

Welcome to the Fall 2024 Meeting



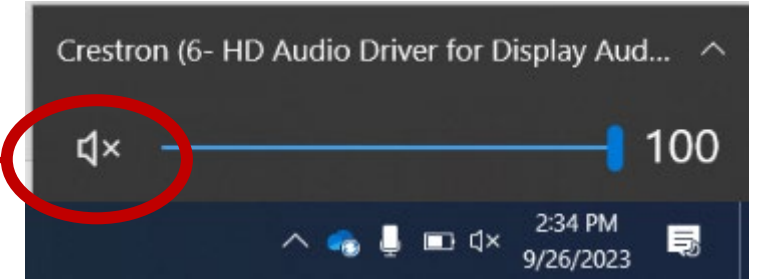
13 Nov 2024

Day 1

Meeting Call-in Number: (210) 469-3886 Passcode: 478 595 417#

Meeting Admin: In-person Attendees

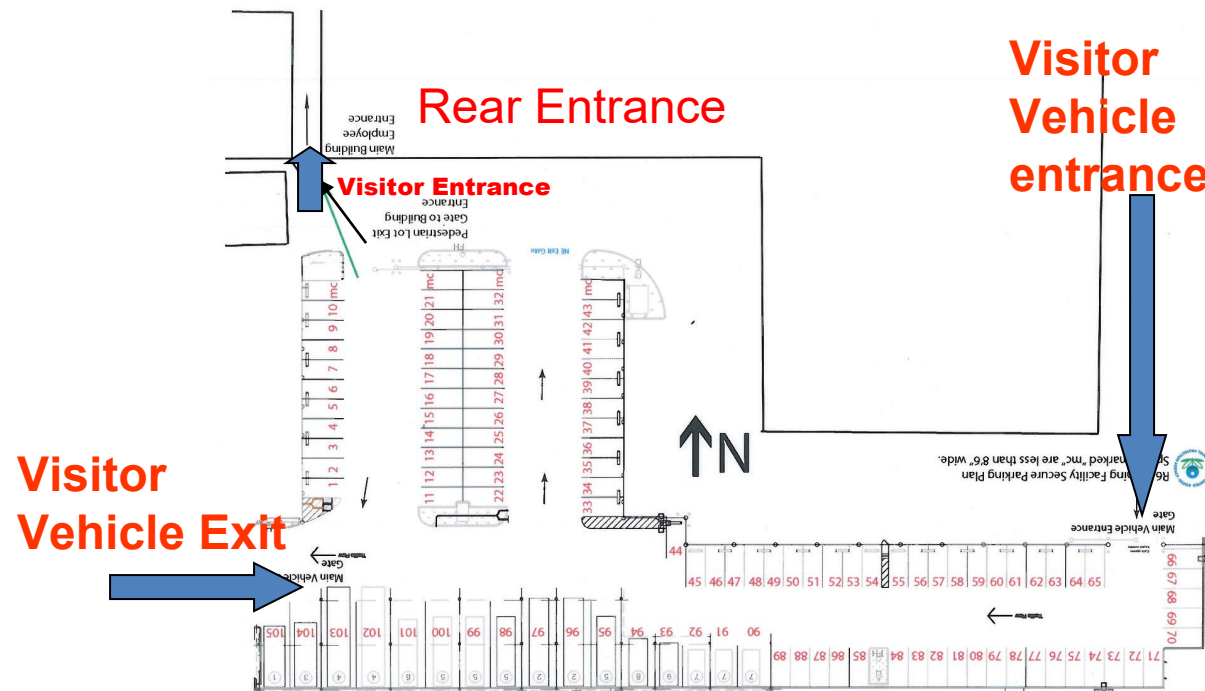
- Silence all Cell Phones
- Turn PC Speakers OFF
- Please Use Microphones and Identify Yourself
- Limit Sidebar Talking Conversations/Noise
- Avoid Acronyms
- Breaks/Lunch
- Sign in sheets



Parking Lot located in Rear

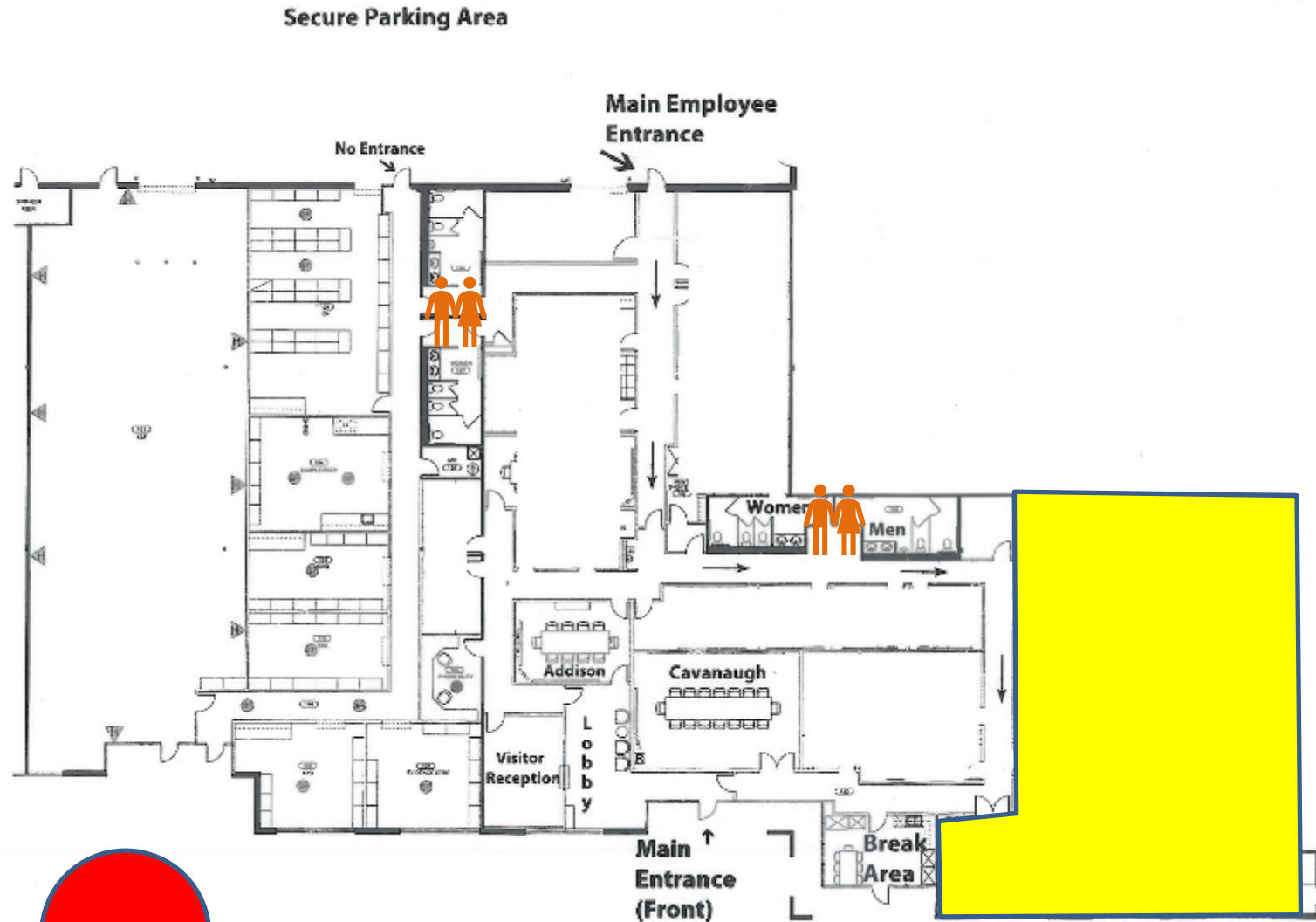
Excel Parkway

WEST GROVE ROAD



Entrance into building from SECURED parking lot – first door on the left of the facility.

Rest Rooms



Meeting Admin: Remote Attendees

- Turn off Cameras and Mute Mics
- Do not put your phones on hold
- *6 to mute/unmute
- Identify yourself when speaking
- Raise Hand and/or Use Meeting Chat
- Roll Call Process:

If you called in and you do not see your name displayed in Teams, please type your name in the meeting chat so we can add you to the meeting summary or Fisher.Kelsey@epa.gov



Day 1



2024 Regional Response Team (RRT) 6 Fall Meeting Agenda

[Register Here](#)

Co-Chairs: Craig Carroll, USEPA Michael Sams, USCG	Coordinators: Bray Fisher, USEPA Todd Peterson, USCG
---	---

Microsoft Teams Meeting

[Click here to join the meeting](#)

Meeting Call-in Number: (210) 469-3886 Passcode: 478 595 417#

Day 1		Wednesday, Nov 13, 2024	
0830 – 0900	Welcome, Introduction, & Review of Minutes	Co-Chairs & Coordinators	
0900 – 0930	Review Priority List	Dr. Keyth Pankau, USCG	
0930 – 1020	DOI Abandoned Pipelines and Orphaned Oil and Gas Wells Plugging Program	Susan Lee, DOI	
20-Minutes	Break		
1040 – 1055	Open Forum	All	
1055 – 1130	RRT-6 Co-Chair Report Outs: 1. U.S. Coast Guard (USCG) 2. U.S. Environmental Protection Agency (USEPA)	Dr. Keyth Pankau, USCG Craig Carroll, USEPA	
90-Minutes	Lunch		
1300 – 1445	State Agency Reports:		
1. Louisiana: a. Louisiana State Police (LSP) b. Louisiana Department of Environmental Quality (LDEQ) c. Louisiana Oil Spill Coordinator's Office (LOSCO)		3. Arkansas: a. Arkansas Department of Energy and Environment (ADEE) b. Arkansas Division of Emergency Management (ADEM)	
2. Texas: a. Texas Commission on Environmental Quality (TCEQ) b. Railroad Commission of Texas (TRRC) c. Texas General Land Office (TGLO)		4. New Mexico: a. New Mexico Homeland Security and Emergency Management (NMHSEM)	
		5. Oklahoma: a. Oklahoma Department of Environmental Quality (ODEQ)	
20-Minutes	Break		
1505 – 1635	Federal Agency/Tribal Reports:		
1. Region 6 Tribes 2. Dept. of Transportation (DOT) 3. Dept. of Health and Human Services (HHS) 4. General Services Administration (GSA) 5. Dept. of Agriculture (USDA) 6. Dept. of Energy (DOE) 7. Dept. of Justice (DOJ) 8. Dept. of State (DOS) 9. Dept. of Defense (DoD) a. U.S. Navy b. U.S. Army Corps of Engineers (USACE) c. Defense Coordinating Element (DCE)		10. Nuclear Regulatory Commission (NRC) 11. Dept. of Homeland Security (DHS): a. Federal Emergency Management Agency (FEMA) b. Cybersecurity and Infrastructure Security Agency (CISA) 12. Dept. of Commerce (DOC) 13. Dept. of Labor (DOL) a. Occupational Safety and Health Administration (OSHA) 14. Dept. of the Interior (DOI)	
1635 – 1640	Review Action Items	Coordinators	
1640 – 1650	Closing Remarks	Co-Chairs	
1650	Adjourn		

Revision Date: 29 Oct 2024

Day 2



2024 Regional Response Team (RRT) 6 Fall Meeting Agenda

Day 2		Thursday, Nov 14, 2024	
0830 – 0835	Welcome	Co-Chairs & Coordinators	
0835 – 0920	Net Environmental Benefit Analysis for a Hypothetical Loss of Well Control Scenario in the GoM	Dr. Victoria Broje, Shell	
0920 – 0950	EPA Case Study – Crescent Midstream - Raceland, LA	Julie Sejour, USEPA	
0950 – 1020	USCG Case Study – Pelican Island Bridge Allision Incident	LT Tracy Ham, MSU Texas City	
20-Minutes	Break		
1040 – 1140	USCG FOSC Reports (unit reps from each of the below will present ~10 min): <div><div><div>1. Sector Lower Mississippi River</div><div>2. Marine Safety Unit Port Arthur</div><div>3. Marine Safety Unit Houma</div><div>4. Sector Corpus Christi</div><div>5. Sector Houston-Galveston</div><div>6. Sector New Orleans</div></div><div><div>LT John Krueger</div><div>LT Hannah Cannon</div><div>LTJG Carla Shepherd</div><div>LT Marshall Grant</div><div>CWO2 Michael Walker</div><div>LTJG John Haksteen</div></div></div>		
1140 – 1155	Open Forum	All/Co-Chairs	
1155– 1200	Review Action Items & Future Meeting Dates	Coordinators	
1200 – 1210	Closing Remarks	All/Co-Chairs	
1210	Adjourn		

Dates for future RRT-6 Meetings		
Semiannual Meetings	Location	Dates
Spring 2025 Joint RRT-6/7 mtg	Lenexa, KS	2-3 Apr 2025
Fall 2025	Addison, TX	5-6 Nov 2025
Spring 2026	Addison, TX	6-7 May 2026
Fall 2026	Addison, TX	5-6 Nov 2026

Approve Spring 2024 Meeting Summary

	Region 6 RRT Spring Meeting May 8-9, 2024
	<i>Presentations are available online: 2024 -- Spring Meeting Presentations</i>

Executive Committee Meeting (May 7, 2024)

In-Person / Remote Attendance: Craig Carroll (USEPA), Michael Sams (USCG D8), Eric Delgado (USEPA), Kelsey "Bray" Fisher (USEPA), Todd Peterson (USCG D8), Nic Brescia (USEPA), Adam Tyndale (USCG D8), Dr. Paige Doelling, (NOAA), Dr. Karolien Debusschere (LOSCO), and Brent Koza (TGLO).
Guests: Manny Acosta (LOSCO), Jimmy Martinez (TGLO), and Steve Mason (USEPA - retired)

1. Reviewed / Revised RRT-6 Priority List

Priority List – In Progress or Continuing			
	Priority	Assigned	Status
1.	Monthly EC Teleconferences	Executive Committee	Ongoing
2.	Conduct Incident-Specific RRT (ISRRT) Teleconferences (<i>Document Results</i>)	RRT Function	Ongoing
3.	Develop Region 6 RRT Evaluation Job-Aids for Alternative Response Technologies	Preparedness Committee	On Hold
4.	Develop Non-Synthetic Loose Sorbent Guidance	Executive Committee	In Progress
5.	Develop Air Monitoring Best Practices	Executive Committee	In Progress
6.	Develop Fish and Wildlife and Sensitive Environments Plan (FWSEP)	Executive Committee	In Progress
7.	Update Inland Area Contingency Plan (ACP)	Executive Committee	In Progress
8.	Sharing Emergency Response Air Monitoring Data Management Practices	Executive Committee	In Progress
9.	Establish Subpart J Workgroup	Executive Committee	Pending

2. Discussion of Focus Topics

- Expectation management and timeframe for RRT processes (cadence document)
- Subpart J Final Rule impacts to RRT-6 and path forward
- Carryover from May and Nov 2023: 40 CFR 300.913 implementation (impacts to government and industry plans); RRT-6 opportunities
- Takeaways from the 23-25 Apr 2024 NRT-RRT Co-Chairs Mtg

3. Reviewed General Meeting Agenda

4. Discussed Logistics for General Meeting

- Meeting management protocols
- Script for USEPA and USCG

Spring 2024 Meeting Action Items

No	Items	Assigned To	Status
1.	Unmanned Aircraft Systems UAS (Drone) Data Call <i>(Availability and capabilities?)</i>	Coordinators	On Hold
2.	Fact Sheets - Alternative Fuels <i>(e.g., Ammonia and Hydrogen)</i>	EC	In progress
3.	EPA R6, D8, and SHG will collaborate and develop a facilitated TTX to work through <u>FOSC roles and responsibilities</u> in advance of SHG's PREP exercise scheduled for 31 Oct 2024.	EC	Completed
4.	Proposed new RRT-6 Priority – Develop Dispersant Monitoring Data Management Process/Plan	EC	Completed

Opening Remarks

Co-Chairs



Craig Carroll, U.S. EPA



Dr. Keyth Pankau, USCG

Introductions

- Name
- Agency / Entity

Priority List			
In Progress or Continuing			
	Priority	Assigned	Status
1.	Monthly EC Teleconferences	Executive Committee	Ongoing
2.	Conduct Incident-Specific RRT (ISRRT) Teleconferences <i>(Document Results)</i>	RRT Function	Ongoing
3.	Develop Region 6 RRT Evaluation Job-Aids for Alternative Response Technologies	Preparedness Committee	On Hold
4.	Develop Non-Synthetic Loose Sorbent Guidance (Determine if the RRT has the authority to require FOSCs to seek RRT concurrence)	Executive Committee	On Hold
5.	Develop Air Monitoring Best Practices	Executive Committee	Complete
6.	Develop Fish and Wildlife and Sensitive Environments Plan (FWSEP)	Executive Committee	In Progress
7.	Update Inland Area Contingency Plan (ACP)	Executive Committee	In Progress
8.	Sharing Emergency Response Data Management Practices	Executive Committee	In Progress
9.	Establish a Subpart J Workgroup	Executive Committee	In Progress
10.	Develop Dispersant Monitoring Data Management Process/Plan	Executive Committee	In Progress



20-Minute Break

Open Forum



Improving Oil Spill Trajectory Modeling



Briefing to the Regional Response Team
13 November 2024



Improving Oil Spill Trajectory Modeling

Objectives:

- Improve oil spill trajectory modeling process and results during exercises and during early stages of an incident for more rapid assessment of risks and tactics
- Enable preparation of Authorization Request and DMQAPP compliant with Subpart J within 48 h

Challenges:

- Differences in metocean inputs to trajectory models can result in disparities between forecasts (typically 7 days)
- Fully 3D, long-term forecasts (30 days) are needed to compare response alternatives
- These “dueling models” can cause confusion and delay decision-making

Potential Solutions (3 parallel activities):

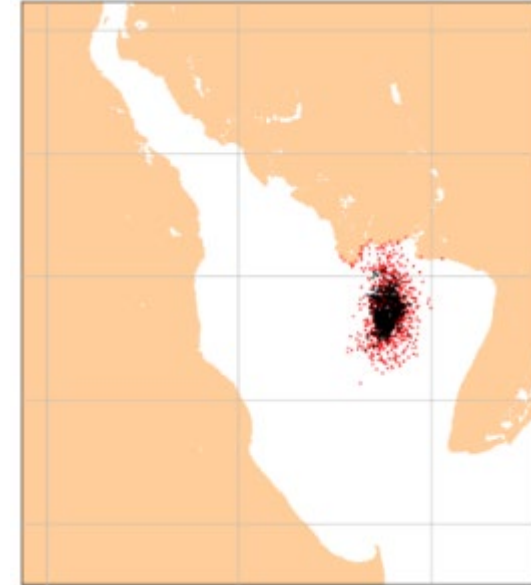
- Engage NOAA to share metocean inputs to their forecasts
- Curate hydrodynamic data to provide to third-party modelers (TRG and WOB)
- Proposed Joint Industry Project (JIP) to provide library of potential long-term trajectories to examine response alternatives

Improving Oil Spill Trajectory Modeling

Potential Solutions (3 parallel activities):

1) Engage NOAA to share their data inputs

- **NOAA is the authority for 7-day trajectory** model results using General NOAA Operational Modeling Environment (GNOME)
- Third-party models (e.g., from RPS, TRG, or WOB) are unlikely to match NOAA results in the first 7 days due to differing inputs
- To promote consistency between models for the first 7 days, **hydrodynamic/metoccean inputs should match**
- During exercises, the first 7 days of modeling results **from any provider** must be scrutinized to examine any disparities with GNOME
- A potential solution is to request that **NOAA share the inputs** they are using



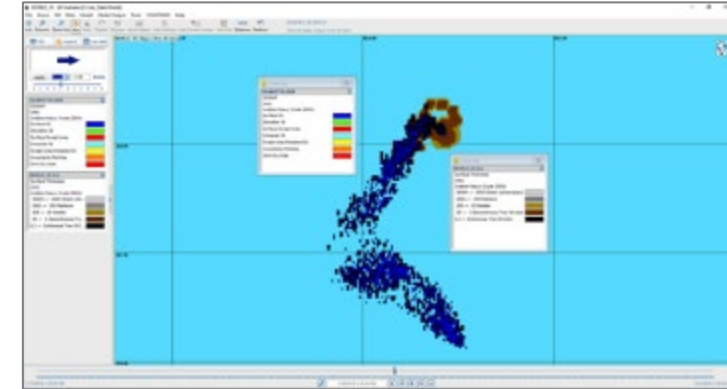
Source: GNOME model output from <https://response.restoration.noaa.gov/oil-and-chemical-spills/oil-spills/response-tools/gnome.html>

Improving Oil Spill Trajectory Modeling

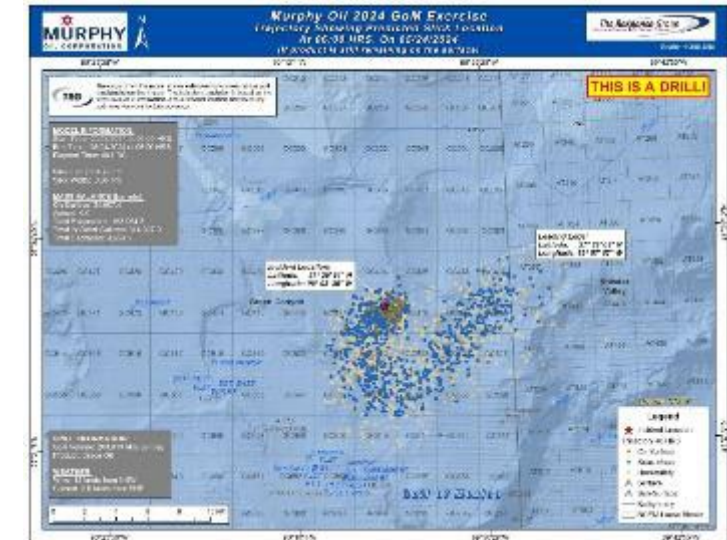
Potential Solutions (3 parallel activities):

2) Curate hydrodynamic data to provide to TRG and WOB

- Engage TRG and WOB to collaborate on improvements for 7-day model results
- TRG and WOB use GNOME, OILMAP, and OILMAP Deep, so the **quality of inputs** may improve the **quality of trajectory outputs**
- 40Geo to curate **hydrodynamic data** and organize inputs to TRG and WOB models
- Need to compare to inputs NOAA is using to maximize consistency
- Ability to run quality models with and without dispersants (surface and subsea) is **crucial for requesting Authorization for the Use of Dispersants** (40 CFR 300.910)
- Longer-term (e.g., 30-day) 3D forecasts, including consideration of enhanced oil dissolution, are needed to characterize potential effects of dispersant use.



