



# 2022 PREP Exercise

## USEPA Region 8

### Emergency Management Branch

Regional Response Team  
April 21, 2021

Luke Chavez, MEP – Training and  
Exercise Coordinator



# Preparedness for Response Exercise Program (PREP)



**2016 NATIONAL PREPAREDNESS  
FOR  
RESPONSE EXERCISE PROGRAM  
(PREP)  
GUIDELINES**

**DEPARTMENT OF HOMELAND SECURITY  
U.S. Coast Guard**



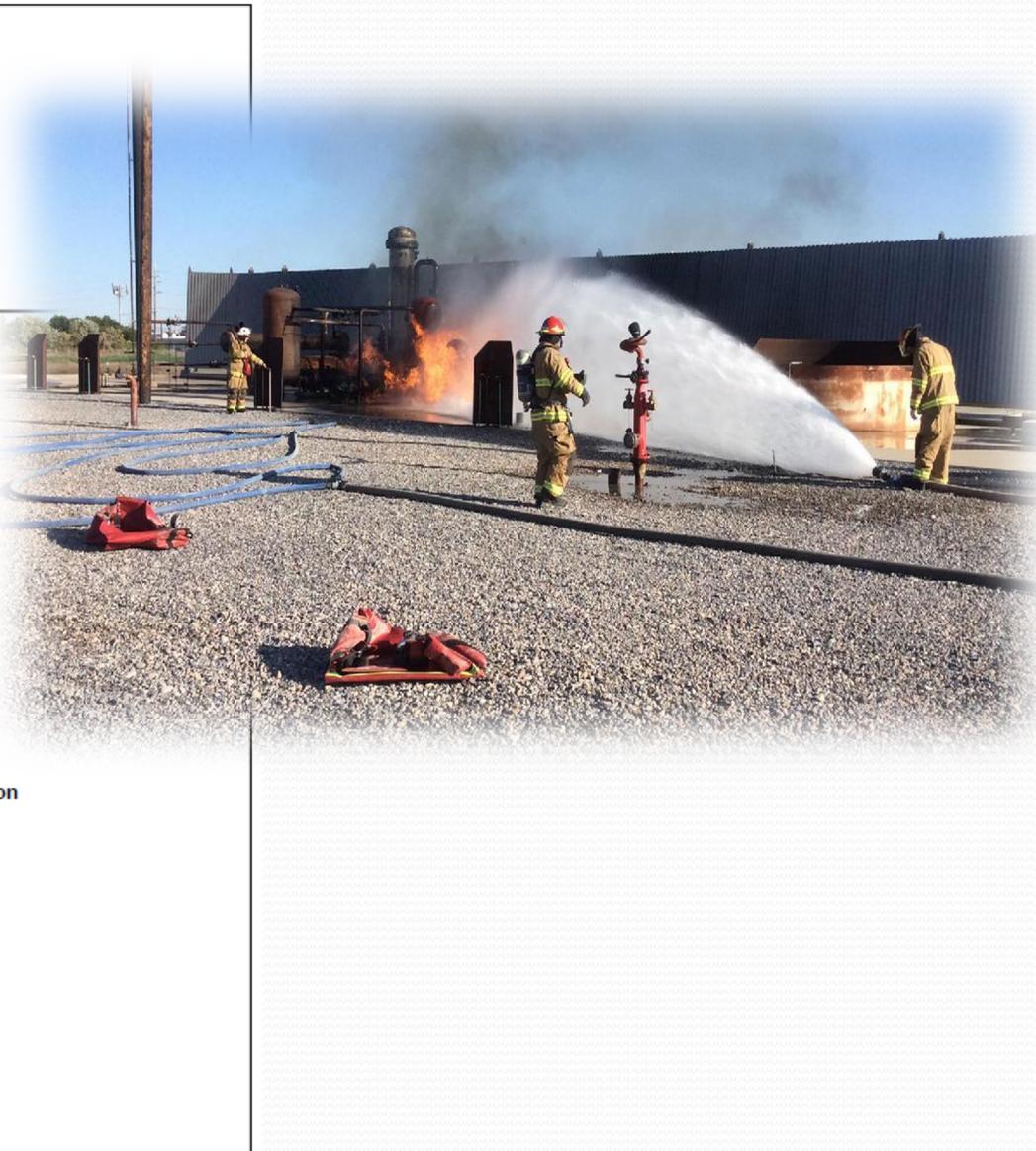
**ENVIRONMENTAL PROTECTION AGENCY**



**DEPARTMENT OF TRANSPORTATION  
Pipeline and Hazardous Materials Safety Administration**



**DEPARTMENT OF THE INTERIOR  
Bureau of Safety and Environmental Enforcement**



# Preparedness for Response Exercise Program (PREP)



- Using the PREP **Guidelines** is voluntary: they are not regulations
- Compliance with PREP Guidelines can satisfy certain regulatory requirements although not required to be used
- Developed to establish a workable exercise program that meets the intent of section 4202(a) of the Oil Pollution Act of 1990 (OPA 90)
- The PREP Guidelines describe the minimum expectations for ensuring adequate response preparedness

