, Dow Chemical acquired the Deer Park plant as part of its purchase of Sentrachem. In November 2005, the facility was sold to GEO Specialty Chemicals. The plant covered 108 acres and continued manufacturing Glycine and dry DAXAD powders. In September 2019, the facility was sold to CPS. At that time, it was split into GEO Legacy and G2O Water Treatment Chemicals. The facility spanned 58 acres and employed 62 workers. The Emergency Response Team (ERT) at GEO Specialty Chemicals' Deer Park facility plays a vital role in maintaining the safety of the plant, its employees, and the surrounding community. Given the nature of the chemical manufacturing industry and the risks involved in handling hazardous materials, the ERT is a key component of the company's safety infrastructure.

### PRESENTATION

Bill Moore a Chemical Security Inspector for Cybersecurity and Infrastructure Security Agency (C.I.S.A.) gave a presentation of Region 6 which encompass Arkansas, Louisiana, New, Mexico, Oklahoma, and Texas. This region has the highest concentration of chemical facilities in the nation. Protective Security Advisors (P.S.A.) have two primary disciplines physical and cybersecurity. PSAs are subject matter experts and conduct assist visits through any site under critical infrastructure scope. They provide an overview of DHS resources and information is available on this website <https://www.cisa.gov/about/regions/region-6>. Region 6 personnel provide risk and risk mitigation advice, outreach assessments and inspections, training, support, and more to their partners. Cybersecurity Advisors (C.S.A) essentially provides the same service except it focuses

on cybersecurity. Operation Flashpoint has many training classes free with an F.E.M.A. identification. ChemLock Voluntary Program is open to all facilities that possess dangerous chemicals (toxic, flammable, IEDP) and it's a no-cost service. Mr. Moore stated ChemPrep is coming in 2025 and once all the information is available, he will come back to share the knowledge. Mr. Moore also announced Wine Cheese and Bling in Galveston on November 14, 2024, at 5 p.m. hosted by Resource and Crisis Center of Galveston County 1204 45th Street, Galveston, Texas to support the safety of victims of domestic violence.

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

No comments.

### **MINUTES**

Christina Perez made a motion and George Tullgren seconded to accept the minutes for August 27, 2024, as presented. The motion carried unanimously.

### **FINANCIAL REPORT**

Don Davis made a motion and Christina Perez seconded to accept the financial report as presented. The motion carried unanimously.

### **COMMITTEE REPORTS**

**Executive Committee:** Board Secretary Angela Smith went over the proposed 2025 budget shown in the agenda packet. It was stated that the members will see the difference between the budgeted items in 2023, 2024, and 2025. The difference for the E-notify in 2024 was under-budgeted, so for 2025, it has been corrected to show a \$12,000.00 increase. A new item added to the budget is the Siren software license annual fee of \$3,415.00. The expected proposed budget for 2025 is \$247,775.00. Ms. Smith asked if there were any comments or questions. There were none. She stated that the budget will be brought back to the members in October for approval.

**Communications Committee Chairman, Jamie Galloway:** Mr. Galloway stated there was one level 3 at Vopak. Mr. Galloway is working on submitting a grant with TCEQ for the LEPC that is due on October 11, 2024.

**Level 2 and Level 3 Incidents:** Vopak experienced a level 3 due to a gasket on a phalange rupturing and sprayed into the channel, it was quickly cleaned up and repaired.

**Company Overviews:** Mr. Galloway stated to sign-up presentations for 2025 please call or email Mr. Galloway at [jgalloway@deerparktx.org](mailto:jgalloway@deerparktx.org) or Monica Chavez at [mchavez@deerparktx.org](mailto:mchavez@deerparktx.org).

**Community Awareness Chairman, Christina Perez:**

**2024 Volunteer Opportunities:** Ms. Perez announced all 2024 volunteer positions are full. Thank you, Westlake Epoxy, for volunteering to help with Shelter-In-Place, they got six new residents signed up for CodeRED at that event. October 1, 2024 is National Night Out and is being held at

David Machemehl's home. HOTZONE is scheduled for October 18, 2024 and this is the final event for the year. At the next meeting Ms. Perez should have the schedule for the 2025 events.

**2025 Calendar:** Ms. Perez stated we have our first mock up page for the calendar. She sent out a reminder email to those companies who signed up to participate to please send their company photos and information promptly so the calendar can be completed.

**Emergency Response/Transportation Chairman, Robert Campise:**

**Drill:** Mr. Galloway is filling in for Mr. Campise. The drill is scheduled, October 31, 2024. A meeting with the Deer Park School District and GEO Specialty Chemicals took place prior to the LEPC meeting today which they went over the scenarios.