Source: Witt O'Briens Model Output



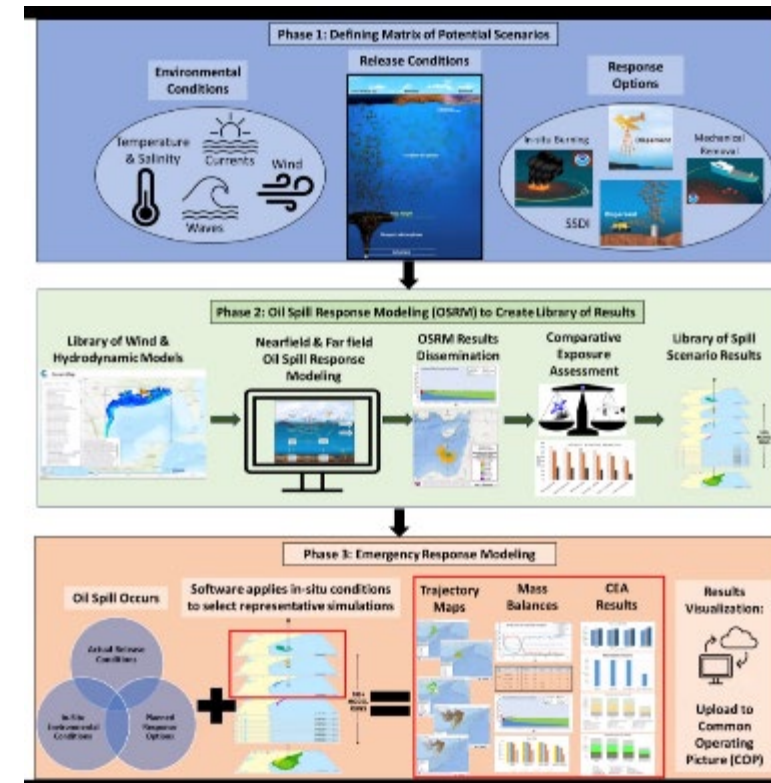
Source: TRG Model Output

Improving Oil Spill Trajectory Modeling

Potential Solutions (3 parallel activities):

3) Proposed Joint Industry Project (JIP) for Web-Based AI Tools

- RPS proposes to develop:
 - Library of historical hydrodynamic/metocean and oil spill scenarios with alternative response assumptions that provide a range of 30-day forecasts
 - Web-based “AI Tool” to select the 30-day model trajectories closest to the current metocean scenario and compare alternative response options
- Designed to be used in exercises or during the first few days of an incident to inform potential long-term trajectories and consequences of response decisions
- JIP will need engagement with NOAA and other stakeholders to use the library and AI tool to assist with decision-making
- With interest, we can provide a more detailed briefing to NOAA and the RRT



Source: RPS Proposal

RRT-6 Co-Chair Report Outs

Dr. Keyth Pankau, USCG D8

Craig Carroll, EPA R6

RRT-6 Co-Chair Report Outs

- USCG D8



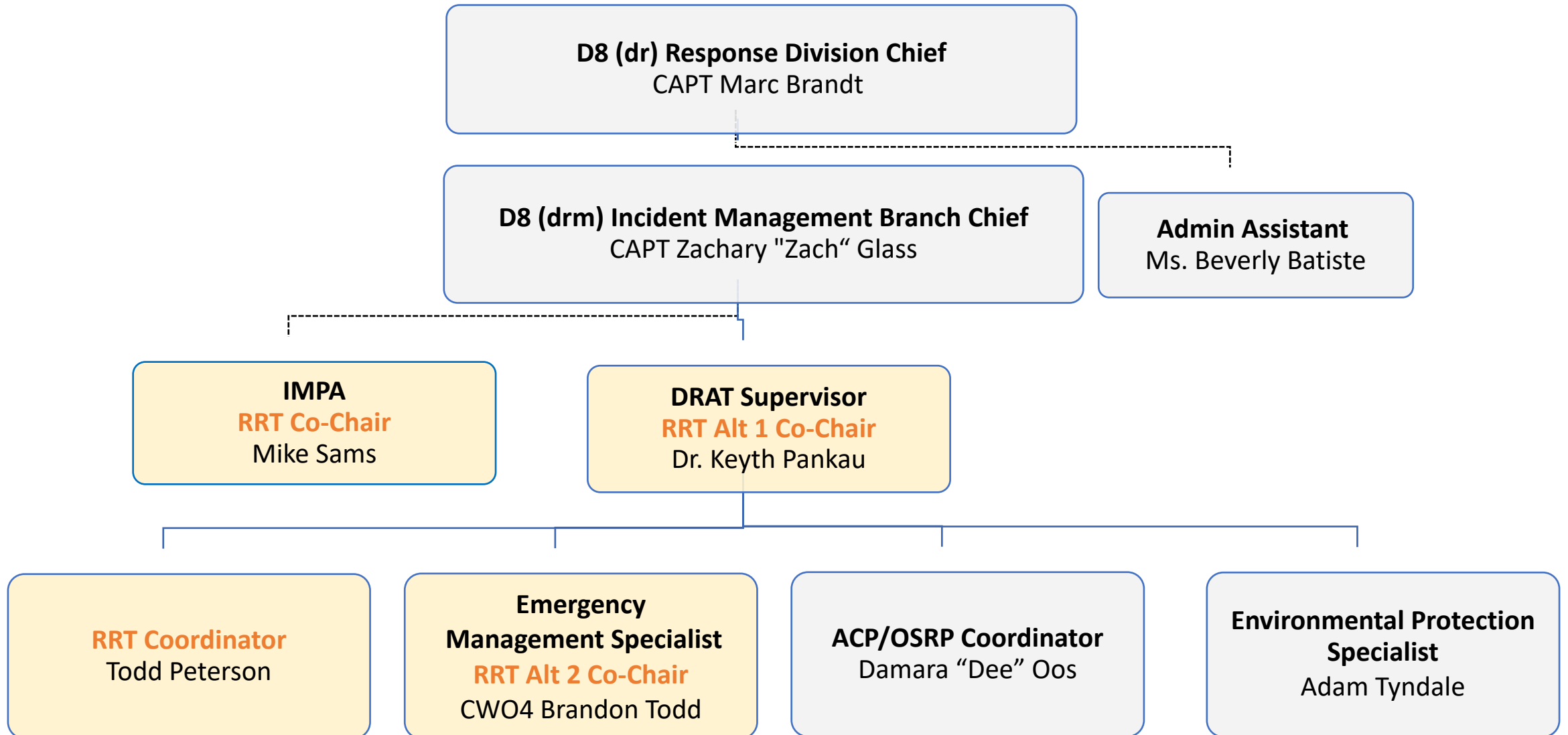
Dr. Keyth Pankau, USCG D8



Role	RRT Member	Contact Info
Co-Chair	Mr. Michael Sams	(571) 607-5403 Michael.K.Sams@uscg.mil
Co-Chair Alternate 1	Dr. Keyth Pankau	(206) 815-1056 Keyth.A.Pankau2@uscg.mil
Co-Chair Alternate 2	CWO4 Brandon Todd	(571) 607-0442 Brandon.L.Todd@uscg.mil
Coordinator	Mr. Todd Peterson	(571) 607-6190 Todd.M.Peterson@uscg.mil



D8 (drm) Incident Management Branch





Overview

- Preparedness
- Annual Coastal Area Contingency Plan Update
- Environmental Consultations



Laws/Regulations/Policies

- **CG Headquarters:**

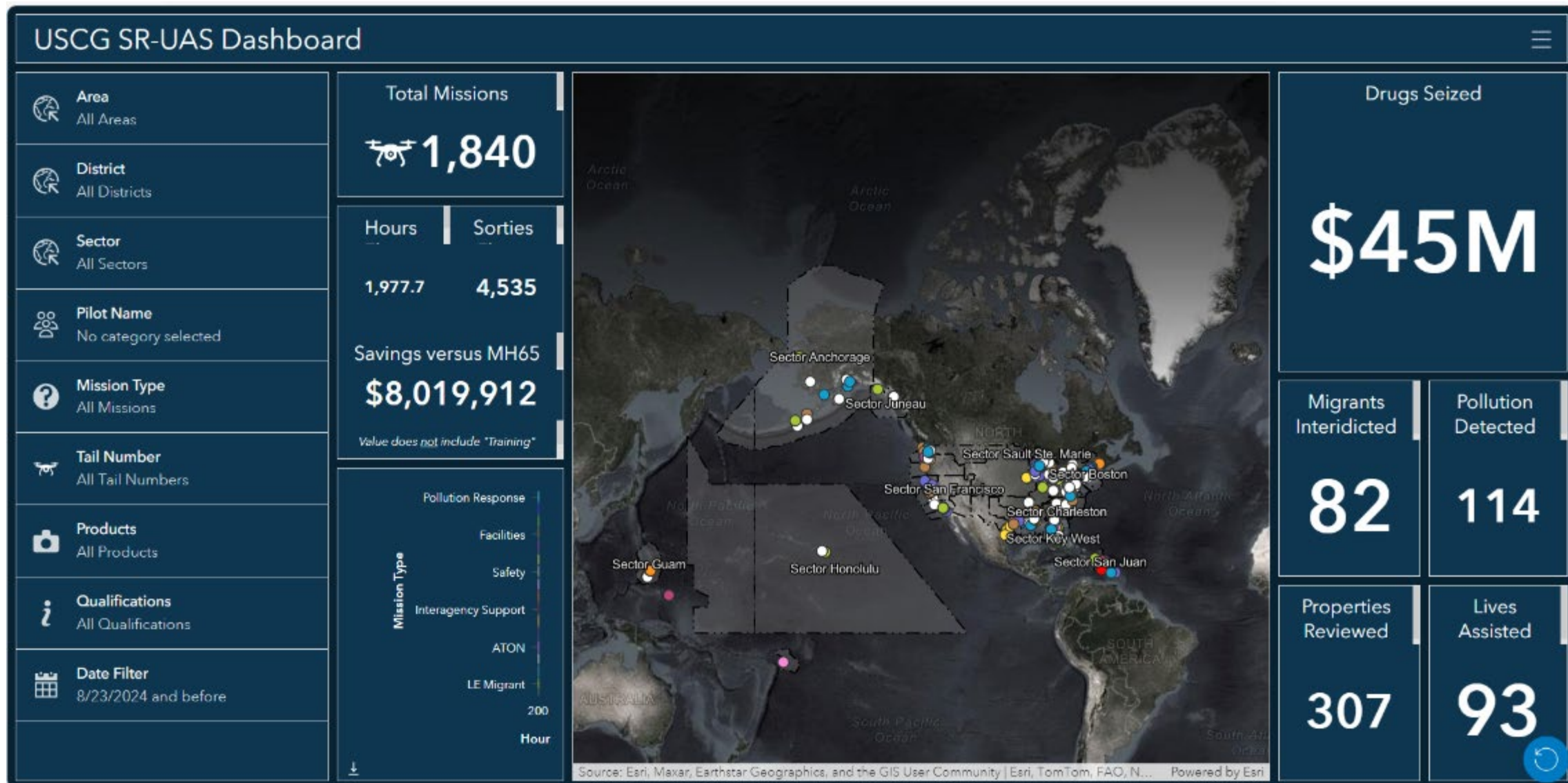
- CG Incident Management Handbook (IMH)
- CG Marine Environmental Response and Preparedness Manual
- Coast Guard National Review Panel (CGNRP)
- Short Range Unmanned Aircraft Systems (SR-UAS)

- **CGD 8:**

- District Response Group (DRG) Exercise and Federal On-Scene Coordinator Representative (FOSCR) College



USCG SR-UAS Dashboard



Updated 23 Aug 2024

[USCG SR-UAS Dashboard](#)



Accomplishments

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
International Oil Spill Conference (IOSC)	New Orleans, LA	13-16 May 2024
RRT-4 Meeting	Gautier, MS	29-30 May 2024
API Dispersant Workshop	OHMSETT, Leonardo, NJ	26-27 Jun 2024
District Response Group (DRG) / FOSCR College	Sector Houston-Galveston, TX	15-19 Jul 2024
RRT-7 Meeting	Lenexa, KS	14-15 Aug 2024
RRT-8 Meeting	Denver, CO	23-24 Oct 2024
RRT-5 Meeting	Indianapolis, IN	29-30 Oct 2024
FOSC Roles and Responsibilities TTX	USCG Sector Houston-Galveston	26 Sep 2024



Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
RRT-4 Meeting Postponed	Atlanta, GA	22-24 Oct 2024 TBD
Clean Gulf Conference	Houston, TX	18-20 Nov 2024
Joint RRT-6 / RRT-7 Meeting	Lenexa, KS	2-3 Apr 2025
Clean Waterways Conference	Denver, CO	22-25 Apr 2025

RRT-6 Co-Chair Report Outs

- USEPA

Craig Carroll, EPA R6



Networking Event

BJ's Restaurant and Brewhouse

4901 Belt Line Road

Dallas, TX 75254

972-392-4600





LUNCH



90-MINUTES

State Report Outs





Louisiana State Police (LSP)

Captain Christopher Adams



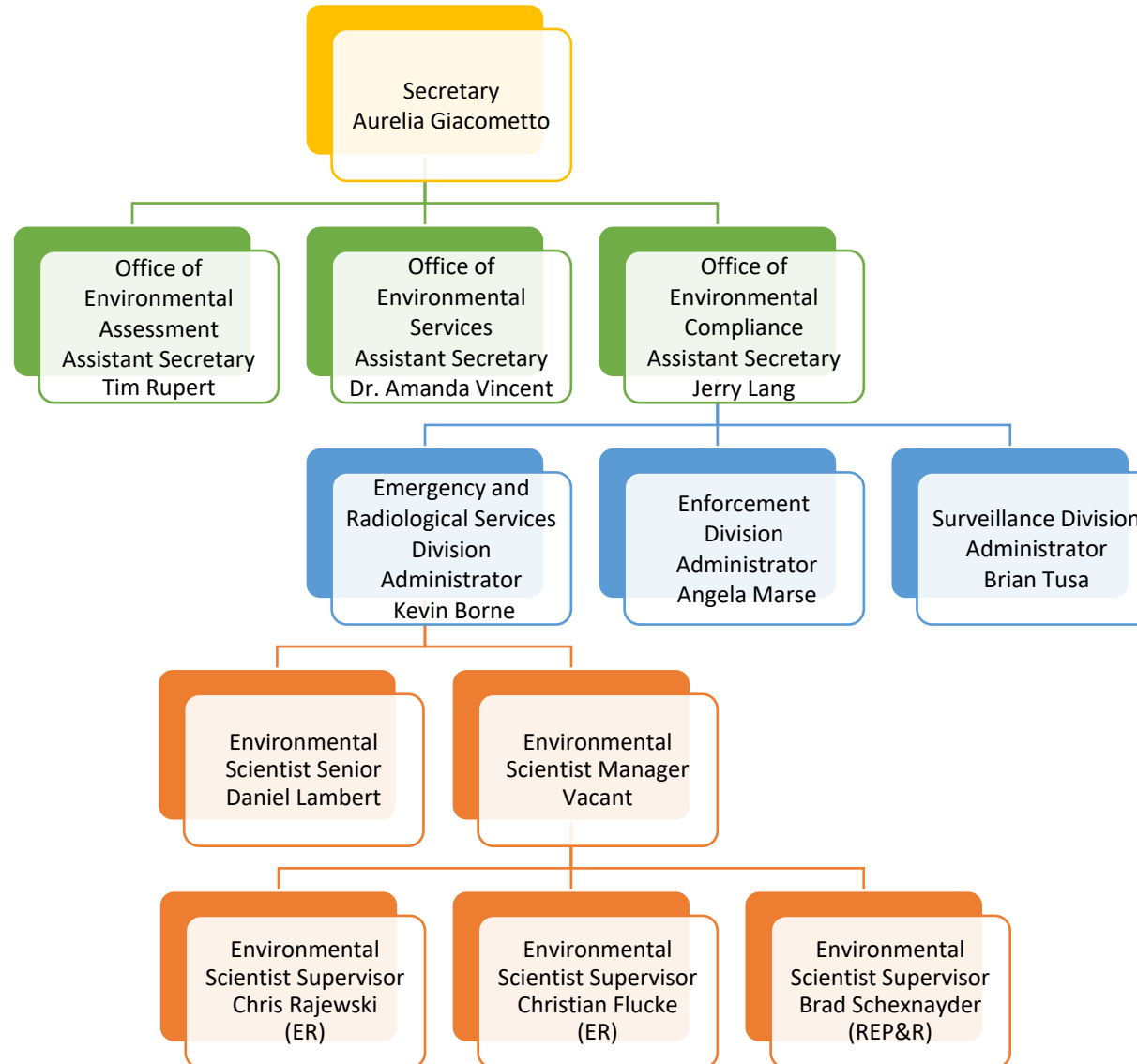
Louisiana Department of Environmental Quality (LDEQ)

Daniel Lambert



Role	RRT Member	Agency	Contact Info
Primary	Kevin Borne	LDEQ	225-219-3616 Kevin.Borne@la.gov
Alternate	Daniel Lambert	LDEQ	225-219-3368 Daniel.Lambert@la.gov
Alternate	Christian Flucke	LDEQ	225-219-3619 Christian.Flucke@la.gov
Alternate	Shane Miller	LDEQ	225-262-5586 Shane.Miller2@la.gov

LDEQ Organizational Chart



Notification/Response Activities Overview

- 2,929 Industry Notifications and Complaints processed by Single Point of Contact (April 28, 2024 - October 23, 2024)
- 570 - Emergency Responses (April 28, 2024 - October 23, 2024)

Crescent Midstream – 7/27/24 – Raceland, LA



- Crude Oil release to Bayou Lafourche - Approximately 820 bbls
- Release was due to an overfilled frac tank being used during maintenance operations
- Stormwater valve was open on secondary containment
- Approximately 9 miles of Bayou Lafourche were affected

Chevron REG – 9/19/24 – Geismar, LA

- Hydrogen and Fuel Gas released from maintenance operations in a process unit.
- Gasses ignited resulting in 2 personnel treated for 1st and 2nd degree burns.
- Multiple road closures.
- Neighboring facilities sheltered in place.
- Off-site air monitoring results exhibited ambient conditions.