# Preparedness for Response Exercise Program (PREP)



<b>7.0</b>	<b>AREA/OSC EXERCISES</b>	<b>7-1</b>
7.1	DRILL: Quarterly Area Notification	7-2
7.2	TTX: Incident Management Team Exercise – Area IMT	7-3
7.3	DRILL: Equipment Deployment-Area Committee	7-4
7.4	FSE: Quadrennial Area Exercise	7-5



# Preparedness for Response Exercise Program (PREP)



- Community wide - area response
- FOSC
- Appropriate federal, tribal, state and local government, industry, and other members of the response community.
- Operations based FE/FSE
- 8-12 hours in length
- Exercise ACP along with industry response plans
- Exercise IMT's and deploy appropriate response equipment
- Meet PREP Objectives outlined in the guidelines
- Participating industry plan holders should take credit for all of the applicable exercise activities completed in the FE/FSE

# Preparedness for Response Exercise



## Program (PREP) 15 Core Components

- Notifications
- Staff Mobilization
- Operate within the response management system in their plan (mostly ICS)
- Source Control
- Assessment
- Containment
- Mitigation
- Protection
- Disposal



- Communications
- Transportation
- Personnel Support
- Equipment maintenance and support
- Procurement
- Documentation

# Preparedness for Response Exercise Program (PREP)



## Value of Conducting the PREP Exercise

- Validate Facility Response Plan and EPA's Regional Contingency Plan/sub-Area Contingency Plan
- Clarify Roles and Responsibilities in an event
- Improve response capabilities, coordination and communications
- Practice a full community response for a large-scale oil spill
- Gain public confidence
- **Build relationships/Trust**

# 2018 PREP FSE with Andeavor Corporation – Salt Lake City, UT



National Preparedness for Response Exercise Program (PREP)

2018 Area Wide Exercise

Salt Lake City, Utah • June 14, 2018



*The U.S. EPA Region 8 and Andeavor are conducting a no fault full-scale exercise (FSE) under the National Preparedness for Response Exercise Program (PREP). The exercise will take place in Salt Lake City, UT on June 14th, 2018. The FSE is designed to test the entire community response in accordance with the Tesoro (Currently Andeavor) Salt Lake City Facility Response Plan (FRP) and the U.S. EPA Region 8 Regional Contingency Plan (RCP).*

# 2018 PREP FSE with Andeavor Corporation – Salt Lake City, UT



- June 14, 2018 EPA Region 8 and Andeavor conducted a *NO FAULT/LEARNING* Full Scale PREP Exercise in Salt Lake City, UT
- 150-200 participants
  - 5 Refineries
  - 4 State Agencies
  - 4 Local Fire and Emergency Management/LEPC's
  - 4 Federal Agencies



# 2018 PREP FSE with Andeavor Corporation – Salt Lake City, UT



- **Exercise Response Goals**

- Enhance response operations for a major oil release/discharge
- Validate plans and systems needed to ensure the highest level of preparedness
- Reinforce public/private partnerships to develop a viable local response capacity
- Meet the 15 PREP core components

- **Exercise Objectives**

- Demonstrate implementation of Tesoro's response plan (FRP)
- Demonstrate implementation of the EPA Region 8 Regional Contingency Plan (RCP)
- Demonstrate integration and coordination of response activities among participating agencies.

# 2018 PREP FSE with Andeavor Corporation – Salt Lake City, UT



# 2018 PREP FSE with Andeavor Corporation – Salt Lake City, UT



# 2018 PREP FSE with Andeavor Corporation – Salt Lake City, UT



# 2014 PREP FSE with Spectra Energy – Casper, WY



## National Preparedness for Response Exercise Program (PREP) 2014

Casper, WY • May 14 and 15, 2014



The U.S. EPA Region 8 and Spectra Energy are conducting a full-scale exercise (FSE) and tabletop exercise (TTX) under the National Preparedness for Response Exercise Program (PREP). The exercises will take place in Casper, Wyoming on May 14 and 15, 2014. The FSE is designed to test the entire community response in accordance with Spectra Energy's Facility Response Plan (FRP) and the U.S. EPA Region 8 Regional Contingency Plan (RCP).