**NEW BUSINESS**

David Machemehl announced the Fire Prevention parade is Saturday, October 5, 2024. Friday, October 11, 2024 is the Seer and Serve BBQ at the Pasadena Convention Center, and the Dept of Public Health is hosting an Open Pods Exercise on Thursday, October 30, 2024 from 4:30 p.m. – 6:30 p.m. at the Pasadena Convention Center.

**NEXT MEETING**

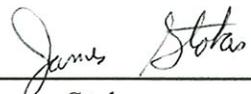
The next meeting is October 22, 2024. Meetings for the 2024 year are available on the agenda.

The meeting adjourned at 11:28 a.m.

**ATTEST:**

  
\_\_\_\_\_  
Angela Smith, TRMC, CMC  
LEPC Board Secretary/Treasurer

**APPROVED:**

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

# DEER PARK CITY HALL



## PLANT MANAGERS' BREAKFAST

**7:30 AM**



**WALLY SAYS:**

**SAVE THE DATE**

**APRIL 8, 2025**

# GEO Specialty Chemicals

## Deer Park, Texas



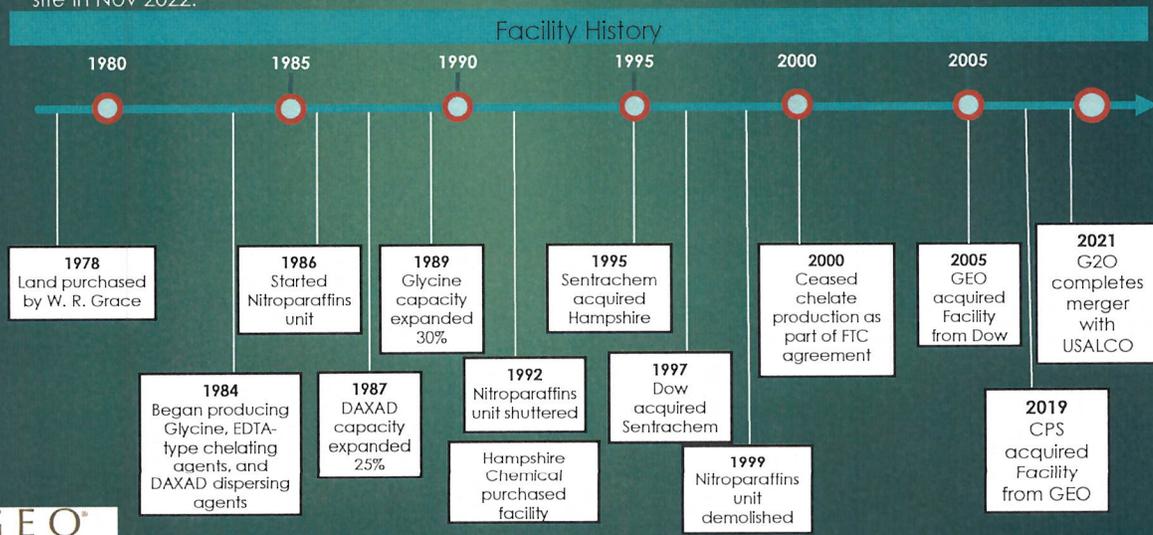
### Deer Park Site Overview & Safety Processes



## Deer Park Plant History

- The Facility was originally owned and operated by W. R. Grace.
- The Facility's manufacturing capabilities have historically included Nitroparaffins, DAXAD (naphthalene sulfonate-based dispersants and wetting agents used in gypsum and concrete admixtures), as well as Glycine and Chelate production.
- Dow acquired Deer Park plant in 1997 as part of Sentrachem for the agricultural chemical portfolio. This Facility was considered non-core to Dow.
- Sold to GEO in Nov. 2005. The Facility is 108 acres and manufactures Glycine as well as dry DAXAD® powders.
- Sold to CPS in Sep. 2019. The Facility was split as a GEO Legacy and G2O Water Treatment Chemicals. The Facility is 58 acres 62 employees.
- In 2021, G2O completed a merger with USALCO Technologies. G2O completed an exit of the Deer Park site in Nov 2022.