Union Pacific – 10/18/24 – Donaldsonville, LA



- Fifteen (15) Car Derailment
- Two (2) Sulfuric Acid – No Release; Three (3) Propylene Residue - No Release; Four (4) Glyphosate Cake Minimal Release; Three (3) Cyanuric Acid Wet Cake Minimal Release
- No Adverse Air Monitoring Levels Detected
- Offloading and clean-up is ongoing

Accomplishments - ER

Since Last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Colonial Pipeline Workshop	Paradis	April 24-25, 2024
Louisiana Emergency Management Conference	Lake Charles	May 6-8, 2024
State and Federal ESF-10 Pre-Hurricane Season Conference Call	Virtual	May 14, 2024
Secure the Cities PRND Course	Baton Rouge	May 21 & 22, 2024
Accepted Ownership of New ER Vessel	Baton Rouge	August 19, 2024
HAZMAT IQ Course	JESTC	August 26, 2024

Accomplishments - ER

Since Last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
ESF-10 Lead Meetings	GOHSEP	Multiple
Louisiana Chemical Association Meetings	LCA	Multiple
LEPC Meetings	Various	Multiple
Meetings with EPA and Contractors concerning Response Manager	Various	Multiple
Multiple Facility Tours with LSP - ESU	Various	Multiple
State Hurricane Response Calls	Various	Multiple

Accomplishments - ER

Since Last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
GOHSEP Regional Pre-Hurricane Season Meetings	Various	Multiple
ER Responses	Statewide	Multiple
Nuclear Power Plant Drills	Various	Multiple
RNA's & Overflight Following Hurricane Francine	Various	Multiple
3 Emergency Response Drone Pilots	Statewide	-----

Accomplishments (REPR)

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Kenner Fire Department Emergency Worker Monitoring and Decontamination Station Training	Kenner, LA	May 20-22, 2024
Kenner Fire Department Emergency Worker Monitoring and Decontamination Station Walk-Through	Kenner, LA	May 28, 2024
Kenner Fire Department Emergency Worker Monitoring and Decontamination Station Demonstration	Kenner, LA	May 30, 2024
Pointe Coupee Parish Emergency Operations Center Training	Morganza, LA	June 13, 2024
Jackson Fire Department Emergency Worker Monitoring and Decontamination Station Radiation Refresher	Jackson, LA	June 17, 2024
River Bend Station Biennial Exercise	Various	June 25, 2024

Accomplishments (REPR)

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Hostile Action Based Workshop	Baton Rouge, LA	July 30, 2024
River Bend Station Site Drill	Multiple	August 14, 2024
West Baton Rouge Emergency Worker Monitoring and Decontamination Radiation Refresher	Port Allen, LA	August 22, 2024
Waterford 3 Station Site Drill	Multiple	August 27, 2024
Grand Gulf Nuclear Station Site Drill	Multiple	August 28, 2024
Pointe Coupee Emergency Worker Monitoring and Decontamination Station Radiation Refresher	New Roads, LA	September 3-4, 2024
Trinity Medical MS-1 Walk-Through	Ferriday, LA	September 4, 2024

Accomplishments (REPR)

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Hurricane Preparedness Conference Calls with FEMA, Entergy, NRC, and risk Parishes	Virtual	September 9-12, 2024
Trinity Medical M-1 Demonstration	Ferriday, LA	September 19, 2024
West Jefferson Medical Center MS-1 Walk-Through	Marrero, LA	September 24, 2024
West Jefferson Medical Center MS-1 Evaluated Demonstration	Marrero, LA	September 26, 2024
Waterford 3 Station Site Drill	Multiple	October 1, 2024
Grand Gulf Nuclear Station ORO Training and Facility Tour	Port Gibson, MS	October 2, 2024
Zachary Fire Emergency Worker Monitoring and Decontamination Center Training	Zachary, LA	October 7-9, 2024

Outlook (ER)

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
ESF-10 Lead Meetings	GOHSEP	Multiple
Louisiana Chemical Association Meetings	LCA	Multiple
LEPC Meetings	Various	Multiple
Multiple Facility Tours with LSP - ESU	Various	Multiple

Outlook (REPR)

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Grand Gulf Nuclear Station Site Drill	Multiple	October 15, 2024
West Feliciana Parish Hospital Radiation Refresher	St. Francisville, LA	October 21, 2024
Our Lady of the Lake MS-1 Training	Baton Rouge LA	October 22, 2024
Our Lady of the Lake MS-1 Walk-Through	Baton Rouge LA	October 23, 2024
Our Lady of the Lake MS-1 Evaluated Demonstration	Baton Rouge, LA	October 24, 2024
Post-Plume and Ingestion Pathway Workshop	Baton Rouge, LA	October 29, 2024

Outlook (REPR)

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Pointe Coupee Fire Department Emergency Worker Monitoring and Decontamination Station Demonstration	New Roads, LA	TBD
River Bend Station Site Drill	Multiple	December 4, 2024
Grand Gulf Nuclear Station Hostile Action Based Planning Meeting	TBD	December 17, 2024
Grand Gulf Nuclear Station Walk-Through	Multiple	February 18, 2024
Grand Gulf Nuclear Station Evaluated Exercise	Multiple	March 18, 2025

Hurricane Preparedness

Pre-Storm

Hurricane Beryl

State Coordination Calls

Hurricane Francine

State Coordination Calls

State/Federal ESF-10 Conference Call

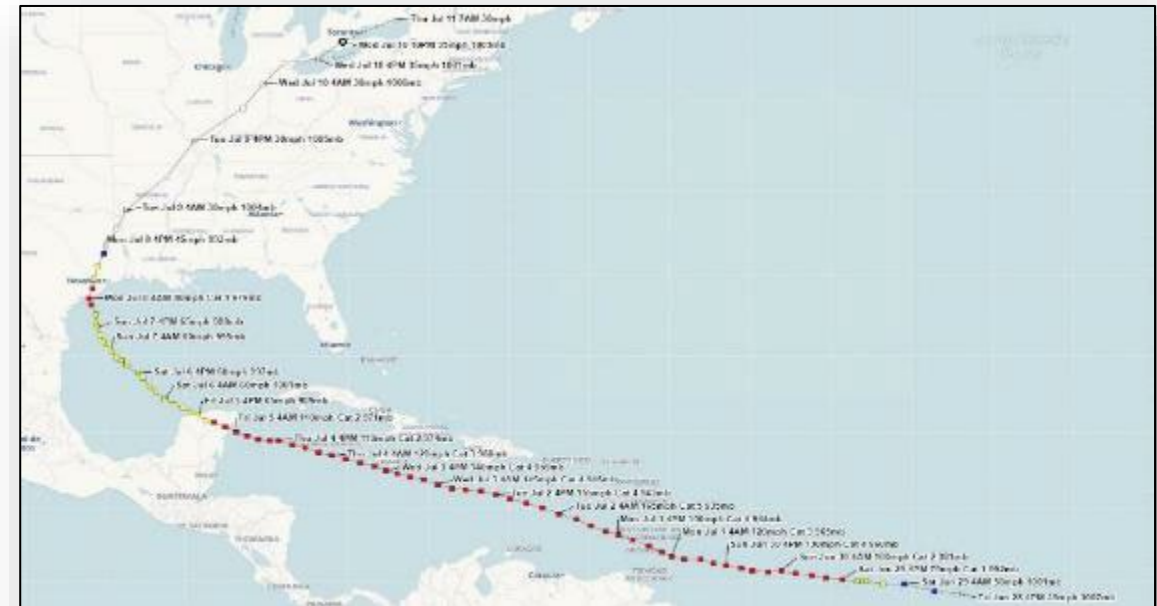
Governor's UCG Meeting

Facility & Liaison Outreach

RNA Coordination with LSP

Debris Site Coordination

Nuclear Power Plant Outreach





Hurricane Beryl – Category 1 – 7/8/24

Minimal Impacts to State

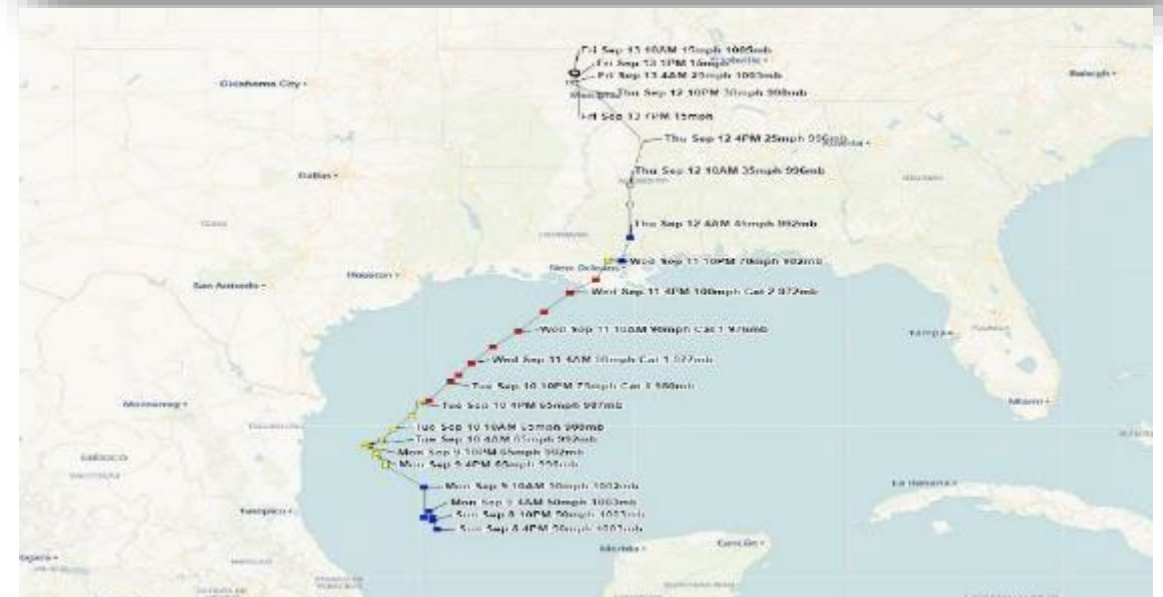
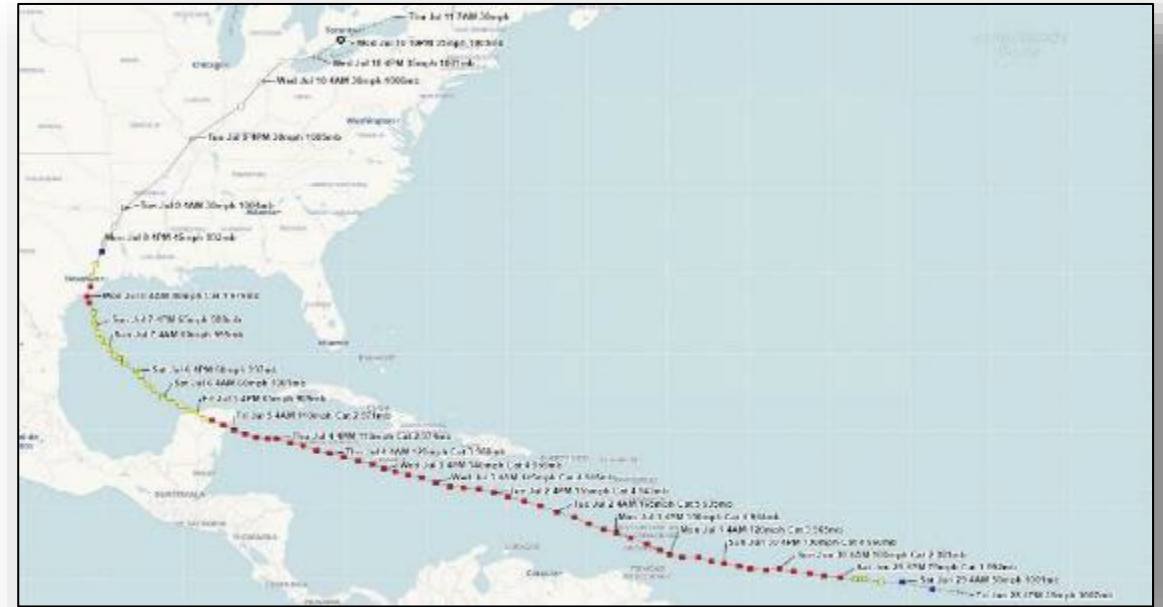
State Coordination Calls

Governor's UCG Meetings

Overflight Conducted with LOSCO & USCG

35 Notifications / 7 ER

Debris Site Assessments – 12 EDSs Activated





Hurricane Preparedness Hotwash



- RNA Coordination with LSP
- Overflight Coordination with LOSCO and USCG
- Notification Driven Assessments
- Response Manager



Louisiana Oil Spill Coordinator's Office (LOSCO)

Karolien Debusschere

Louisiana - LOSCO



- Personnel
- Laws/Regulations/Policies
- Hurricane Preparedness
- Planning Activities/Priorities
- RRT Activations
- LOSCO Spill Contact Information



Agency Organization Chart

Department of Energy and Natural Resources -Secretary	Tyler Gray
Department of Energy and Natural Resources – Deputy Secretary	Dustin Davidson
Louisiana Oil Spill Coordinator’s Office - Coordinator	Manny Acosta
Louisiana Oil Spill Coordinator’s Office - Deputy Coordinator	Karolien Debusschere
Louisiana Oil Spill Coordinator’s Office - Program Manager	Gina Saizan
Louisiana Oil Spill Coordinator’s Office - Responders	Multiple

Louisiana - LOSCO



Role	RRT Member	Agency	Title	Contact Info
Primary	Karolien Debusschere	LOSCO	Deputy Coordinator	225-925-7017 Karolien.Debusschere@la.gov
Alternate	Gina Saizan	LOSCO	Program Manager	225-925-7016 Gina.Saizan@la.gov
Alternate	Manny Acosta	LOSCO	Coordinator	225-925-1940 Manny.Acosta@la.gov



Laws/Regulations/Policies



HB 810/ACT727



Hurricane Preparedness

Post Landfall/ Hotwash



- Hurricane Francine
 - Pre-storm Coordination call with State and Federal partners
 - Post-Storm overflight with State and Federal partners (LOSCO, LDEQ, USCG, LSP)
 - Post-Storm briefing call
 - NO ESF10 Mission Assignment

Accomplishments

Since Last RRT Meeting 8-9 May 2024

Federal, state, and local Planning and Coordination Efforts		
Description	Name	Dates
Drills	SPR West Hackberry PREP Exercise	05/15/24
	Citgo WCD	09/24-26/24
	GIUEs and EVs (USCG and BSEE)	Multiple
	Valero Port Arthur Exercise	10/03/24
	BP GOM Full Scale Functional Exercise	10/23-24/24
Meeting	SELA Area Committee Meeting	05/22/24
	LA Statewide Area Committee Executive Steering Group (LA SACESG)	06/11/24 & 10/08/24
	EPA OSC Monthly Meeting	06/03/24
	EPA, LOSCO, LSP, LDEQ Coordination Meeting	06/05/24
	SCLA AC Meeting **Cancelled**	09/10/24** TBD
	USCG MSU Baton Rouge Unit Coordination Meeting	09/20/24
	USCG MSU Lake Charles Unit Coordination Meeting	09/26/24
Plan	Area Contingency Plans	n/a 58

Outlook

Until Next RRT meeting 2-3 April 2025 and beyond

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Meeting	Norfolk Southern Safety Training	11/19/24
	NAS Gulf Research Program Orphaned Well	12/04/24
	SETX-SWLA Area Committee Meeting	03/19/25
	SELA Area Committee Meeting	05/22/25
	SCLA Area Committee Meeting	2024 TBD and 09/09/25
Drill	SWLA Hurricane TTX	04/24/25
	PREP Area IMT TTX with MSU Houma and Sector New Orleans	06/10-12/25
	GIUEs and EVs	multiple
Plan	RRT-6 Priorities	ongoing
	LA Statewide Area Committee Executive Steering Group Priorities (LA SACESG) (see next 3 slides)	ongoing
	Area Committee Priorities	TBD



LA Statewide Area Committee Executive Steering Group (LA SACESG)

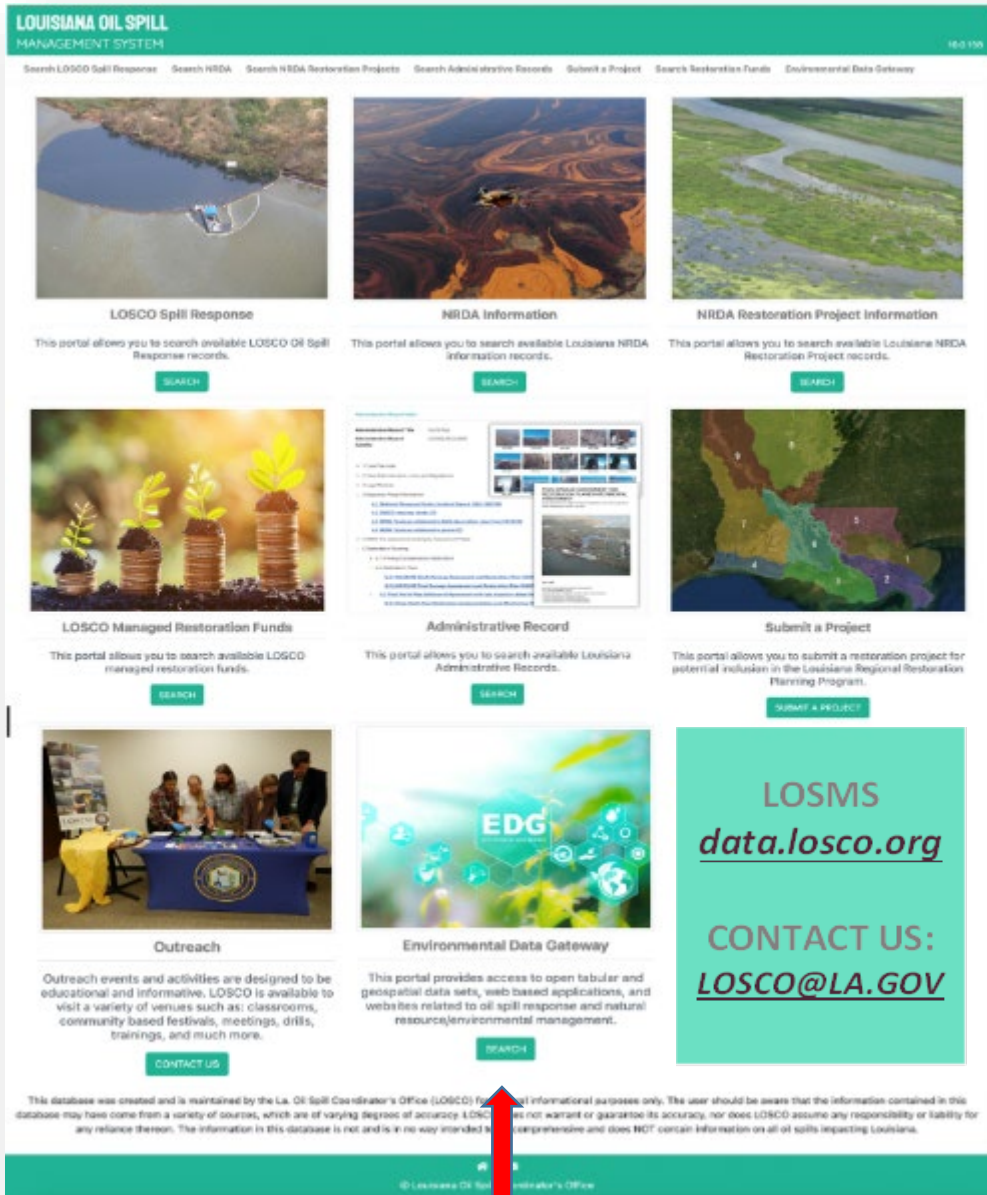


Priority List – In Progress or Continuing			
Priority		Assigned	Status
1.	Conduct Two ESG Teleconferences Annually	LA SACESG	Ongoing
2	Conduct One Face-To-Face Meeting Annually	LA SACESG	Ongoing
3	Prioritize ACP Updates	LA SACESG	Ongoing
4	Prioritize ACP Outreach Activities	LA SACESG	In Progress
5	Implement Best Practices for State Historic Preservation Office (SHPO) Engagement	LA SACESG	In Progress
6	Training, Exercises, Lessons Learned Statewide Information Sharing	LA SACESG	In Progress
7	Revise ESF-10 Guidance and Natural Disaster Response Plan (NDRP)	LA SACESG	In Progress
8.	Develop Abandoned Facilities/Wells Assessment and Mitigation SOP	LA SACESG	In Progress

LA SAC Executive Steering Group Planning Priority List Highlights

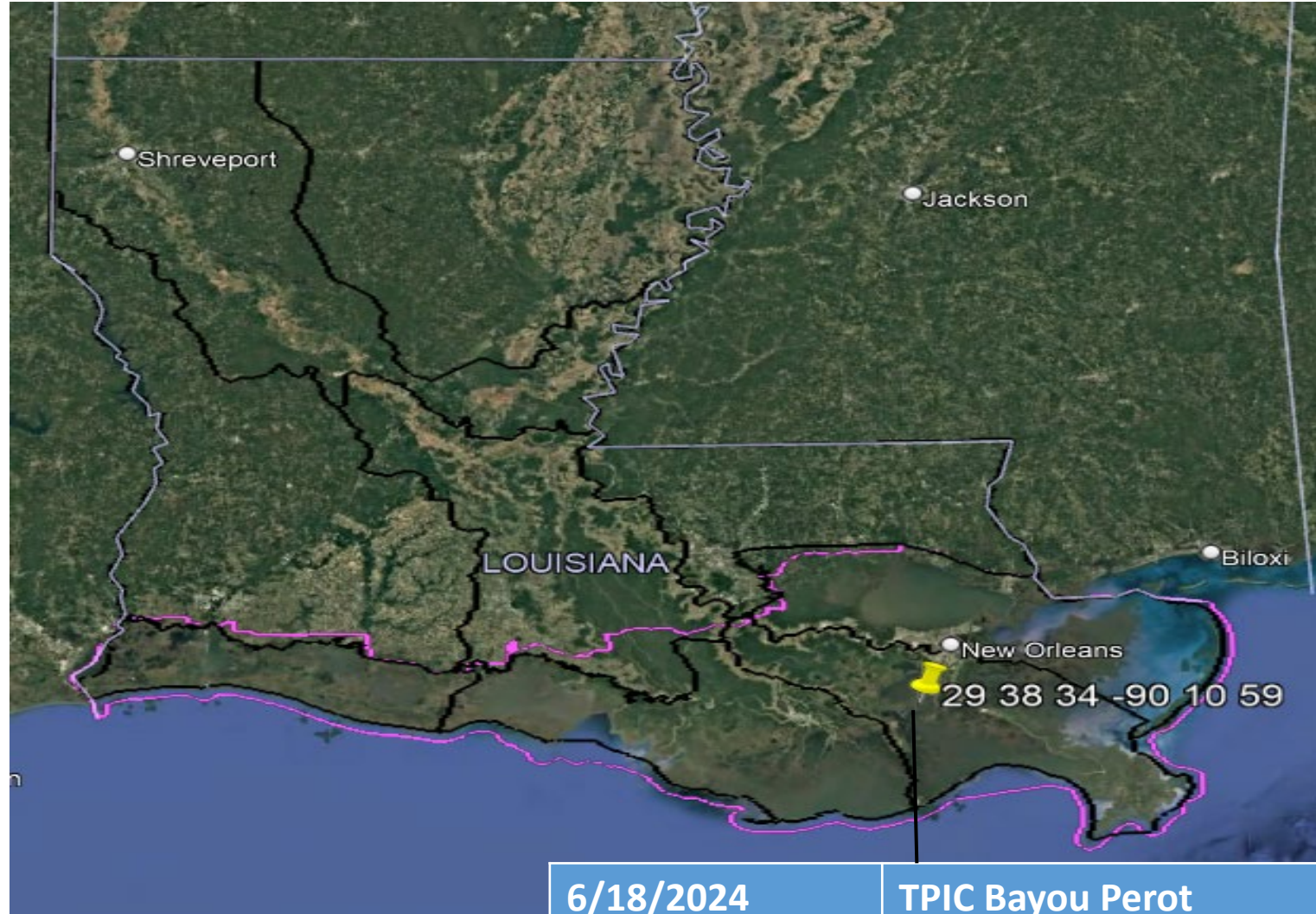
- Prioritize ACP updates:
 - Environmental Data Gateway
 - Risk Analysis: Shoreline Cleanup Methods
 - Annex 2 – Contact Spreadsheet

Louisiana Oil Spill Management System (LOSMS)



- Oil Spill Response Records
- NRDA Information
- NRDA Restoration Project Information
- LOSCO Managed Restoration Funds
- Administrative Records
- Restoration Project Submittal
- Outreach Event Request
- Environmental Data Gateway

RRT Activation





Louisiana Oil Spill Coordinator's Office

Department of Energy and Natural Resources

24 hour Emergency Response Contact:

225 200 1921

La.oilspill@la.gov

To report an oil spill, call:

LSP HAZMAT HOTLINE 877 925 6595

NRC HOTLINE 800 424 8802





Railroad Commission of Texas (RRC)

Peter Pope



Railroad Commission of Texas – Personnel Updates

Role	Name/Position	Division/Section	Contact Info
Co-Primary RRT Representative	Peter G. Pope, Manager	Oil & Gas – Site Remediation – Field Operations	512-463-8202 peter.pope@rrc.texas.gov
Co-Primary RRT Representative	Tina Tran, Engineering Specialist	Oil & Gas – Site Remediation – Field Operations	512-463-6417 tina.tran@rrc.texas.gov
Alternate RRT Representative	Melissa LaSalle, Engineering Specialist	Oil & Gas – Field Operations	512-463-6799 melissa.lasalle@rrc.texas.gov



Laws/Regulations/Policies

RULE 8 (Water Protection) Updates

Amend §3.8 and other rules in Chapter 3, and new and amended rules in Chapter 4 to update oil and gas waste management procedures and incorporate recent legislation. Public Comment ended Oct 15. Comments posted at web site.