# 2014 PREP FSE with Spectra Energy

## – Casper, WY



### Exercise Goals

- Enhance response operations for a major oil release/discharge
- Validate plans and systems needed to ensure the highest level of preparedness.
- Reinforce public/private partnerships to develop a viable local response capacity.
- Meet the 15 PREP core components and Homeland Security Exercise and Evaluation Program (HSEEP) guidelines for exercise conduct.

### Exercise Objectives

- Demonstrate implementation of Spectra Energy's facility response plan (FRP).
- Demonstrate implementation of the EPA Region 8 Regional Contingency Plan (RCP).
- Demonstrate integration and coordination of response activities among participating agencies.
- Establish and operate a JIC according to National Incident Management System (NIMS) principles.



# 2014 PREP FSE with Spectra Energy

## – Casper, WY



- Over 30 federal, state and local agencies and industry companies participated
- Over 250 participants were involved

# 2014 PREP FSE with Spectra Energy



## – Casper, WY

- Overland Flow ~ 2.4 Hours to travel 1.1 Miles
- Casper Creek Transit Time ~ 2.3 Hours to travel 3.4 Miles
- North Platte Transit Time ~ 3.3 Hours to travel 11.5 Miles
- First 8 Hours (Unimpeded/Leading Edge) = 16 Miles



# 2014 PREP FSE with Spectra Energy

## – Casper, WY



# 2014 PREP FSE with Spectra Energy

## – Casper, WY



# 2009 PREP FSE with Suncor Energy

## Refinery – Denver, CO



EXERCISE—EXERCISE—EXERCISE—EXERCISE—EXERCISE—EXERCISE—EXERCISE



### OPERATION COMMERCE CITY EMERGENCY RESPONSE TRAINING EXERCISE

**THURSDAY, AUGUST 20, 2009**

**What:** Environmental Emergency Response Training Exercise

**Where:** Suncor Energy Refinery  
56th and Brighton Boulevard

**When:** Thursday, August 20, 2009  
8 a.m. to 5:00 p.m.

**Who:** U.S. Environmental Protection Agency, U.S. Coast Guard, Suncor Energy Refinery, Conoco-Phillips, CDPHE and several local agencies



# 2009 PREP FSE with Suncor Energy Refinery – Denver, CO



- Notifications
- Staff Mobilization
- Operate within the response management system in their plan (mostly ICS)
- Source Control
- Assessment
- Containment
- Mitigation
- Protection
- Disposal



- Communications
- Transportation
- Personnel Support
- Equipment maintenance and support
- Procurement
- Documentation

# 2009 PREP FSE with Suncor Energy Refinery – Denver, CO



## **FEDERAL:**

- USEPA - Region 8
- US Coast Guard – Pacific Strike Team

## **STATE:**

- Colorado Department of Public Health and the Environment
- Colorado Division of Wildlife
- Colorado State Patrol

## **OTHER:**

- Superfund Technical Assessment and Response Team (START)
- Tetrattech
- Burlington Northern and Santa Fe Railway
- Custom Environmental Services
- Belfor Environmental

## **LOCAL:**

- Suncor Energy
- Adams County Office of Emergency Management
- Rampart Search and Rescue
- Tri-County Health Department
- Fairmount Fire Department
- Northglenn Ambulance
- Metro Wastewater
- North Metro Fire Department
- Denver Environmental Health Department
- Adams/Jefferson County Hazmat
- City of Commerce City
- South Adams Fire Department
- Conoco Phillips Pipeline
- Thornton Fire Department
- Commerce City Office of Emergency Management
- North Washington Fire Department
- West Metro Fire Department
- Longmont Fire Department
- Brighton Fire Department
- Plains Pipeline



# 2009 PREP FSE with Suncor Energy Refinery – Denver, CO



# 2009 PREP FSE with Suncor Energy Refinery – Denver, CO



# 2009 PREP FSE with Suncor Energy Refinery – Denver, CO



# 2009 PREP FSE with Suncor Energy Refinery – Denver, CO



# Thank you

## Questions?

**Luke Chavez, MEP – Training and Exercise  
Coordinator**

**USEPA Region 8 – Emergency Management Branch**

**Office - 303.312.6512**

**Cell – 720.320.6250**

**Chavez.luke@epa.gov**



**National Response Center:**

**800-424-8802**

**EPA Region 8 Duty OSC (24/7):**

**303-293-1788**