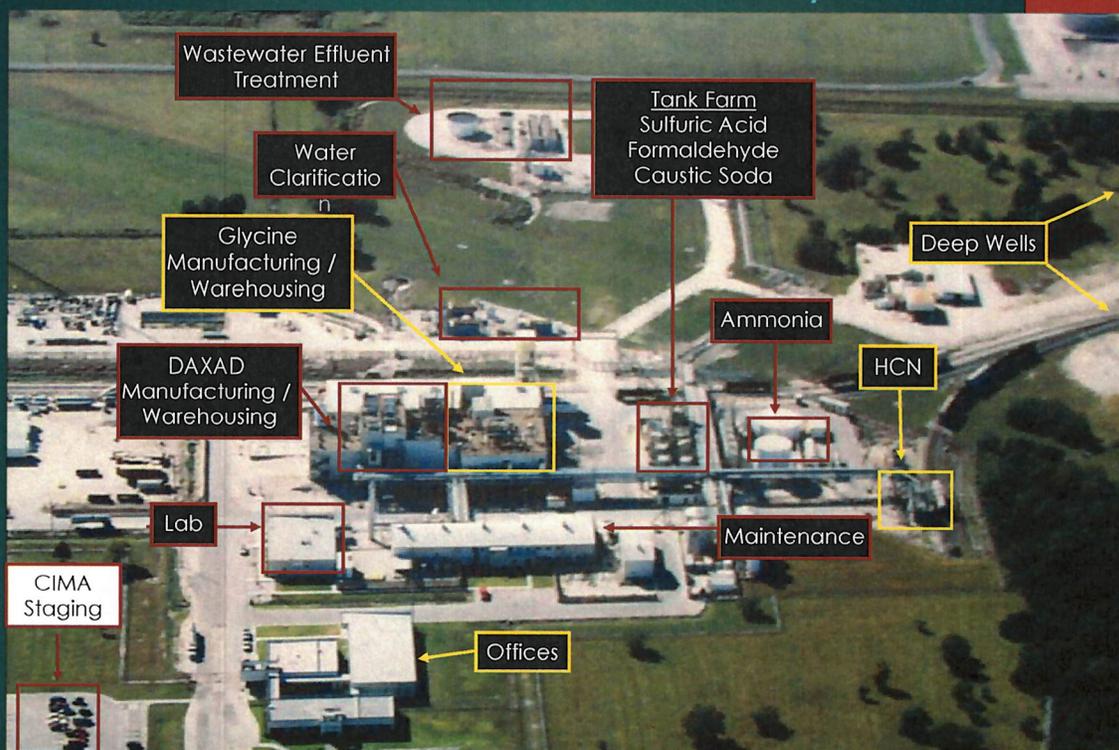
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Confidential Property of  
GEO Specialty Chemicals, Inc.

# Deer Park Facility

3



# Deer Park Overview

4

One processes currently in production

- ▶ Glycine
  - ▶ Sold as a dry, crystalline powder
  - ▶ USP, Pharma, Technical, and Industrial grades



# Target Chemical Hazards

5

- ▶ 99% Hydrogen Cyanide(HCN)
- ▶ 44% Formaldehyde(CH<sub>2</sub>O)
- ▶ 100% Anhydrous Ammonia(NH<sub>3</sub>)
- ▶ 98% Sulfuric Acid(H<sub>2</sub>SO<sub>4</sub>)
- ▶ 50% Sodium Hydroxide(NaOH)

# Access Points

6

- ▶ East gate at security checkpoint
- ▶ South West gate at perimeter fence line
- ▶ All contractors and visitors must have a TWIC to enter the site unless escorted 100% of the time



## CIMA Zone 3

7



## DHS (CFATS) Tier 3

8

Our site has been designated as a Tier 3 facility by the Department of Homeland Security (CFATS) Division.

As such with their support and the partnership we have developed we maintain a strong security posture by ensuring our Site Security Plan meets the stringent standards set by DHS.

# Community Awareness

9

As good Stewards of the chemicals we handle at the Deer Park facility we have continued to develop and maintain great relationships as members of the following entities.

- CIMA (Channel Industries Mutual Aid)
- LEPC (Local Emergency Planning Committee)
- EHCMA (East Harris Count Mfg. Association)
- CAC (Community Advisory Committee)
- HSCSD (Houston Ship Channel Security Dist.)

# Emergency MSA's

10

We have Master Service Agreements signed with the following:

- ▶ CTEH (Center for Toxicology & Environmental Health) for Annual IH Monitoring or Downwind Monitoring/Plume Modeling if necessary.
- ▶ USES (United States Environmental Serv.) in case of any in transit HCN railcar incident.