<https://www.rrc.state.tx.us/general-counsel/rules/proposed-rules/>

FY 2025 Monitoring Enforcement Plan

The purpose of this plan is to define and communicate the Oil and Gas Division's strategic priorities for its monitoring and enforcement efforts. The plan confirms many of the division's current priorities as well as establishing direction for data collection, stakeholder input, and new priorities for fiscal year 2025.

<https://www.rrc.texas.gov/oil-and-gas/compliance-enforcement/enforcement-activities/>



Outlook

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
HAZWOPER 8-hr Refresher	RRC Austin	March 2025
NDOW	TCEQ Austin	January 8 and 9, 2025



Metrics/Trends/Challenges

State Funding for Emergency Well Plugging Activities

- Requesting additional funds from legislature
- Reviewing response procedures for emergency breakouts

Federal Infrastructure Investment and Jobs Act (IIJA)

- ESA and NHPA Compliance



Texas General Land Office (TGLO)

Oil Spill Prevention and Response

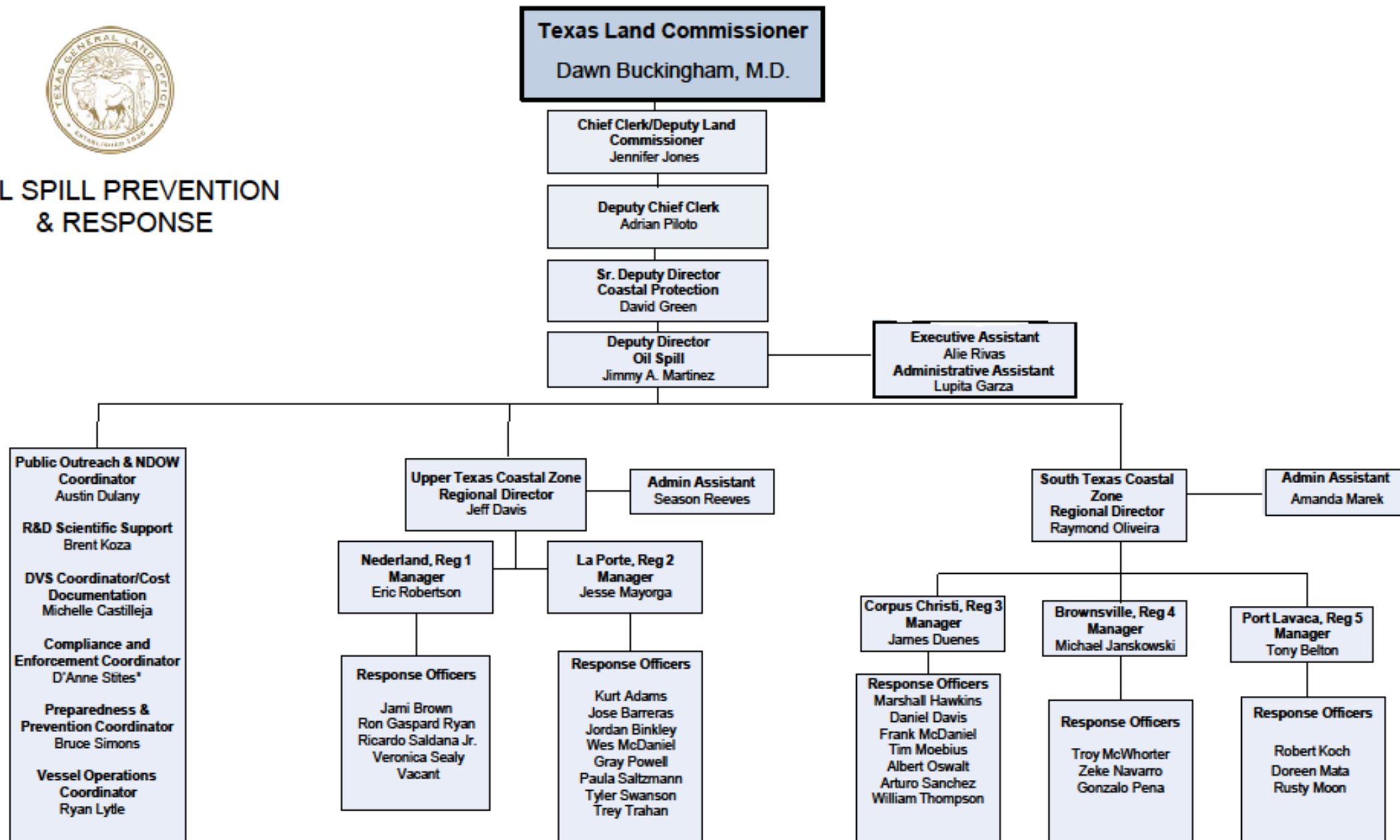
Brent Koza



Role	RRT Member	Agency	Contact Info
Primary	Jimmy A. Martinez	General Land Office	512-475-1575 Jimmy.a.Martinez@glo.texas.gov
Alternate	Brent Koza	General Land Office	361-438-4928 Brent.koza@glo.texas.gov

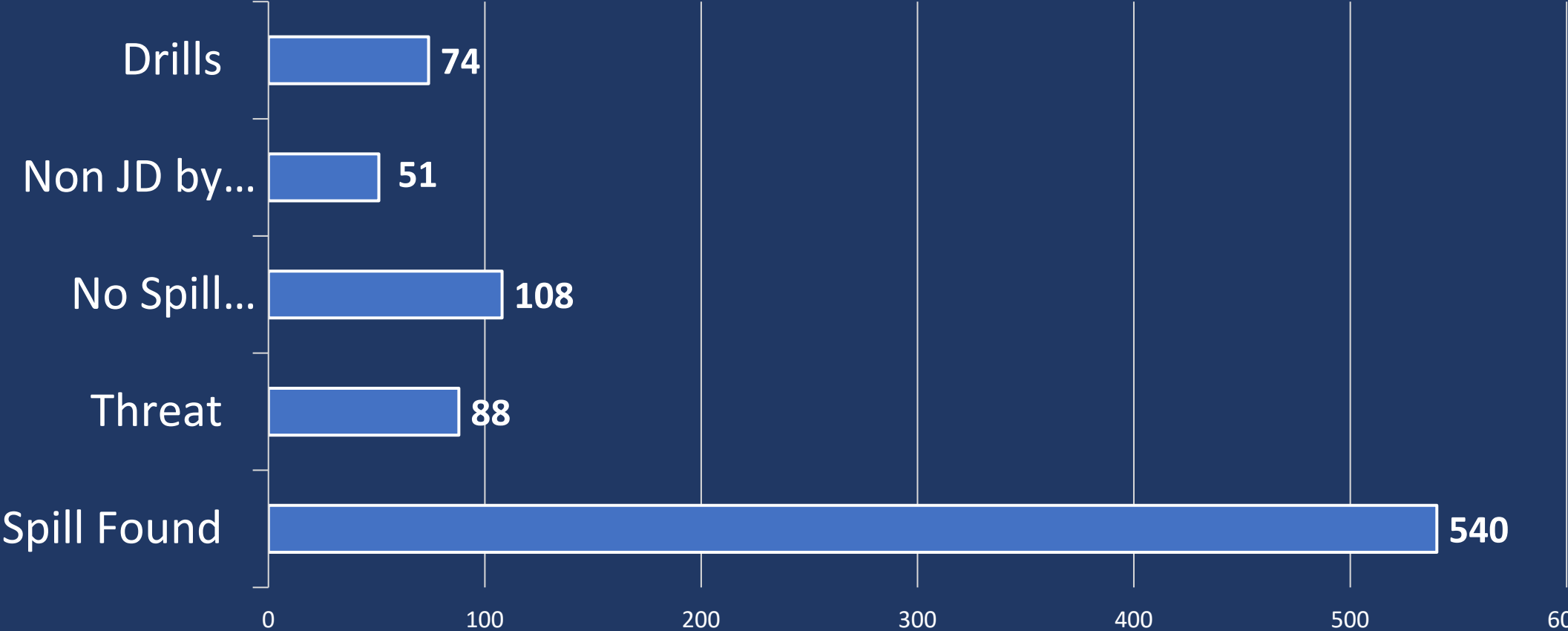


OIL SPILL PREVENTION & RESPONSE



Oil Spill Responses

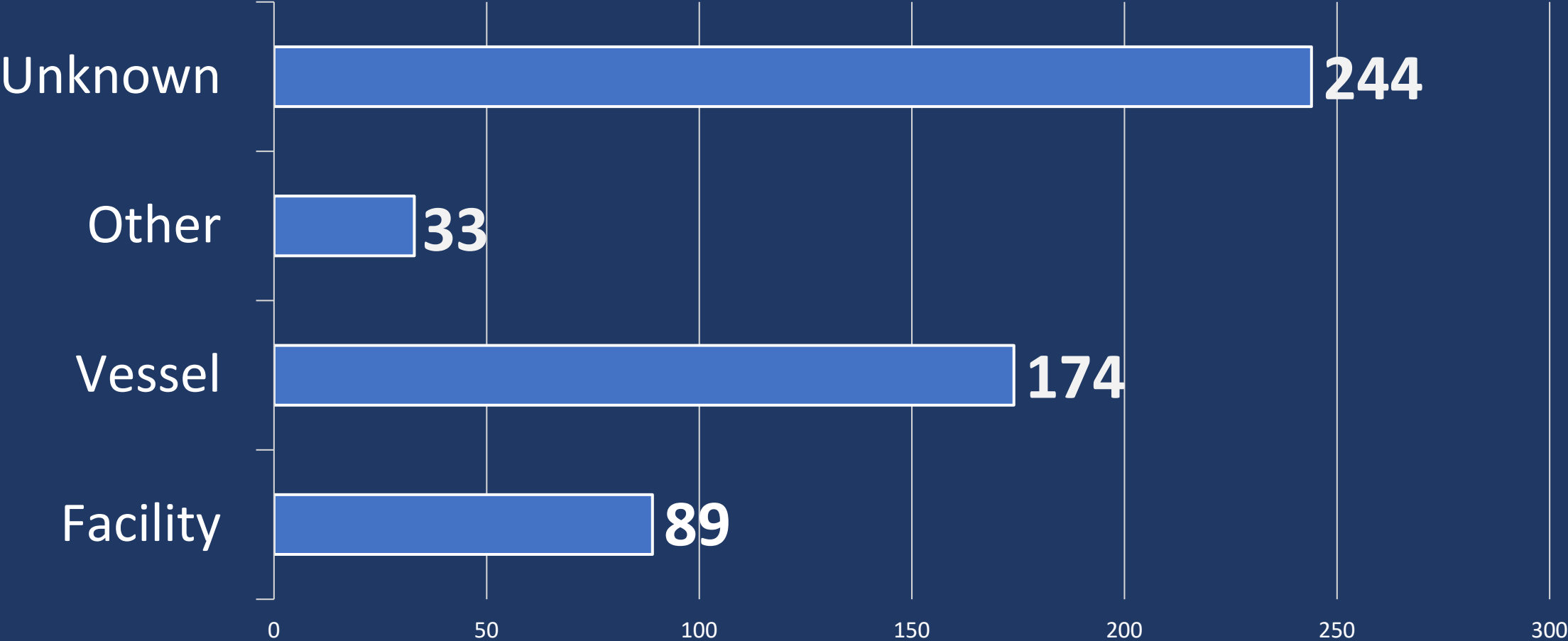
FY 2024



861 total responses, including drills



Oil Spill Sources FY 2024



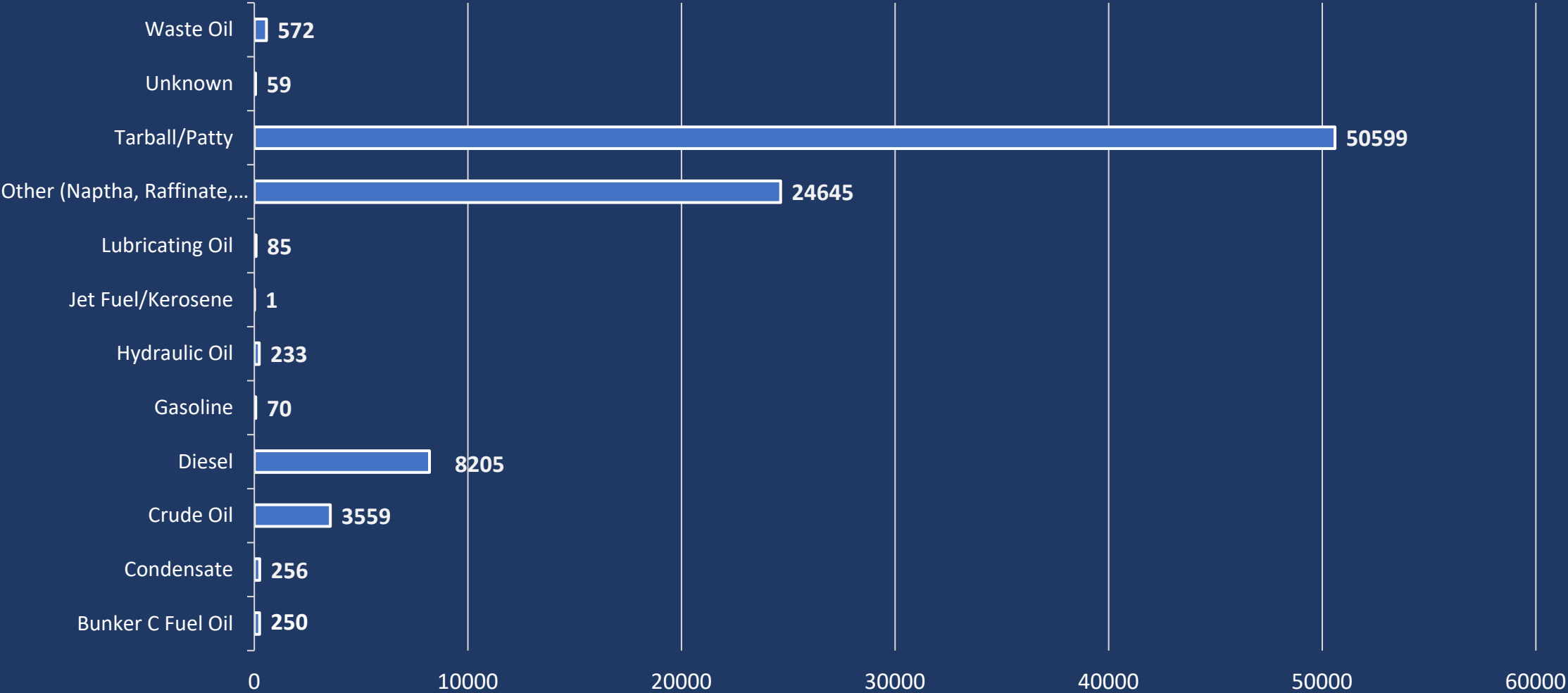
540 Spills Found

Texas General Land Office
Commissioner Dawn Buckingham, M.D.



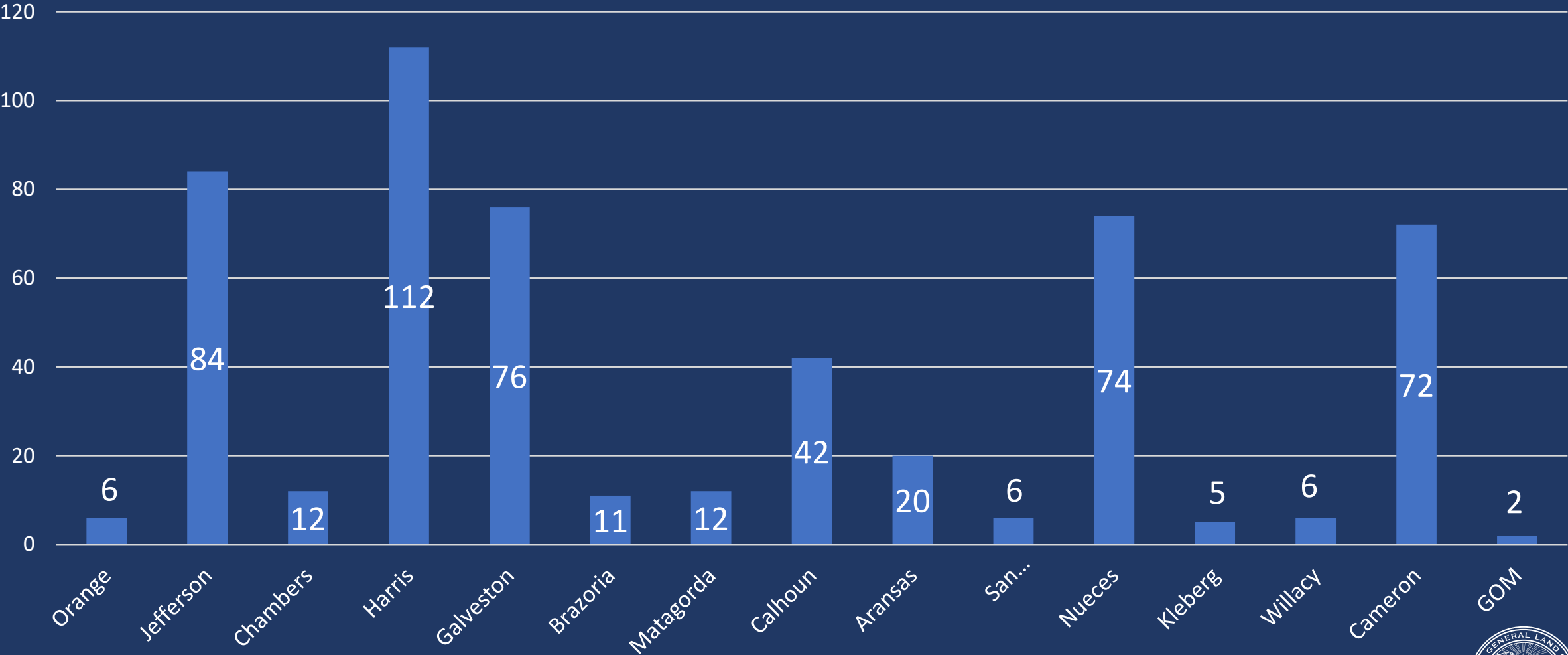
Oil Spill Product Spilled (Gallons)

FY 2024



Oil Spill Locations by County

FY 2024



540 Spills Found

Texas General Land Office
Commissioner Dawn Buckingham, M.D



Spills of Significance

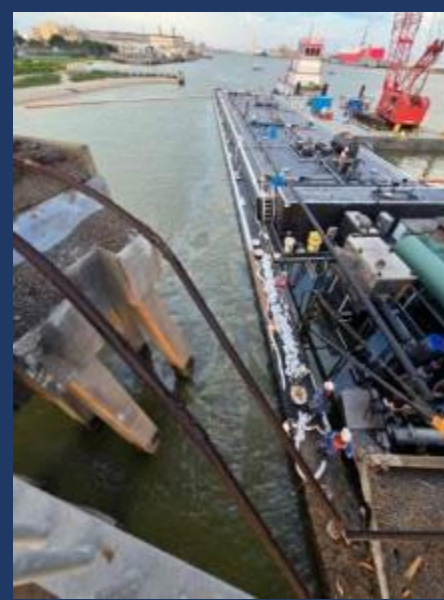
FY 2024 March – August

Incident Date	Source	County	Water Body	Product	Amount
6/6/2024	Unknown	Kleberg	Gulf of Mexico	Tarballs	40,731
5/15/2024	Vessel	Galveston	Galveston Ship Channel	Vacuum Gas Oil	8,264
7/24/2024	Unknown	Nueces	Gulf of Mexico	Tarballs	6,171
6/4/2024	Unknown	Cameron	Gulf of Mexico	Tarballs	1,080
7/13/2024	Vessel	Nueces	Corpus Christi Ship Channel	Red Dye Diesel	520





May 15, 2024 14:20:39
Pelican Island Causeway
Galveston County
Texas



May 15, 2024 14:14:14
Pelican Island Causeway
Galveston County
Texas



May 15, 2024 13:46:24
Pelican Island Causeway
Galveston County
Texas



May 15, 2024 14:27:55
2502 Harborside Drive
Galveston County
Texas





High Island 98 - L

- On July 14, 2024, the La Porte office received notification of an oil discharge off the coast of Crystal Beach in Galveston from a platform in High Island Block 98-L, about eight miles offshore in the Gulf of Mexico.
- Crude oil was leaking from a flowline riser attached to the platform. No recoverable oil was visible although there was an extended sheen.
- The platform is abandoned, as defined by the Texas Railroad Commission.
- Over the following two weeks, La Porte office staff, and US Coast Guard and Railroad Commission personnel inspected the platform area multiple times. The leak continued but subsided over time.
- On July 29, contractors applied a patch to seal the leak.
- Railroad Commission staff stated that additional research is needed to ascertain ownership of the leak source.
- The incident drew national media attention.
- Oil Spill continues to monitor the patch and the Railroad Commission is investigating permanent solutions.
- The Railroad Commission's contractor secured access to the platform for repair personnel. Once weather permits, a wellhead expert will begin inspections to assess the well's status.



High Island 98 - L



Oil Spill Prevention Efforts & Targets

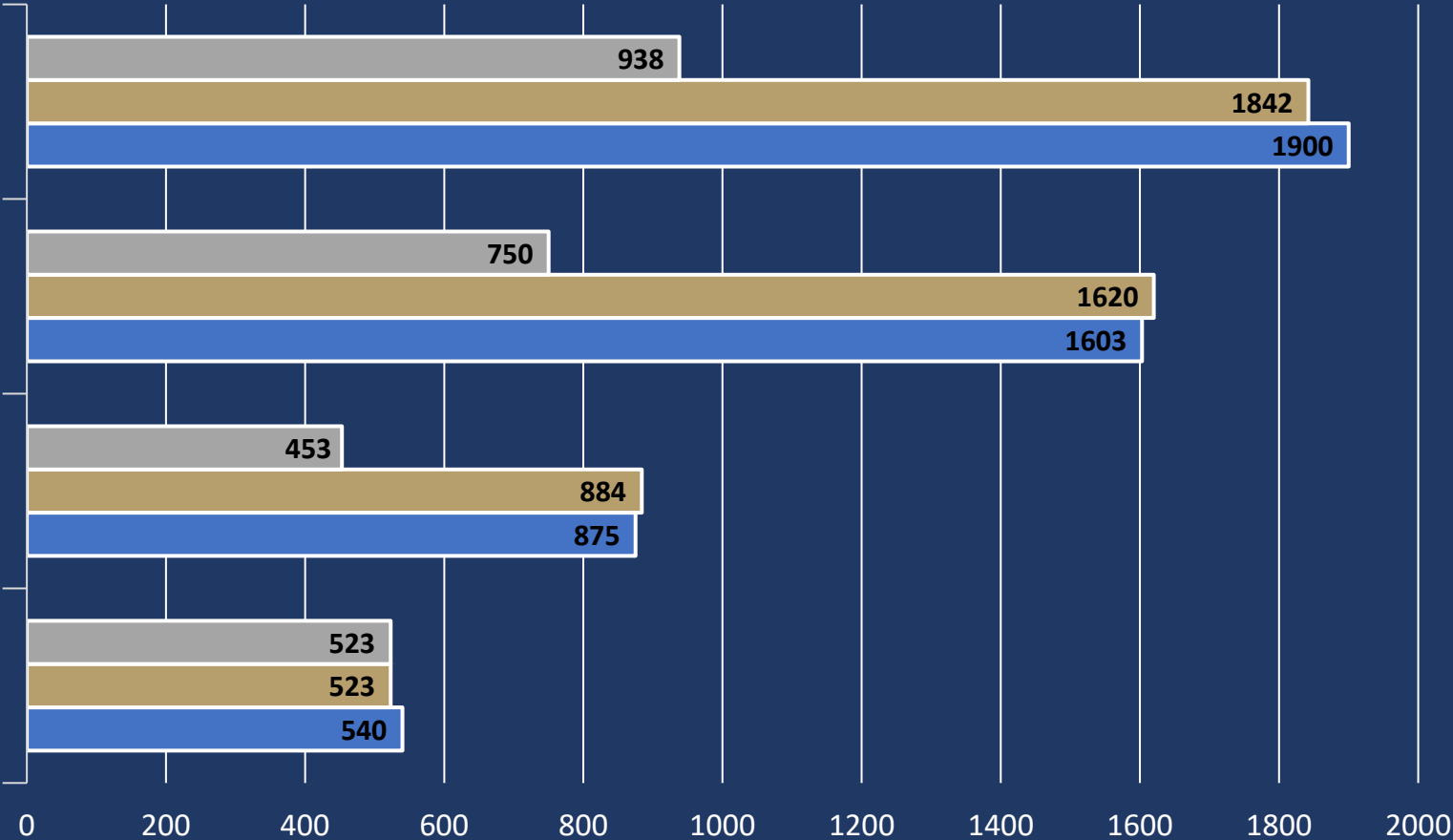
FY 2024 Totals, including March-August

Shore & Water Patrols

Vessel Activities

Facility Activities

Certified Facilities



■ 2nd Half FY 2024 ■ FY 2024 ■ Target

Oil Spill Derelict Vessel Removal Activity

FY 2024

The Oil Spill Program continues to support derelict vessel removals to rid coastal areas of pollution sources and environmental hazards through two programs:

- **Derelict Abandoned Vessel Program** – Oil Spill uses administrative authority to remove abandoned vessels using existing program resources. We continue to work with outside entities to create partnerships for individual vessel removals.
- **Vessel Turn In Program (VTIP)** – VTIP is a voluntary collaborative program with participating cities, counties, state agencies and local businesses that allows owners to bring their unwanted vessels to local turn-in events at no cost.
 - **4 VTIP Events conducted from January – April, 2024**
 - Port Isabel/South Padre Island
 - Galveston Co.
 - Brazoria Co.
 - Orange Co.
 - **137 vessels relinquished during FY 2024**



Texas General Land Office
Commissioner Dawn Buckingham, MD



Derelict Abandoned Vessel Program Removals FY 2024

County	Vessels Removed	Linear Footage Removed
Orange	2	49
Jefferson	3	53
Chambers	9	557
Harris	4	331
Galveston	14	419
Brazoria	1	50
Calhoun	2	117
Matagorda	1	36
Aransas	1	30
Nueces	3	79
Cameron	3	65
Total	42	1,786



***Non VTIP/Hurricane related**



Derelict Vessel Removals

Gulf of Mexico Alliance (GOMA) NOAA Grant Update

- In 2022, NOAA announced funding for Marine Debris Removal through the Bipartisan Infrastructure Law. GOMA agreed to partner with Texas, Mississippi and Alabama to support derelict vessel removal.
- The application was recommended for \$7.7 million in funding.
- The project timeline is set for 4 years; each Gulf state can apply until funding is exhausted.
- A contractor has been selected and initial removals are planned for December, 2024.

Although the target number fluctuates, the following **15** Texas vessels are currently planned for removal:

- One 263' barge
- Two tugboats (50' and 80')
- Three fishing vessels (35 – 65 feet)
- Four sailboats
- Four recreational vessels (10 – 41 feet)
- One 24' unknown type of boat

The vessels will be removed from Galveston, Harris and Orange Counties from the following water bodies:

Cedar Creek Bayou – Harris County (2)

Sabine River – Orange County (1)

Dickinson Bayou – Galveston County (1)

Galveston Bay /Trinity Bay – Harris County (1)

Gulf Intracoastal Waterway – Galveston County (1)

Offatt Bayou – Galveston County (4)

Cow Bayou – Orange County (1)

Moses Lake – Galveston County (3)

Tabbs Bay – Harris County (1)



Texas General Land Office
Commissioner Dawn Buckingham, MD



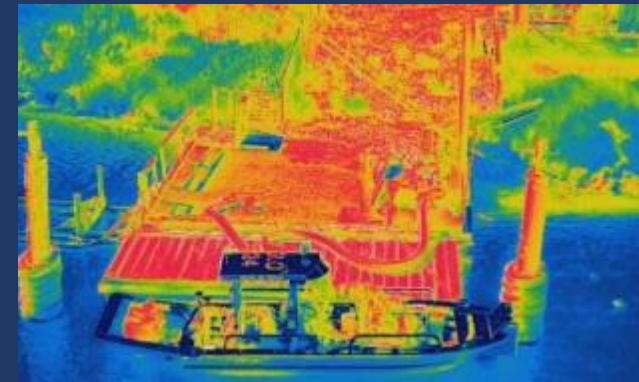
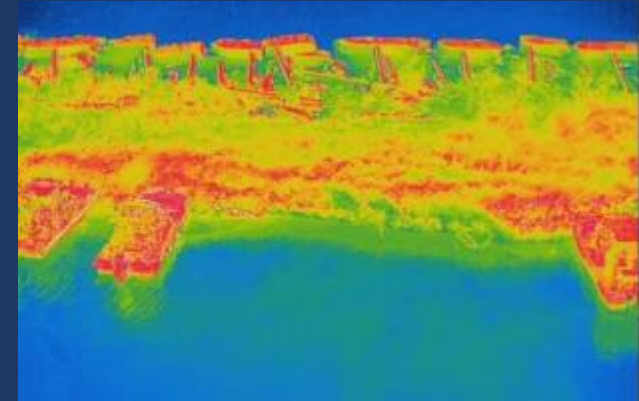
Unmanned Aircraft Systems (Drone) Update

FY 2024

In May, the Oil Spill program acquired five Skydio x10 models with thermal capabilities that comply with State of Texas requirements prohibiting the use of Chinese-made technologies.

Oil Spill uses UAS for:

- Boom Deployments
- Outreach
- Storm Response
- Shoreline assessments
- Offshore Platforms
- Mapping (Orthomosaics)



Texas General Land Office
Commissioner Dawn Buckingham, M.D.





Orphan Well Aging Infrastructure Cleanup Update

Background

In December 2022, the GLO assessed 186 orphan wells in Texas coastal bays to target for plugging and eventual removal.

Field personnel photographed and collected information on well location, condition, spill history, and other data important for plugging prioritization.

Oil Spill compiled a comprehensive report to share with the agency's Energy division and the Texas Railroad Commission for planning purposes.

The GLO contributed \$10 million dollars to the RRC Oil & Gas Regulation Cleanup Fund to support orphan oil and gas well plugging in Trinity Bay and signed a Memorandum of Agreement with RRC to spend the funds.

Update

As of October 7, 2024, the Railroad Commission has identified 17 wells to plug using our report. The RRC has hired a contractor and work is scheduled to begin mid-November.



Texas General Land Office
Commissioner Dawn Buckingham, MD



Outreach and Education Efforts

Lighthouse Lakes Tour
Corpus Christi



Camp Seaport
Port Arthur



ExxonMobil STEM Day



Neches River Adventures Event
at Collier's Ferry



Adopt A Beach
South Padre Island



Texas Coastal Round-Up

Texas General Land Office
Commissioner Dawn Buckingham, MD



Accomplishments

Completed Preparedness and Prevention Events

Federal, State and Local Planning Efforts

April, 1, 2024 – October 31, 2024

Description	Location	Dates
Phillips 66 Beaumont Terminal GIUE	Beaumont	May 17, 2024
NDOW Exercise	Houston/Galveston	May 21-23 2024
Colonial Pipeline Exercise	Beaumont	July 17, 2024
ExxonMobil Baytown Complex Exercise	Baytown	August 8, 2024
Key Petrol LLC., Harlingen Diesel Terminal Tabletop	Harlingen	August 14, 2024
USCG PREP Tabletop Exercise	Port Arthur	August 21, 2024
ETC Hydrocarbons Rio Bravo Pipeline Tabletop	Corpus Christi	September 4, 2024
Motiva PA Tier II Exercise	Port Arthur	September 19, 2024
SE TX/SW LA ACP Tabletop Exercise	Orange	September 25, 2024
GLO STCZ Exercise	Corpus Christi	October 3, 2024
ExxonMobil GOM Exercise	Spring	October 16-17, 2024
BP GoM 2024 Large Functional Exercise	Houston	October 22-24, 2024

GLO Research & Development Program

- FY 2026-2027 - Request for Applications

A Request for Application is scheduled for release
January-February, 2025

- Contact Brent Koza, brent.koza@glo.texas.gov

The GLO is scheduled to debut a new website in midDecember





Fall 2024 - Hurricane Preparedness and Response Hurricane Beryl



- The GLO began agency Hurricane Beryl preparation calls through the State Operations Center (SOC) on July 1.
- The Oil Spill program began Hurricane Beryl coordination calls on July 3 and held calls through July 7. The program met on July 8 to discuss initial assessments and staff deployment.
- Post landfall, Oil Spill staff reported to an Incident Command Post (ICP) established at the USCG Sector Houston/Galveston office.
- Teams also operated directly out of the Port Lavaca office in the Matagorda County area.
- We assisted with public information officer duty and UAV/drone assessments.
- Damage assessments, conducted by boat and vehicle with USCG response partners, focused on locating oil spills and sunken vessels.





Fall 2024 - Hurricane Preparedness and Response Hurricane Beryl



After initial assessments, the Oil Spill program worked to identify vessel owners, re-assess vessel statuses and monitor vessel owners actively working to remove their boats. As of October 31,

- 63 sunken and displaced vessel targets were assessed across three impacted Oil Spill Regions
- 38 vessels were confirmed as removed during an initial removal period
- 25 vessels were provided an official notice requiring the vessel to be removed from state waters (placarded)
- 15 vessels remain in Texas coastal waters
- The agency will not pursue FEMA funding for removals and is evaluating additional state funding resources



County	Vessels Remaining
Chambers	1
Harris	2
Galveston	7
Brazoria	4
Matagorda	1





Fall 2024 - Hurricane Preparedness and Response Hotwash



The Oil Spill Prevention and Response Program initiated planning efforts for Hurricane Beryl and Hurricane Francine, although Hurricane Beryl was the only storm for the 2024 Atlantic Hurricane Season that substantially impacted Texas.

The program immediately prepared and deployed response teams from unaffected regions with resources needed to respond and support local offices without power and still recovering from the storm.

Lessons learned from Hurricane Beryl:

- **For future storms, response teams will immediately, as soon as safe travel can be assured, be brought in from unaffected regions.**
- **Teams will have procured hotel accommodations, food and water for several days, and pre-identified locations for fuel and ice in the event resources are not available locally.**
- **In anticipation of impacted cellular service, additional communication resources will be pre-identified before landfall.**
- **The General Land Office will continue to improve internal communication and coordination to maximize resources for response and recovery.**

The background of the slide is a photograph of a body of water, likely the Gulf of Mexico, with a visible oil spill. The water is a deep blue, and the spill appears as a lighter, yellowish-white area on the right side of the frame. The sky is a clear blue with scattered white clouds. The text is overlaid on the upper portion of the image.

Oil Spill Prevention and Response

512-475-1575

jimmy.a.martinez@glo.texas.gov

oilspills@glo.texas.gov



Texas Commission on Environmental Quality (TCEQ)

Anthony Buck



TCEQ Fall 2024 RRT Report

Anthony Buck



TCEQ RRT Members

Role	RRT Member	Agency	Contact Info
Primary	Anthony Buck	TCEQ	512-563-3935 anthony.buck@tceq.Texas.gov
Alternate	Jeff Kunze	TCEQ	512-605-9651 Jeff.Kunze@tceq.texas.gov

Overview

Mission Statement

- The Texas Commission on Environmental Quality strives to protect our state's public health and natural resources consistent with sustainable economic development. Our goal is clean air, clean water, and the safe management of waste.

Overview

Agency Philosophy

To accomplish our mission, we will:

- base decisions on the law, common sense, sound science, and fiscal responsibility;
- ensure that regulations are necessary, effective, and current;
- apply regulations clearly and consistently;
- ensure consistent, just, and timely enforcement when environmental laws are violated;
- ensure meaningful public participation in the decision-making process;
- promote and foster voluntary compliance with environmental laws and provide flexibility in achieving environmental goals; and
- hire, develop, and retain a high-quality, diverse workforce.

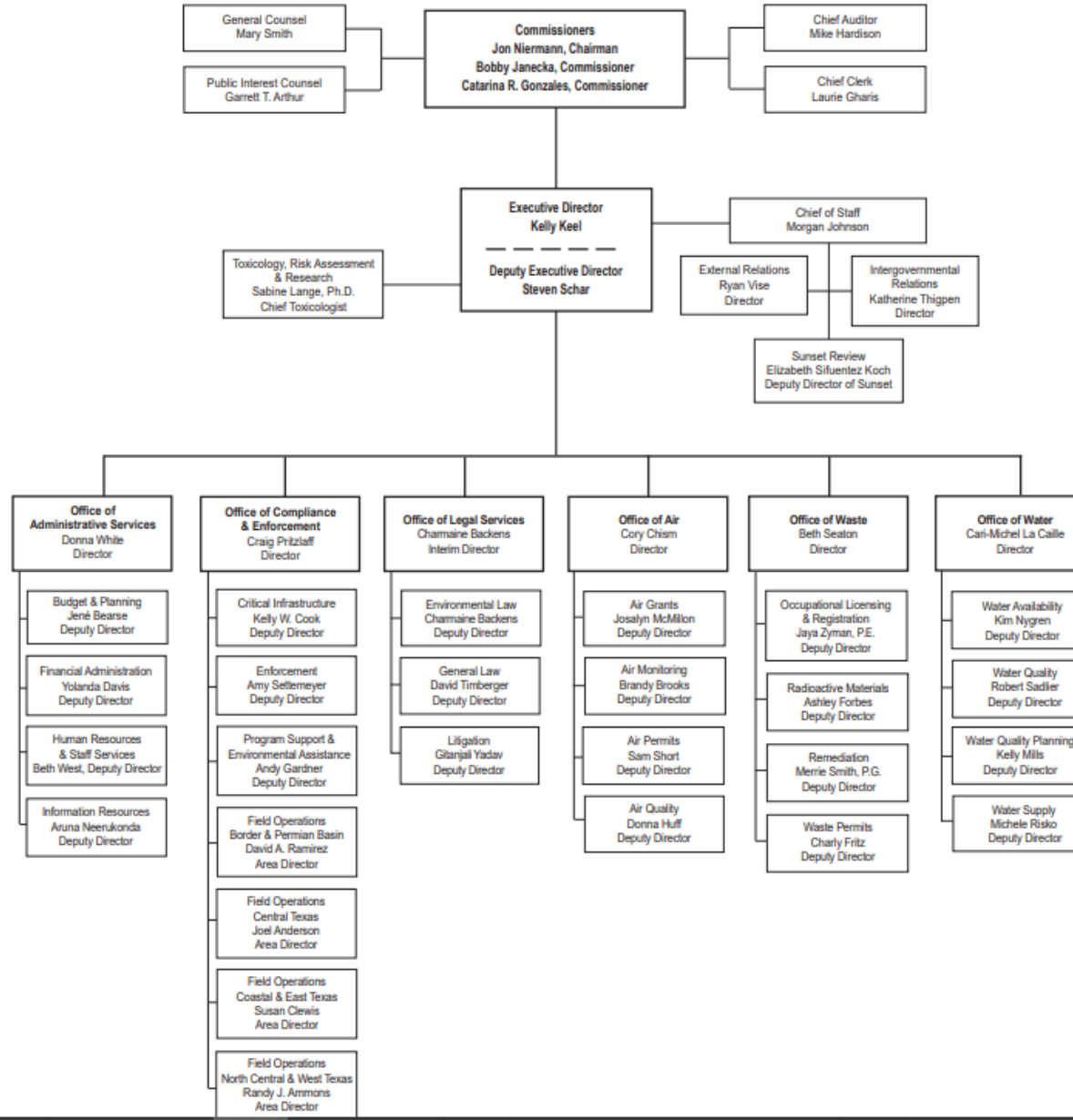
EEO Commitment

- The TCEQ is an equal opportunity employer. The agency does not allow discrimination on the basis of race, color, religion, national origin, sex, disability, age, sexual orientation or veteran status.