# Emergency Response Team Training

11

- 15 ERT members
  - Industrial Fire Fighting
  - HAZMAT
  - High Angle Rescue
  - CPR & First Aid



# Response Assets & Resources

12

- Quick Attack (Rescue 7)
  - 2 Water monitors
  - SCBA'S
  - Rescue gear
- Site fire water monitors equipped with 3-6% foam
- Fire hydrants
- Sprinkler system
- 21 HCN stattox located throughout the plant

# Fire Water System

13

- Coastal Water Authority (CWA)
- Diesel and Jockey pump
  - 150 psi max @1700rpm

# CISA – Region 6

September 24, 2024



## Protective Security Advisors

- Protective Security Advisors (PSA) have five mission areas that directly support the protection of critical infrastructure:
  - Plan, coordinate, and conduct security surveys and assessments on critical infrastructure assets
  - Plan and conduct outreach activities with critical infrastructure, community groups and other stakeholders
  - Support National Special Security Events (NSSEs) and Special Event Activity Rating (SEAR) events
  - Respond to incidents
  - Coordinate and support improvised explosive device awareness and risk mitigation training



# Protective Security Advisors

- **Support National Special Security Events (NSSEs) and Special Event Activity Rating (SEAR) events** – PSAs support Federal, State, and local officials responsible for planning, leading, and coordinating NSSE and SEAR events
- **Respond to incidents** – PSAs plan for and, when directed, deploy to Unified Area Command Groups, Joint Operations Centers, FEMA Regional Response Coordination Centers, and/or State and local Emergency Operations Centers in response to natural or man-made incidents
- **Coordinate and support improvised explosive device awareness and risk mitigation training** – PSAs work in conjunction with CISA’s Office for Bombing Prevention by coordinating training and materials to SLTT partners to assist them in deterring, detecting, preventing, protecting against, and responding to improvised explosive device threats



William Moore  
September 24, 2024

3

# Cybersecurity Advisors (CSAs)

To provide direct coordination, outreach, and regional support in order to protect cyber components essential to the sustainability, preparedness, and protection of the Nation’s Critical Infrastructure and Key Resources (CIKR) and State, Local, Tribal, and Territorial (SLTT) governments.

- **Assess:** Evaluate critical infrastructure cyber risk.
- **Promote:** Encourage best practices and risk mitigation strategies.
- **Build:** Initiate, develop capacity, and support cyber communities-of-interest and working groups.
- **Educate:** Inform and raise awareness.
- **Listen:** Collect stakeholder requirements.
- **Coordinate:** Bring together incident support and lessons learned.



William Moore  
September 24, 2024

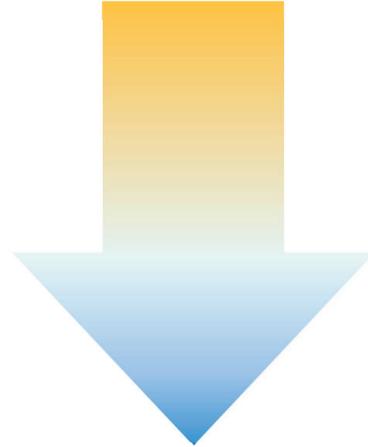
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# CISA Cybersecurity Resources

## Regional Resources:

- Cybersecurity Assessments
  - Ransomware Readiness Assessment (RRA)
  - Cybersecurity Performance Goals (CPG)
  - Cyber Infrastructure Survey (CIS)
  - Cyber Resilience Essentials (CRE)
  - External Dependencies Management (EDM)
  - Incident Management Review (IMR)
  - Cyber Resilience Review (CRR)
- Workshops
  - Cyber Resilience Workshop (CRW)
  - Incident Management Workshop (IMW)
  - Vulnerability Management Workshop (VMW)
  - Digital Forensics Workshop I & II (DFW)
  - Cyber Exercise (CEX)

**STRATEGIC  
(HIGH-LEVEL)**



**TECHNICAL  
(LOW-LEVEL)**

## National Resources:

- Vulnerability Scanning Service (CyHy)
- Cyber Tabletop Exercises (CTTX)