TCEQ ORGANIZATION

October 1, 2024

TCEQ ORG CHART



TEXAS COMMISSION ON
ENVIRONMENTAL QUALITY



Personnel Changes

Role	Incoming	Outgoing
Area Director Coastal and East Texas	Susan Clewis	David Van Sost
Regional Director Corpus Christi	Melanie Edwards	Susan Clewis
Regional Director Amarillo	Guy Wilkins	Eddie Vance

Laws/Regulations/Policies

The 89th Texas Legislature is the next meeting of the legislative branch of the U.S. state of Texas, composed of the Texas Senate and the Texas House of Representatives. Its regular session is scheduled to meet from January 14, 2025, to June 2, 2025.[1]

TCEQ Preparedness for 2024 Hurricane Season

- **NDOW Communications Exercise**
- **ESF-10 pre-season meeting**
- **Full Scale hurricane exercise**
- **SOC hurricane exercise**
- **TMF hurricane ROC Drill**
- **RM trainings throughout Texas**

TCEQ Preparedness for 2025 Hurricane Season

The cycle starts all over again

Questions?





Arkansas Department of Energy and Environment (ADEE)

Stephen Ratley



ARKANSAS
ENERGY & ENVIRONMENT



Role	RRT Member	Agency	Contact Info
Primary	Stephen Ratley	ADEE	Stephen.Ratley@arkansas.gov 501-682-0716
Alternate	Zack Smalling	ADEE	Zack.Smalling@arkansas.gov 501-353-9244
Primary	Mark McEntire	ADEM	Mark.Mcentire@adem.arkansas.gov 501-258-2147
Alternate	Toby Harrington	ADEM	Toby.Harrington@adem.Arkansas.gov 501-258-2147
Primary	Lori Simmons	ADH	Lori.Simmons@arkansas.gov 501-661-2936
Alternate	Rebecca Davis	ADH	Rebecca.Davis@arkansas.gov 501-661-2232



ARKANSAS
ENERGY & ENVIRONMENT



ADEM Overview

- ADEM Emergency Management Classes
 - 2023 – 48 trainings, 931 Trained
 - 2024 – YTD 18 trainings, 224 trained, 613 Trained
- ADEM HAZMAT Classes
 - 2023 – 69 trainings, 1449 Trained
 - 2024 – YTD 14 trainings, 890 Trained
- ADEM Pipeline Awareness Training
 - 2023 - 29 Classes, 943 Trained
 - 2024 – YTD 32 Classes, 568 Trained
- TIER II Reporting 2,903 Facilities – Reporting Year 2023



ARKANSAS
ENERGY & ENVIRONMENT



ADH Overview

- Vertac Chemical Corporation (Superfund Site)
- Eco Vista Landfill (RCRA –Petition Site)
- ‘Rules Pertaining to Lead-Based Paint Activities’ will be finalized on October 28, 2024, for ‘Occupational and Military’ definition changes required by the state.



ARKANSAS
ENERGY & ENVIRONMENT



E&E Overview

- Disaster Debris/Ash disposal
- Union Pacific Incidents
- Martin/ Smackover



E&E Emergency Management - DEQ

Incident Category	Total
Total # Incidents (May 1, 2024 – October 24, 2024)	167 (-4)
# Referred to DEQ Regulatory Programs	19 (-3)
Environmental Media/Program Impacted	Total
# Water	111 (+6)
# Air	10 (-5)
# Hazardous Waste	36 (+11)
# Regulated Storage Tanks	5 (+1)
# Solid Waste	1 (0)
# Multimedia	48 (+15)
# Complaints	787 (-296)
# NRC	71 (+26)

Outlook

Training

Description	Dates
HAZWOPER 8-hr refresher	Spring 2025
Hydrogen Sulfide Safety	Fall '24 & Spring '25
First Aid/CPR/AED	Multiple 2024/2025
Wilderness Survival First Aid	November 2024

Exercises/Workshops

Description	Dates
AR Emergency Managers	August 2024
REX-24 (FEMA Evaluated)	August 2024
Central AR Water Exercise	October 2024
Energy Resource Council Meeting	November 2024
COOP Tabletop	December 2024

Fed/State/Local planning and coordination

Description	Status
Alvar Resins Chemical Fire	Final Closure
Martin Operating, Smackover	NRDA
UPRR, Wynne/Fair Oaks	Remediation
UPRR, Emmett	Final Sampling



New Mexico Department of Homeland Security and Emergency Management (NMHSEM)

Stephen Connolly



Oklahoma Department of Environmental Quality (ODEQ)

Jennifer Handley



20-Minute Break

Federal Agency / Tribal Reports



Federally Recognized Tribes

- Tunica-Biloxi Tribe of LA - Earl Barbry Jr.
- Muscogee Creek Nation - Judith Ausmus



Department of Transportation (DOT) –
**Pipeline and Hazardous Materials Safety
Administration (PHMSA)**

Ky Nichols

PHMSA Pipeline Contacts



National Pipeline Incident Coordinator (NPIC)

Hotline (888) 719-9033

PHMSAAID@dot.gov



U.S. Department of Transportation
Pipeline and Hazardous Materials
Safety Administration

Investigate - Analyze - Prevent

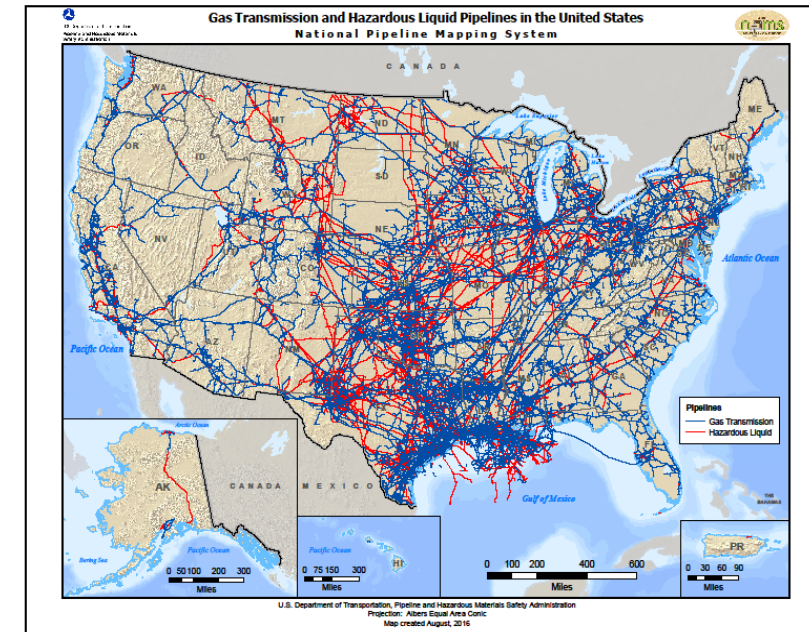
PHMSA: Your Safety is Our Mission



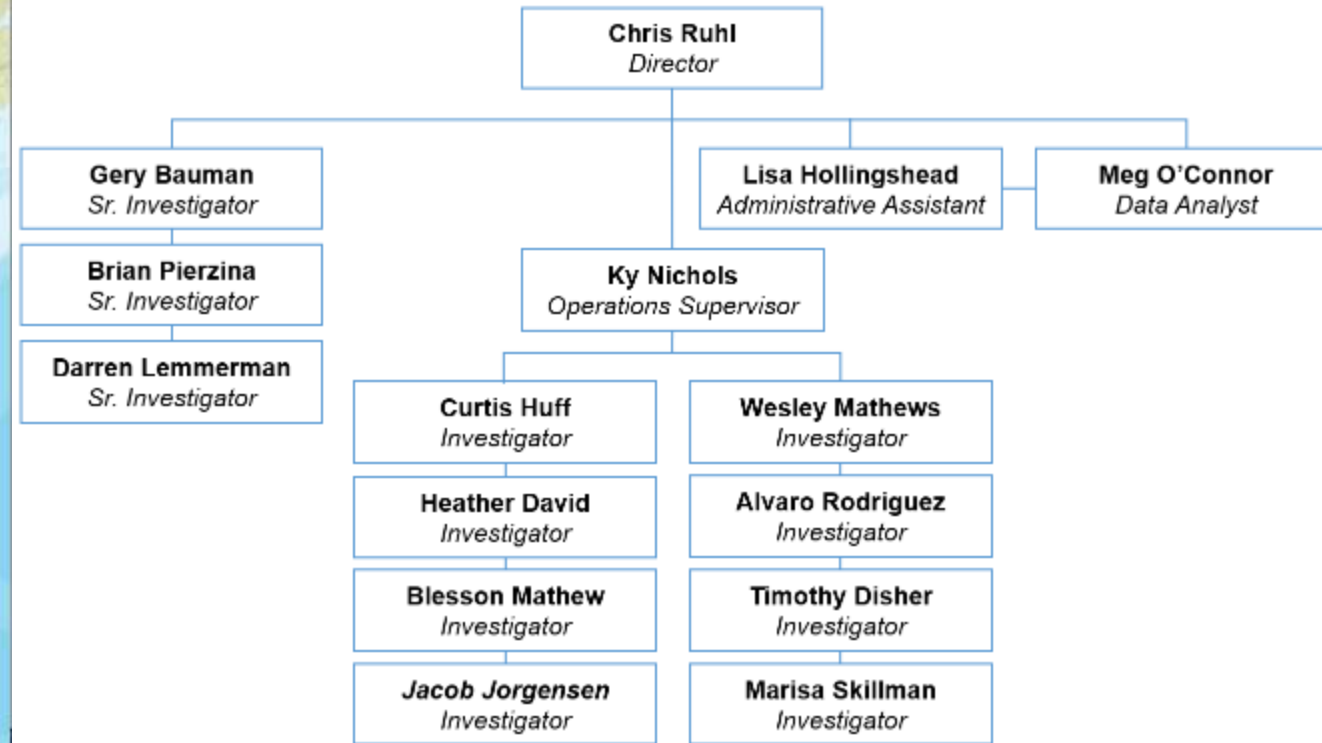
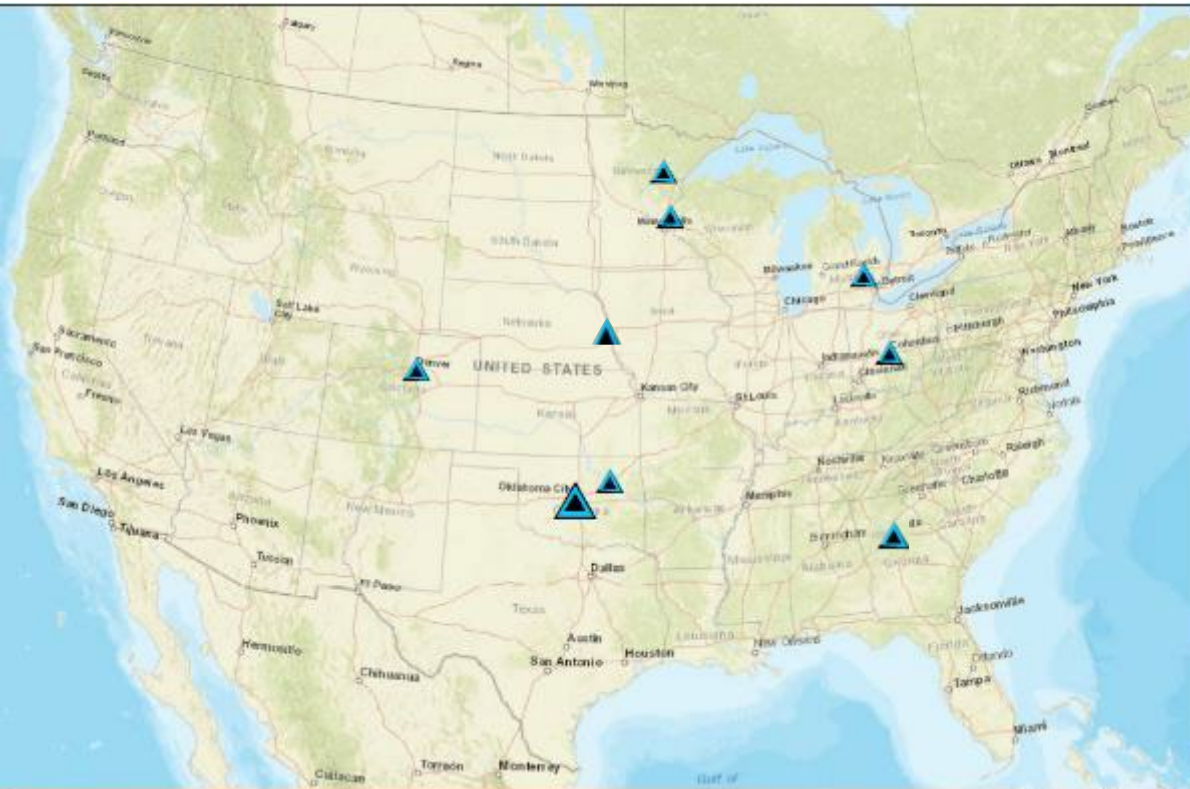
Overview



- PHMSA is an assisting agency
- Regulates interstate/intrastate pipelines
 - Natural Gas, Liquid Hydrocarbons, Ammonia, CO2
 - PHMSA has pipeline response preparedness requirements
 - During an event verifies operator response effectiveness
 - Has spill reporting requirements
- Accident Investigation Division (AID)
 - conducts investigations to understand the cause and share lessons learned to prevent reoccurrence



Accident Investigation Division



Laws / Regulations / Policies



- Share common operating picture with other Agency Duty Officers via NPIC Duty Officer
 - EPA
 - BSEE
 - USCG
 - State Pipeline Safety Programs
- Emphasis on our engagement with state and federal response partners through onsite investigators

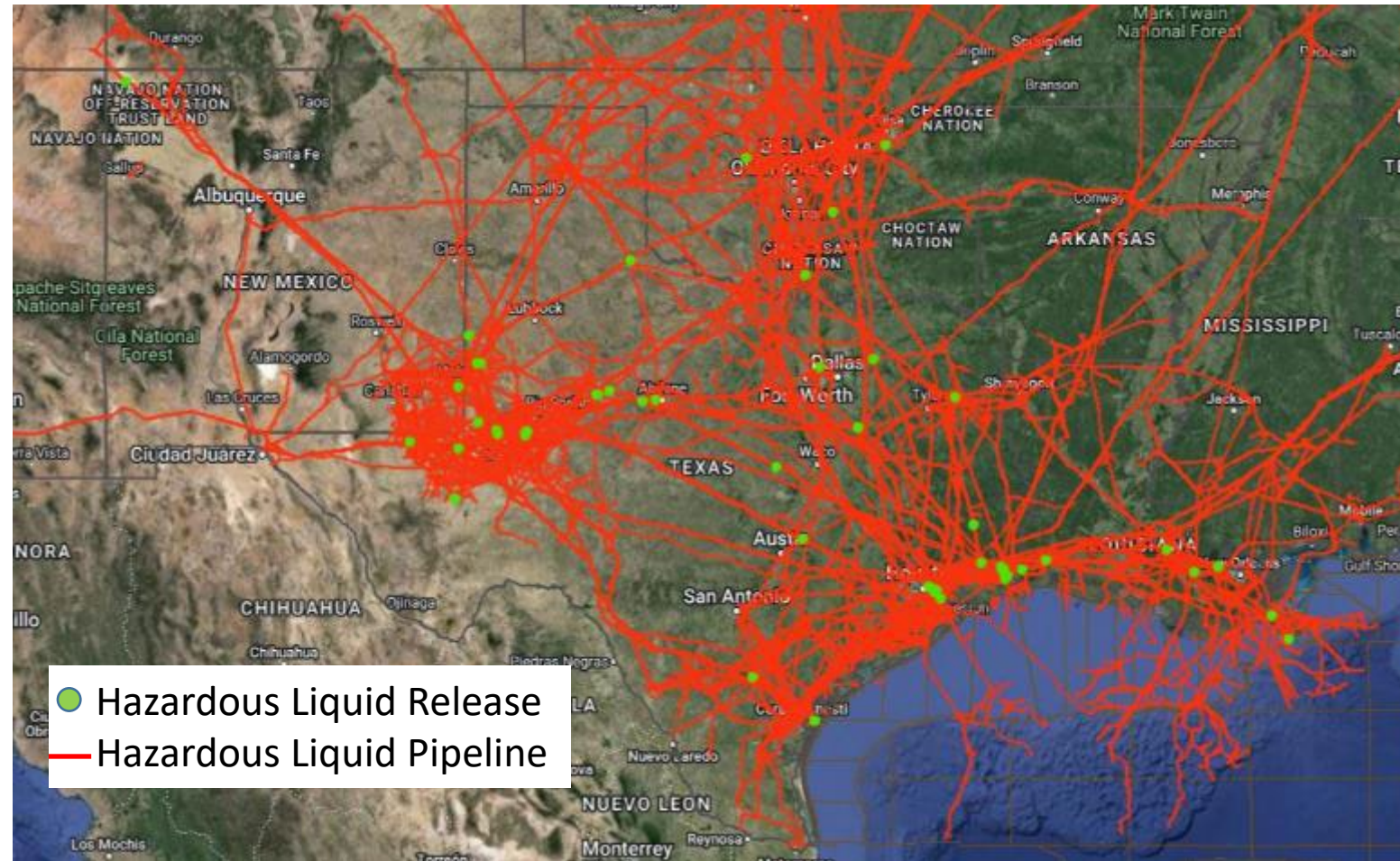


Accomplishments – Since Last RRT Meeting



■ Hazardous Liquid Releases November 2023 – April 2024

- 57 PHMSA Regulated Accidents in RRT6
- 0.1 barrels to >26,000 barrels
- Three releases >200 barrels



Accomplishments – Since Last RRT Meeting



Federal, state, and local Planning and Coordination Efforts			
Description	Location	Product	Date
Panther Operating Company – Main Pass Oil Gathering – Gulf of Mexico - release of >26,000 barrels of crude oil, impacted the GOM water and wildlife	Main Pass Blk 69 GOM	Crude Oil	November 16, 2023
Flint Hills Resources – release of 2,814 barrels of crude oil, no water impacts	Ingleside, TX	Crude Oil	January 6, 2024
Navajo Nation Oil and Gas Company – release of 1,010 barrels of crude oil, no water impacts	Shiprock, NM	Crude Oil	December 11, 2023



Outlook – Until Next RRT Meeting



- Public Awareness for One-Call excavation notices “811” in August
- PHMSA participation in spill response drills
- Seen a significant increase in the number of methane releases observed by satellites
 - PHMSA is notifying pipeline operators of potential releases
 - Multi Agency effort – EPA, NASA, United Nations





Department of Health and Human
Services (HHS) –
**Centers for Disease Control and
Prevention (CDC)**



General Services Administration (GSA)

Susan Barnes



**United States Department of Agriculture
(USDA)**



ESF #11 – Agriculture and Natural Resources

Role	RRT Member	Agency	Contact Info
Primary	David Rivas	USDA	Phone 940-218-4520 Email david.rivas@usda.gov
Alternate	Todd Smith	USDA	Phone 970-631-3279 Email todd.l.smith@usda.gov
Primary			Phone Email
Alternate			Phone Email

Overview

- Multiple Caribbean deployments this season
- Hurricane Beryl Response

Laws/Regulations/Policies

- N/A

Accomplishments

Since last RRT meeting
Fall, 2023

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Conducted ICS Training 402 Training	San Juan, Puerto Rico	October 24
Participated in African Swine Fever TTX	San Juan, Puerto Rico	October 24
Conducted ICS-300/400 Training	Sacramento, CA	August 24
Four ESF11 Hurricane Deployments	San Juan, Puerto Rico	June, July, August, October 24
Hurricane Beryl Activation	FEMA Region 6 RRCC	July 24

Outlook

Until Next RRT meeting
Fall, 2024

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
HPAI Response Activities	TBD	
Conduct ICS Training	TBD	



Department of Agriculture (USDA) – **U.S. Forest Service (USFS)**



Department of Energy (DOE) – **Strategic Petroleum Reserve (SPR)**

Patrick Neal

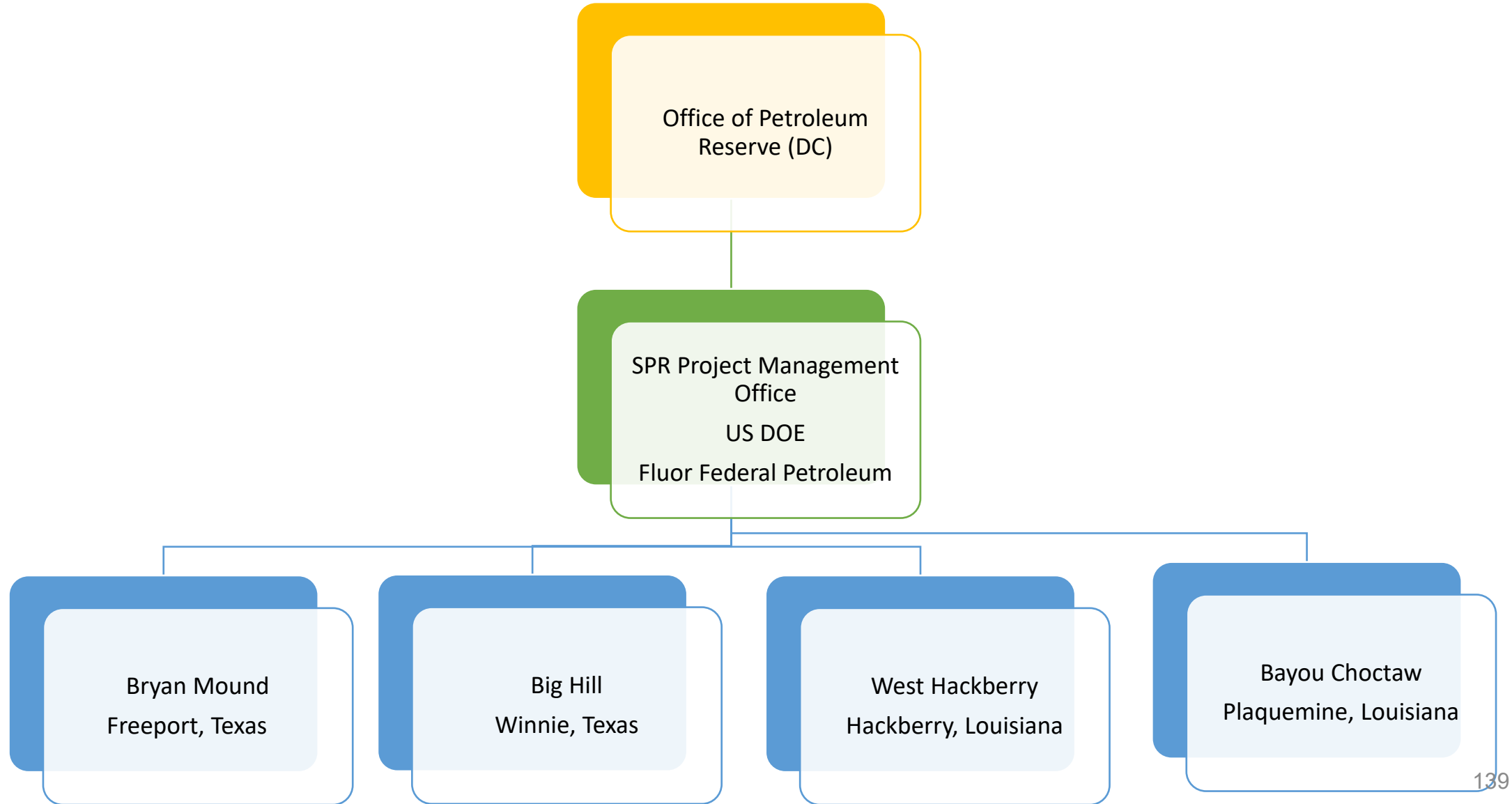
United States Department of Energy
Strategic Petroleum Reserve (Project Management Office)
New Orleans, Louisiana

Role	RRT Member	Agency	Contact Info
Project Manager	Paul Oosterling	Strategic Petroleum Reserve (DOE)	(504) 734-4380 (504) 289-9109 Paul.Oosterling.@spr.doe.gov
Ass't Project Manager (TA)	Dawn Glapion	Strategic Petroleum Reserve (DOE)	(504) 734-4380 (504) 289-9109 Dawn.Glapion@spr.doe.gov
Security & Emergency Operations	Steve Gauthé'	Strategic Petroleum Reserve (DOE)	(504) 734-4380 (504) 289-9109 Steve.Gauthé@spr.doe.gov
Emergency Manager	Patrick Neal	Strategic Petroleum Reserve (DOE)	(504) 734-4380 (504) 289-9109 Patrick.Neal@spr.doe.gov

SPR Overview

- Responsible for the safe storage and distribution of the United States Strategic Petroleum Reserve.
- The Project includes 4 storage sites (LA, TX), the Project Management Office in New Orleans. The primary warehouse (Stennis Space Center, MS).
- All assets are south of I-10, 600 miles of coastline between the east and west sites and probably a 12-hour car ride.
- We are currently in an “fill” phase. This is subject to Presidential Decree.
- The SPR is US Government owned, contractor run.

SPR Organization Chart



Hurricane Beryl





Hurricane Beryl

Advisory #27: 4 AM CDT Friday, 07/05/2024

Latest updates from the
National Hurricane Center: hurricanes.gov



MAX SUSTAINED WIND	110 MPH
MOVEMENT	WNW at 15 MPH
PRESSURE	971 MB
COORDINATES	20.1 N, 86.9 W

OVERVIEW

Hurricane Beryl is making landfall on the northern Yucatan Peninsula with maximum sustained winds to 110 mph. A weakened Beryl is expected to emerge over the southwestern Gulf tonight then move northwestward toward northeastern Mexico and southern Texas and slowly re-intensify by the end of the weekend. There is still some uncertainty in precisely where the next landfall will be:

- If Beryl stays on a more southern track, making landfall in NE Mexico, impacts for SE Texas would be more indirect, mainly with higher seas and strong rip currents.
- If Beryl curves northwestward, making landfall in southern Texas, there will be greater potential for wind, rain, and possible storm surge impacts for SE Texas.

MOST LIKELY IMPACTS FOR SOUTHEAST TEXAS

- Strong rip currents developing this weekend.
- Long period swells and elevated tides developing.
- Increasing risk for locally heavy rainfall.

Issued: 7/5/2024 4:06 AM

National Weather Service – Houston/Galveston

weather.gov/houston

Hurricane Beryl



- Hurricane Beryl made landfall on the morning of July 8, 2024, near Matagorda, TX.
- Impacted our sites at Bryan Mound and Big Hill.
- Began monitoring NWS updates on 30 June 2024.
- Aware of upcoming holiday weekend and took steps to minimize disruption of employees' weekend.



Department of Justice (DOJ)

Laurie Dubriel



Department of Justice (DOJ)-
**Alcohol, Tobacco, Firearms and
Explosives (ATF)**

Greg Fox



Department of State (DOS)

Suzanne Archuleta



Department of Defense (DoD) – **U.S. Navy**

Sarah Murtagh



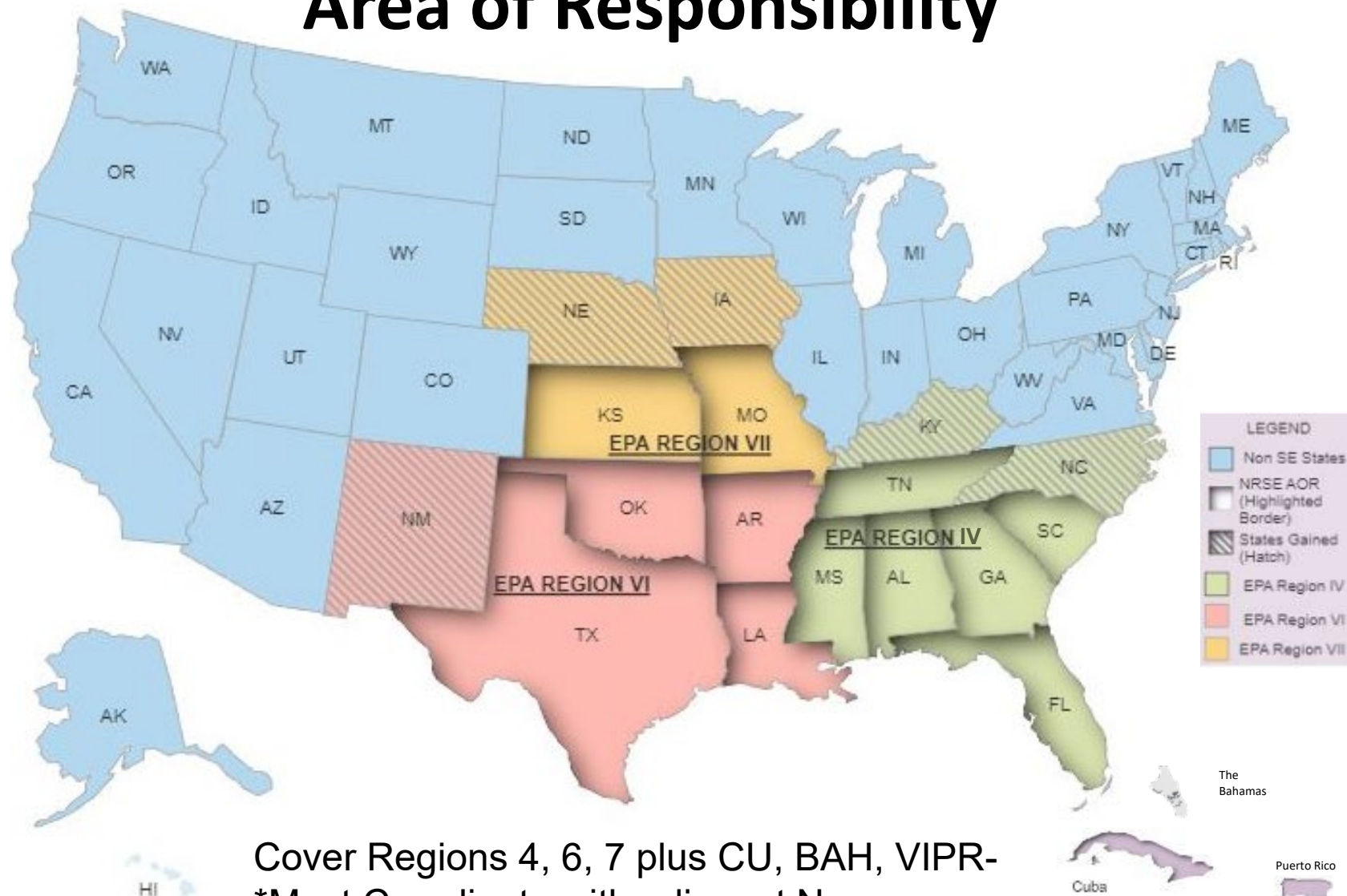
Navy Region Southeast

Primary Points of Contact

Role	Title	Name	Contact Info
Primary	Navy On-Scene Coordinator	Sarah Murtagh	Mobile: (904) 832 - 0045 Email: Sarah.M.Murtagh.civ@us.navy.mil
Primary	N40 Region Environmental Coordinator	John Baxter	Mobile: (904) 482 - 8397 Email: John.E.Baxter24.civ@us.navy.mil



Navy Region Southeast Area of Responsibility

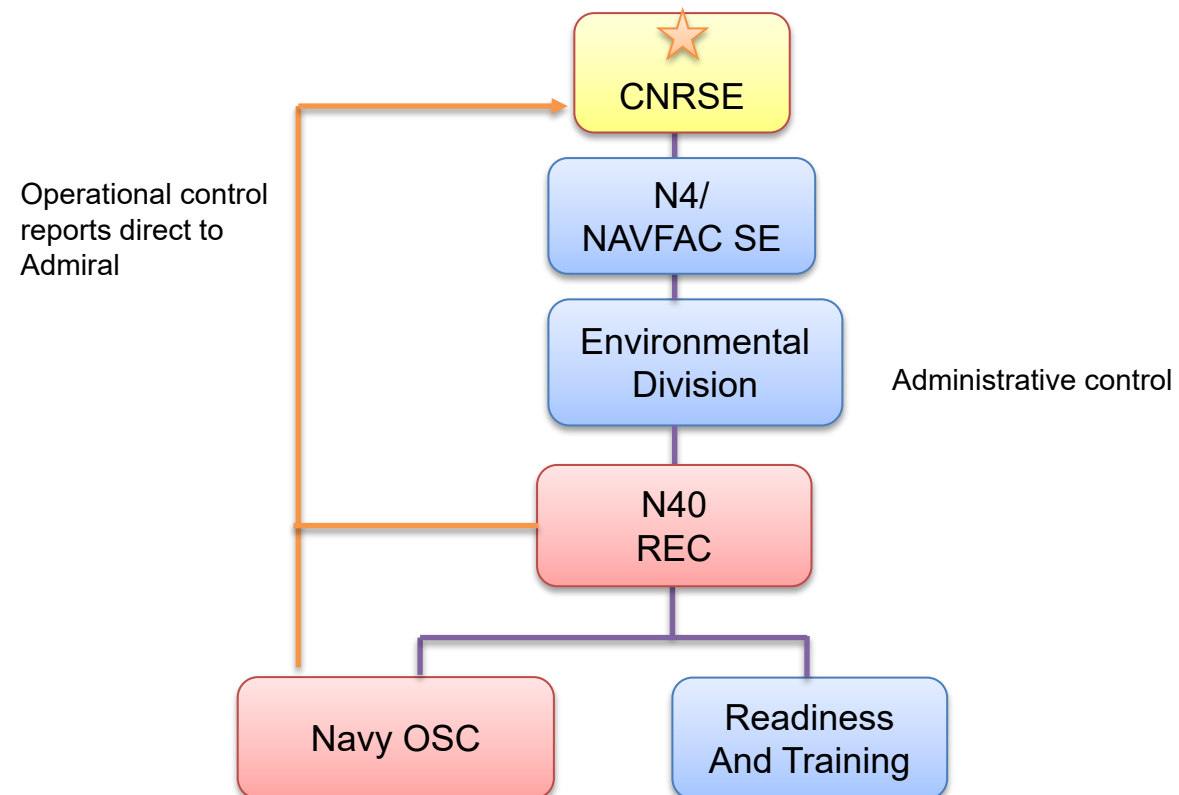


Cover Regions 4, 6, 7 plus CU, BAH, VIPR-
*Must Coordinate with adjacent Navy
Commands for States marked with hashes



Navy Region Southeast OSC Organization

The REC and Navy OSC have pre-designated OSC authority from Region Admiral





Navy Region Southeast Initiatives and Challenges

- **New HS FRP Rule**
 - Working to identify what/if any installations will meet criteria
- **Bring Awareness Of DoD On-scene Coordinator Authorities To State Partners**
 - FOSC authority identical to EPA for DoD-owned HS and weapons
 - Can cause confusion with applying boilerplate language from a permit
- **Manpower Challenges for DoD and for OSROs**
 - Training new employees
 - A lot of changes with OSRO mergers and acquisitions



Navy Region Southeast

2025 R-6 Outlook

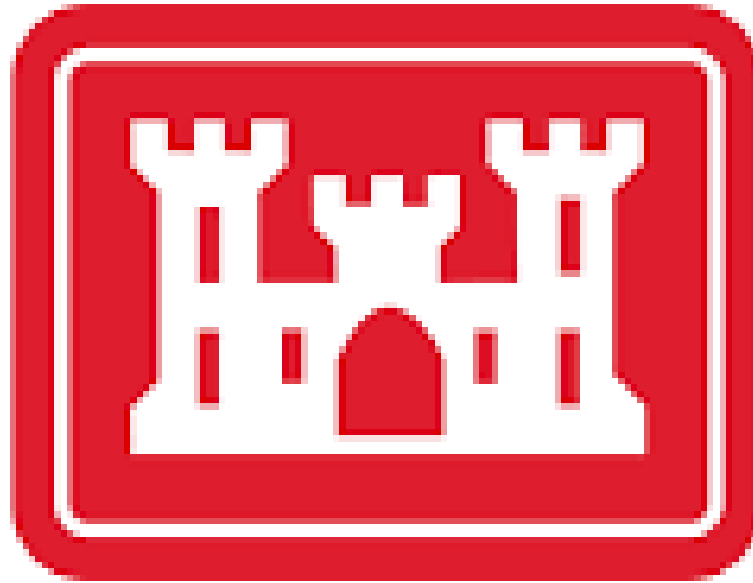
Navy-Wide Exercise	Date
Solid Curtain	Early February
Hurricane EX	Late April

Installation	Exercise Scenario	Tentative Date
NAS Corpus Christi	WCD	April 2025
NAS JRB New Orleans	Med	April 2025
NAS Kingsville	Med	June 2025
NAS JRB Fort Worth	Small	Sep 2025



Questions?





Department of Defense (DoD) –
U.S. Army Corps of Engineers (USACE)

Justin Watson



Department of Defense (DoD) – **Defense Coordinating Element (DCE)**

Lieutenant Colonel James Balutowski



Defense Coordinating Element (DCE) Region VI Regional Overview



DCE Region VI: TX, AR, LA, OK, and NM

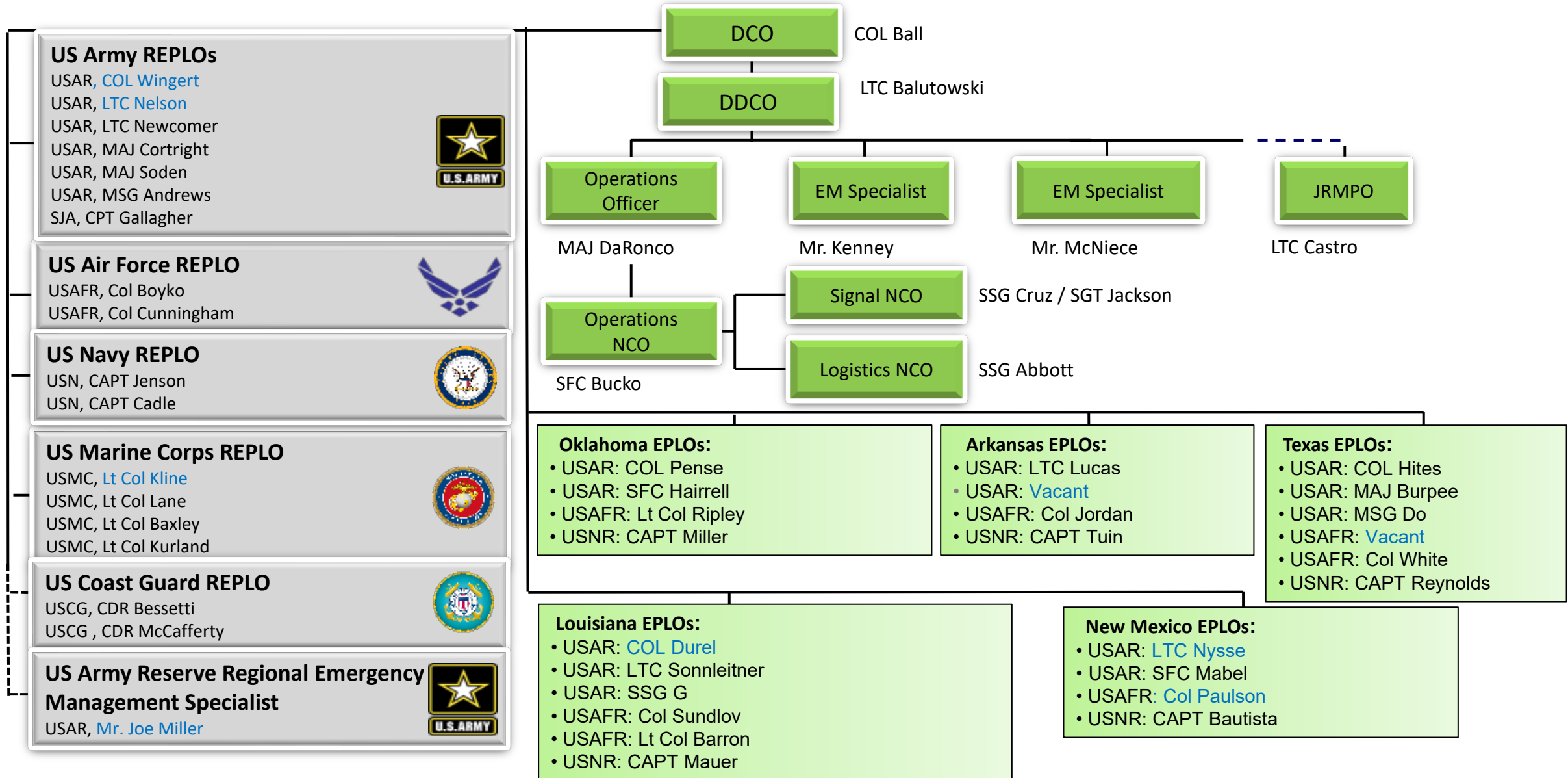
DCO/DCE RGN VI Overview

Role	RRT Member	Agency	Contact Info
Primary	COL Richard Ball	DCE RGN VI	210-247-8870 Richard.j.ball.mil@army.mil
Alternate	LTC James Balutowski	DCE RGN VI	210-845-9145 James.r.Balutowski.mil@army.mil

DCO/DCE Roles and Functions

- The role of the **Defense Coordinating Officer (DCO)** is the **SecDef's Single Point of Contact** for DOD Title 10 support to the Lead Federal Agency. The DCO is supported by the Defense Coordinating Element (DCE).
- The DCO/E has Five (5) Functions:
 - ✓ Process Requests for Assistance (RFAs)/Validate Mission Assignments (MAs)
 - ✓ Provide Situational Understanding (SU)
 - ✓ Provide Liaison to Federal, State, and Local Partners
 - ✓ Assist Planning with Regional, State, and Local All Hazards and Enable Planning for DOD Response Operations
 - ✓ Provide Mission Control of T10 Forces when required