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5

# Security Assessments



**CYBERSECURITY  
& INFRASTRUCTURE  
SECURITY AGENCY**



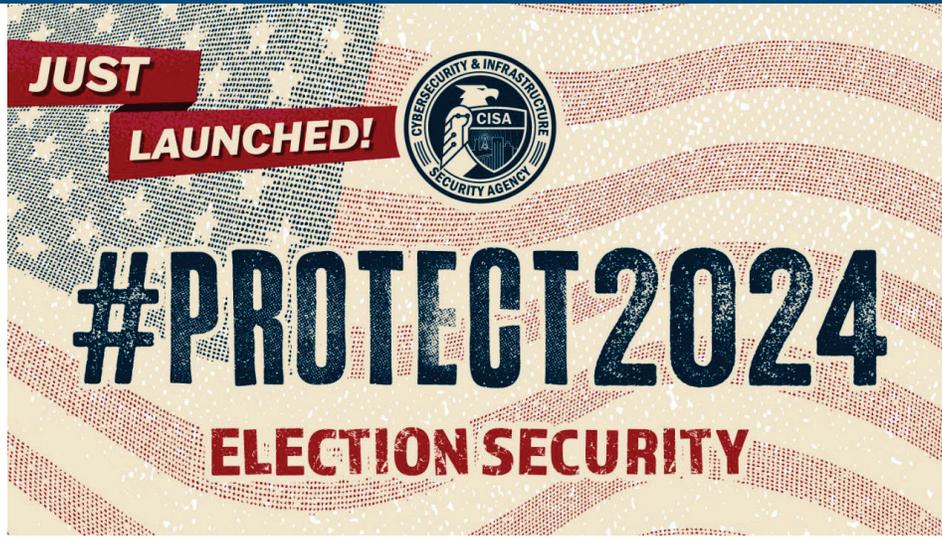
**S**ECURITY **A**SSESSMENT AT **F**IRST **E**NTRY



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September 24, 2024

6

# PROTECT 2024



[cisa.gov/protect2024](https://cisa.gov/protect2024)

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September 24, 2024

# Flashpoint



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September 24, 2024

# Chemical Security



- Voluntary Program
- Open to ALL facilities that possess dangerous chemicals (toxic, flammable, IEDP)
- No chemical inventory reporting required
- No cost services and tools that assist facilities with voluntarily developing a security plan that meets their business model and unique circumstances
- Leverage chemical security expertise to help enhance security at all facilities that possess dangerous chemicals



## ChemLock Services and Tools



### On-Site Assessments and Assistance

- ▶ Security awareness consultations
- ▶ Security posture assessment
- ▶ Actionable security planning



### ChemLock Resources

- ▶ Security planning guidance
- ▶ Security planning template
- ▶ Fact sheets and best practices



### Exercises and Drills

- ▶ Chemical security exercise templates
- ▶ CISA-facilitated tabletop exercises



### Training Courses

- ▶ Introduction to Chemical Security
- ▶ Secure Your Chemicals Security Planning



### Special Access to CISA Services

- ▶ CISA Active Shooter Preparedness
- ▶ Cyber Security Evaluation Tool (CSET) Demo



# ETA: 2025 – ChemPREP – Harris County



- Countering Weapons of Mass Destruction Office
- Threat / Risk Analysis Briefing
- Panel Discussion on local chemical concerns
- 4-6 Hour Event



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September 24, 2024

11

CISA | CYBERSECURITY AND INFRASTRUCTURE SECURITY AGENCY

## FOR MORE INFORMATION

[CISA.GOV/ABOUT/REGIONS/REGION-6](https://CISA.GOV/ABOUT/REGIONS/REGION-6)

[CISA.GOV/PROTECT2024](https://CISA.GOV/PROTECT2024)

[CISA.GOV/CHEMLOCK](https://CISA.GOV/CHEMLOCK)

[CDP.DHS.GOV/OBP](https://CDP.DHS.GOV/OBP)



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September 24, 2024

12



## Contacts:

[CISARegion6@cisa.dhs.gov](mailto:CISARegion6@cisa.dhs.gov)

[CISARegion6outreach@cisa.dhs.gov](mailto:CISARegion6outreach@cisa.dhs.gov)

[ChemLock@cisa.dhs.gov](mailto:ChemLock@cisa.dhs.gov)

[william.moore1@cisa.dhs.gov](mailto:william.moore1@cisa.dhs.gov)

Deer Park LEPC

Report August 28 – Sept. 19, 2024

**Plant Incident Reports Summary**

Level 1 - Courtesy Notification	12
Level 2 - (Watch) Potential Off Site Impact	0
Level 3 - (Warning) Off Site Impact	1
Drill, Exercise or Fire Training	11
System Test	41
<b>Training Report Submittal</b>	<b>2</b>

Level 3

**Level 3**

48201- 2024- 4293-1	Initial Report	Level 3 - (Warning) Off Site Impact	9/9/2024 5:12:00 PM	Vopak Terminal Deer Park	Vopak GCTC
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Styrene Monomer spill into ship channel