Task Organization



Role of the DCO

- Contingency Operations -

- DoD representative in the disaster Area
- Provide Situational Awareness to DOD Agencies
- Link between Lead Federal Agency (LFA) representative and DoD
- Liaison to State, local and other Federal agencies
- Validates Resource Request Form (RRF) and accepts Mission Assignment (MA) from Federal Coordinating Officer (FCO)
- Assist with receiving, staging, onward movement, & integration (JRSOI) of units/personnel
- Recommends military resource to meet RFA requirements; forwards MA to NORTHCOM
- Provide link to Base Support Installation (BSI)
- Coordinate administrative & logistical support of deployed military forces
- Controls small DOD units & resources in the disaster area until DSC stood up
- Maintains accounting records for reimbursement (w/G8 augmentation)



Accomplishments



Since last RRT meeting
Spring, 2024

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
NDMS Exercise	San Antonio, TX	6-10 May 24
ERT COOP EX w/ FEMA IMAT	Sheppard AFB, TX	5 JUN 24
ARNORTH Hurricane ROC Drill	JBSA	3-8 JUN 24
Hurricane Beryl Activation	Austin, TX	3-7 JUL 24
Hurricane Francine Activation	Denton, TX	9-13 SEP 24
New Mexico Emergency Mgmt. Conf	Ruidoso, NM	22-24 OCT 24



Outlook

Until Next RRT meeting
Spring, 2025



Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
FEMA COOP EX II	TBD	TBD
ARNORTH Homeland Defense Workshop	Washington D.C.	3-5 DEC 24
EPLO Annual Training	Luke AFB, AZ	25-31 JAN 25
DCE RGN Homeland Defense Workshop	TBD	APR 25



Department of Defense (DoD) – **Others**



Nuclear Regulatory Commission (NRC)

Nestor Makris



Department of Homeland Security (DHS) – **Federal Emergency Management Agency (FEMA)**

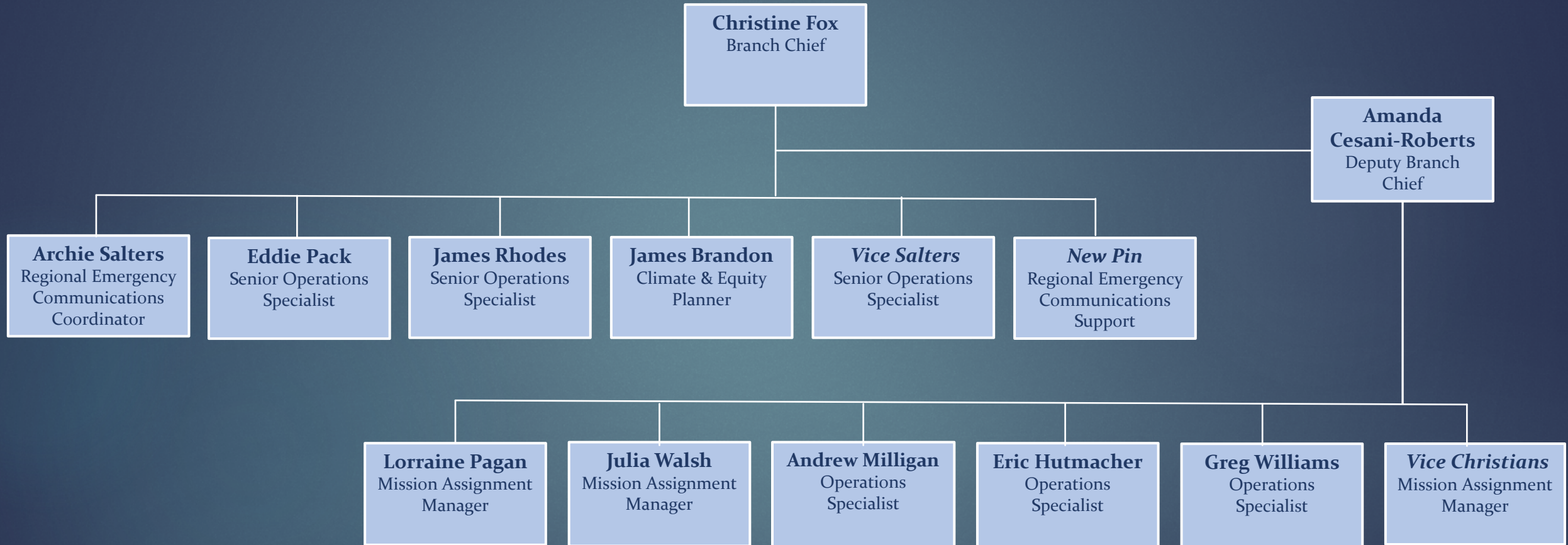
Amanda Cesani-Roberts



FEMA

Role	RRT Member	Agency	Contact Info
Primary	Amanda Cesani-Roberts	FEMA - Operations	940-205-6799 Amanda.Cesani@fema.dhs.gov
Alternate	Eric Hutmacher	FEMA - Operations	202-975-5202 Eric.hutmacher@fema.dhs.gov
Alternate	Gregory Williams	FEMA - Operations	940-297-5641 Gregory.Williams@fema.dhs.gov
Alternate	Latoya Leger-Taylor	FEMA – Regional Environmental Officer	940-703-9058 Latoya.Leger@fema.dhs.gov

R6 Operations Integration Branch



R6 Operations Integration Branch



Laws/Regulations/Policies

Responder Lodging

FEMA HQ Responder Support Branch, in coordination with the Region, supports responders anywhere they are deployed for response and recovery operations by implementing lodging, food, laundry, and shuttle solutions and coordinating with health and safety. It is critical to know how many responders to plan for and what location they will be working from. Solutions could be highly variable due to the uniqueness of the incident.

- Lodging possibilities include policy waivers, hotel room blocks, fixed facilities, full-service responder villages, responder support camps, vessels, and austere solutions. Providing for as much lead time as possible helps the coordination process to flow more smoothly.
- FEMA Leadership will decide whether to establish an initial Responder Lodging solution 96 hours prior to impact.

COA	Description
First, Expand Traditional Lodging Options	<ul style="list-style-type: none">• Policy waivers, hotel room blocks, or powering up a hotel• Dorms, corporate apartments, or military lodging options
Then, Establish Responder Villages	<ul style="list-style-type: none">• Manufactured lodging quarters with individual sleeping units, and amenities like dining, laundry, health and wellness, and parking
In Catastrophic Disasters, Consider Maritime and Austere Solutions	<ul style="list-style-type: none">• Cruise ship cabins or berths on a maritime vessel• Sleeping areas for responders in fixed facilities like gymnasiums or convention centers with wraparound services• Traditional basecamps with tents, cots, and wraparound services



FEMA

Accomplishments

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
USACE Senior Leadership Summit	Denton, TX	30 MAY
FEMA R6 ERG COOP Exercise	Sheppard, TX	5 JUN
FEMA Recovery Div. RRF/MA Training	RRCC Denton, TX	11 JUN
Regional Climate & Equity Planners Summit	Oakland, CA	22-26 JUL
LA GOHSEP RRF/MA Training	Baton Rouge, LA	30 JUL
Oklahoma EM RRF/MA Training	Baton Rouge, LA	12 AUG
Inter-Tribal Emergency Management Coalition	Tulsa, OK	19-22 AUG
Arkansas EM Conference	Little Rock, AR	26-30 AUG
FEMA R10 Response Div. Visit	Seattle, WA	16-20 SEP
Q4 ESF/OFA Training Day	RRCC Denton, TX	28 OCT
Fall RISC Meeting	UNT Denton, TX	29-30 OCT

Outlook

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
FEMA R6 - MSY Gen-Pop Walk-through	Baton Rouge/New Orleans, LA	NOV/DEC 2024
Ellington Field Airfield Assessment	Houston, TX	DEC 2024
National EPLO Conference – RRF/MA Training	Phoenix, AZ	JAN 2025
Arkansas Dept. of EM – RRF/MA Training	Little Rock, AR	FEB 2025
Q1 FEMA R6 Response ESF/OFA Training Day	FRC Denton, TX	MAR 2025
FEMA R6 Spring RISC Meeting	Tulsa, OK or Denton, TX	APR/MAY 2025



Department of Homeland Security (DHS) –
**Cybersecurity and Infrastructure Security Agency
(CISA)**

David Gonea



Role	RRT Member	Agency	Contact Info
Primary	David Gonyea	DHS / CISA	202-329-0849 david.gonyea@cisa.dhs.gov
Alternate	Steven Shedd	DHS / CISA	202-738-2764 steven.shedd@cisa.dhs.gov

Overview / Laws & Regs

Chemical Facility Anti-terrorism Standards (CFATS)-

- *Statutory authority remains expired. CISA cannot conduct any of the regulatory work that was done prior to the expiration of authority.*

Region's chemical security staff remain busy providing no-cost, voluntary security services to multiple sectors of critical infrastructure.

1. Focus to the Chemical and Water / Wastewater Systems Sectors
2. Cross-trained to conduct Security Assessment at First Entry (SAFE) visits to any of the remaining 14 critical infrastructure.
3. Operation Flashpoint- continue to raise awareness of bomb making materials and suspicious purchasing behavior at hardware, pool supply, farm supply, gun, fireworks, and beauty supply retailers. Region's chemical security staff has made 1000 Point of Sale location visits since last Fall.

Accomplishments

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
NM Fire / Flooding Recovery Support- Post fire and flooding infrastructure resiliency planning support at State and Local level.	New Mexico	Ongoing
Chemical Security Workshop for Dallas area Water & Wastewater operators	Irving, TX	14 May 2024
Texas Natural Disaster Operational Workgroup (NDOW) Full scale Hurricane exercise	Houston / Galveston, TX	21 – 23 May 2024

Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Conduct six Chemical Security Workshops for the Water & Wastewater Systems Sector	Multiple Cities in Region 6	FY 2025
Conduct joint Flashpoint visits with the FBI to Point of Sale locations in advance of the 2026 World Cup events.	DFW	FY2025



Department of Homeland Security (DHS) –
**Chemical Facility Anti-Terrorism Standards
(CFATS)**



Department of Commerce (DOC) –
**National Oceanic and Atmospheric
Administration (NOAA)**



Role	RRT Member	Agency	Contact Info
Primary	Paige Doelling	NOAA	Phone 206-549-7819 Email paige.doelling@noaa.gov
Alternate	Brandi Todd	NOAA	Phone 504-376-3213 Email brandi.todd@noaa.gov
Alternate	Charlie Henry	NOAA	Phone 206-849-9928 Email Charlie.henry@noaa.gov

- Responses – 34 SSC supported responses thus far in 2024
- NOAA FY 25 Training
 - SOS Houston, March; SOS Key West, May; SOS Seattle, June
 - SOCR Mobile, March; SOCR Seattle, June
 - NOAA/TGLO SCAT; Galveston, April
- Hurricane Response
 - Major Hurricane Beryl (TX), Hurricane Francine (LA) – Neither significant pollution events; Hurricane Milton (FL)
- Clean Gulf – Houston
- Reminder: Fact Sheets!
 - Light Shale (Tight) Oil Spills
 - Synthetic Based Drilling Mud Spills
 - Dielectric Fluid Spills (non-PCB)
 - And more...<https://response.restoration.noaa.gov/resources/oil-fact-sheets-spill-responders>

- GOM Listed Species Update
 - Listed: Queen conch, threatened*
(found in Flower Garden Banks NMS)
 - Proposed:
 - Candidate: smalltail shark, Alabama shad*
 - Petitions: Atlantic horseshoe crab
 -
- NRDA News
 - Ingleside Dock 5 Leak Final Settlement – \$427,000
 - ITC Final Settlement - \$6.65 million
 - Pelican Island Bridge Allision – transitioning into assessment phase



Personnel

- SSCs
 - Paige Doelling on detail to Marine Debris Division (Mid-Atlantic); LTJG Kyle Vincent; handling response calls and some other tasks for Sector Corpus Christi, Sector Houston, and MSU Port Arthur
 - Brandi Todd; Sector New Orleans, MSU Houma
 - Adam Davis; Sector Lower Mississippi
 - RRO; Currently vacant
- ERD Staff Changes
 - John Tarpley now ERD Division Chief
 - Doug Helton Acting Regional Operations Branch Chief
- Other OR&R Coordinators in Region 6
 - Marine Debris Division, Gulf Coast – Jesse James-Barry
 - Regional Preparedness – Elizabeth Hieb



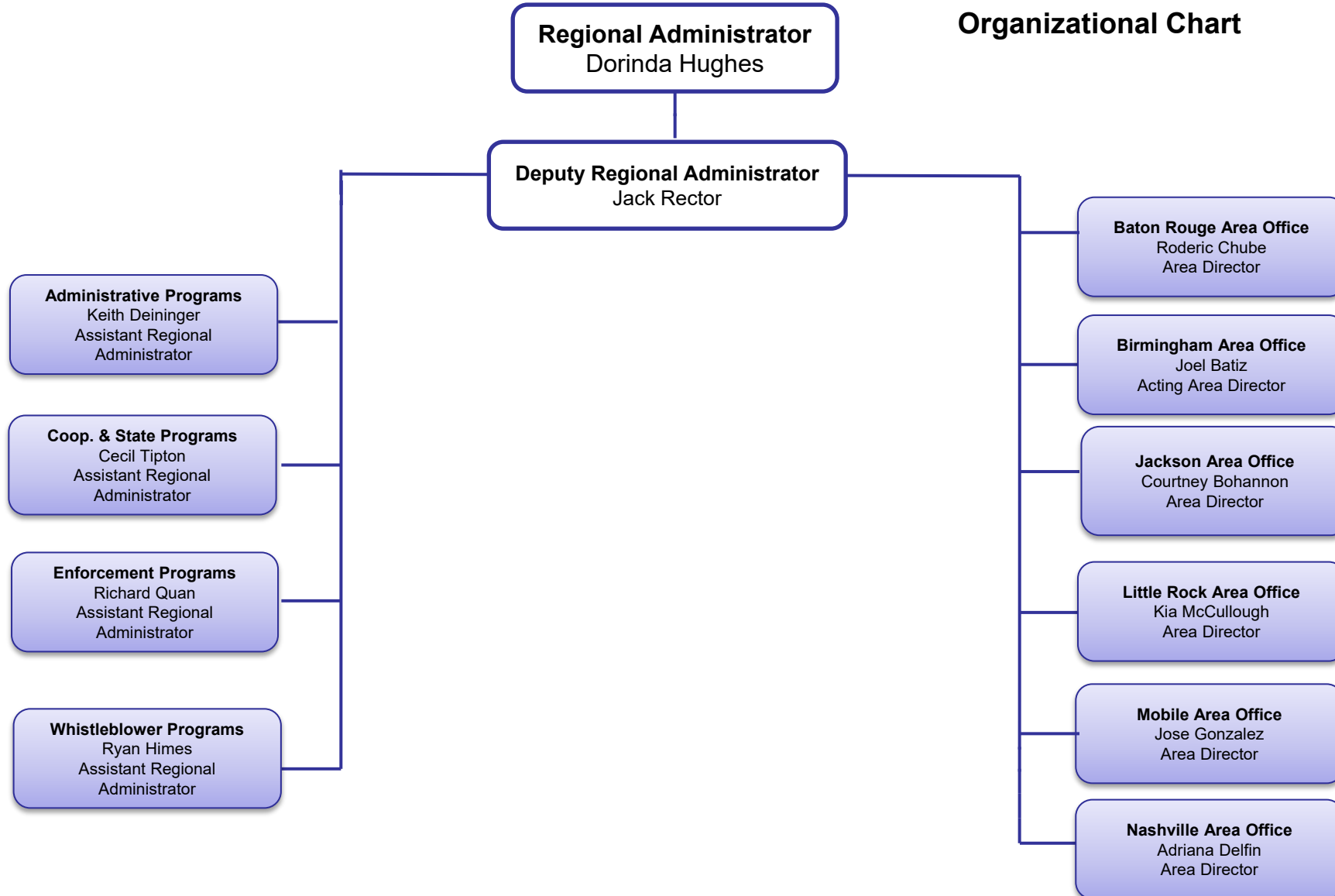
Department of Labor (DOL) –
**Occupational Safety and Health Administration
(OSHA)**

*U.S. Department of Labor
Occupational Safety and Health Administration (OSHA)*

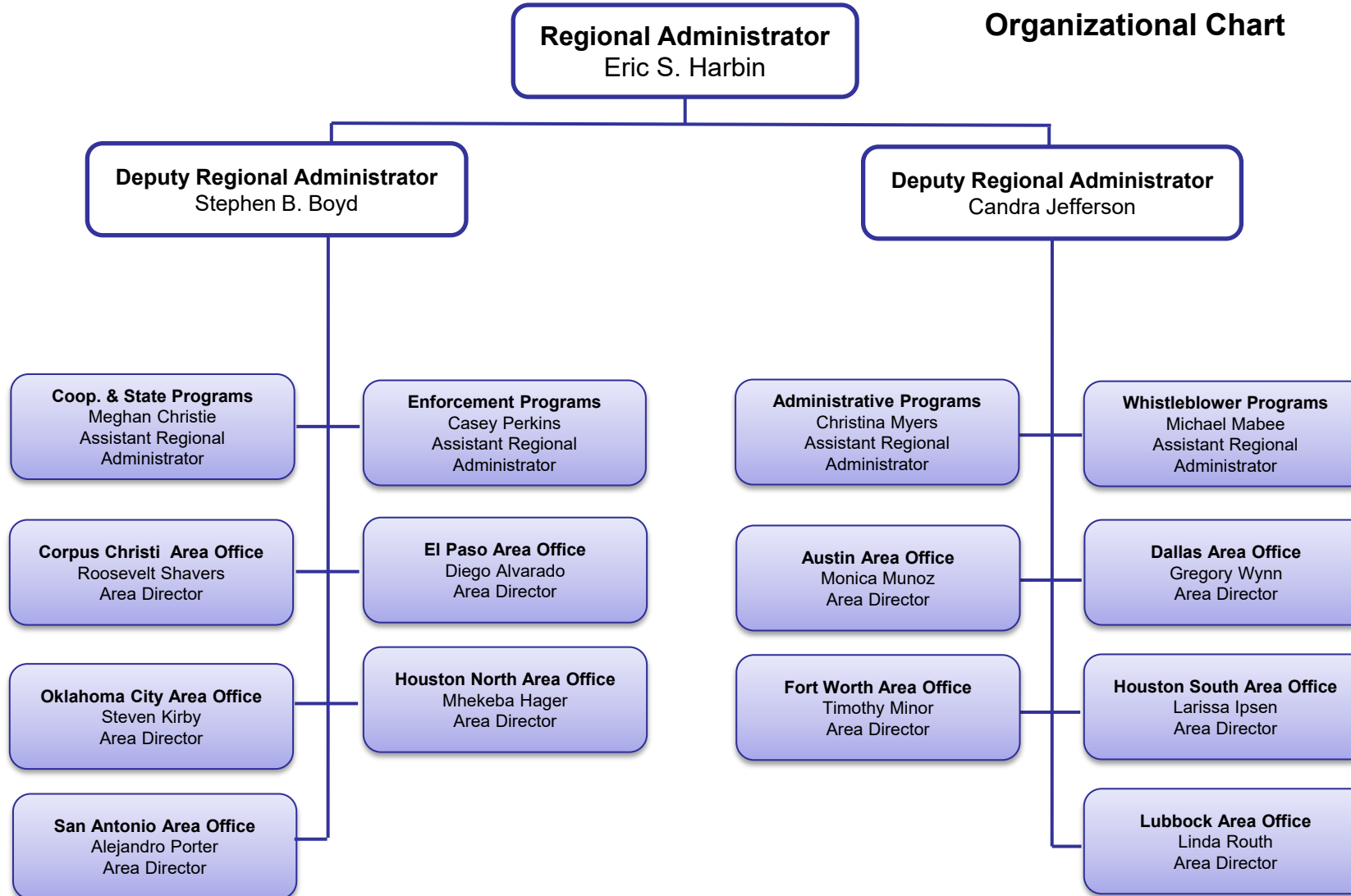


Role	RRT Member	Agency	Contact Info
Primary	James Nevers Emergency Response Coordinator	OSHA (Arkansas and Louisiana)	nevers.james@dol.gov 225-337-8669
Primary	Meghan Christie, ARA Cooperative and State Programs	OSHA (New Mexico, Oklahoma and Texas)	Christie.meghan@dol.gov 972-850-4196

OSHA BIRMINGHAM REGION Organizational Chart



OSHA DALLAS REGION Organizational Chart



Overview

- Developing Birmingham Region Area Offices Continuity of Operation Plans (COOP)
- Developing Birmingham Region Regional Emergency Response Team (RERT)
- OSHA Region 6 Hurricane Beryl Response

HURRICANE BERYL RESPONSE

- Houston South Area Office Area Director met with safety officials from Centerpoint Energy
 - Approximately 250,000 people at this point was without power.
 - Approximately 12,000 linemen were in the Houston area.
 - 20 staging areas were visited and safety pamphlets were handed out.

EMERGENCY PREPAREDNESS AND RESPONSE VIRTUAL TABLETOP EXERCISE

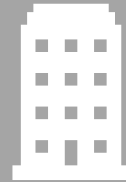




OBJECTIVES



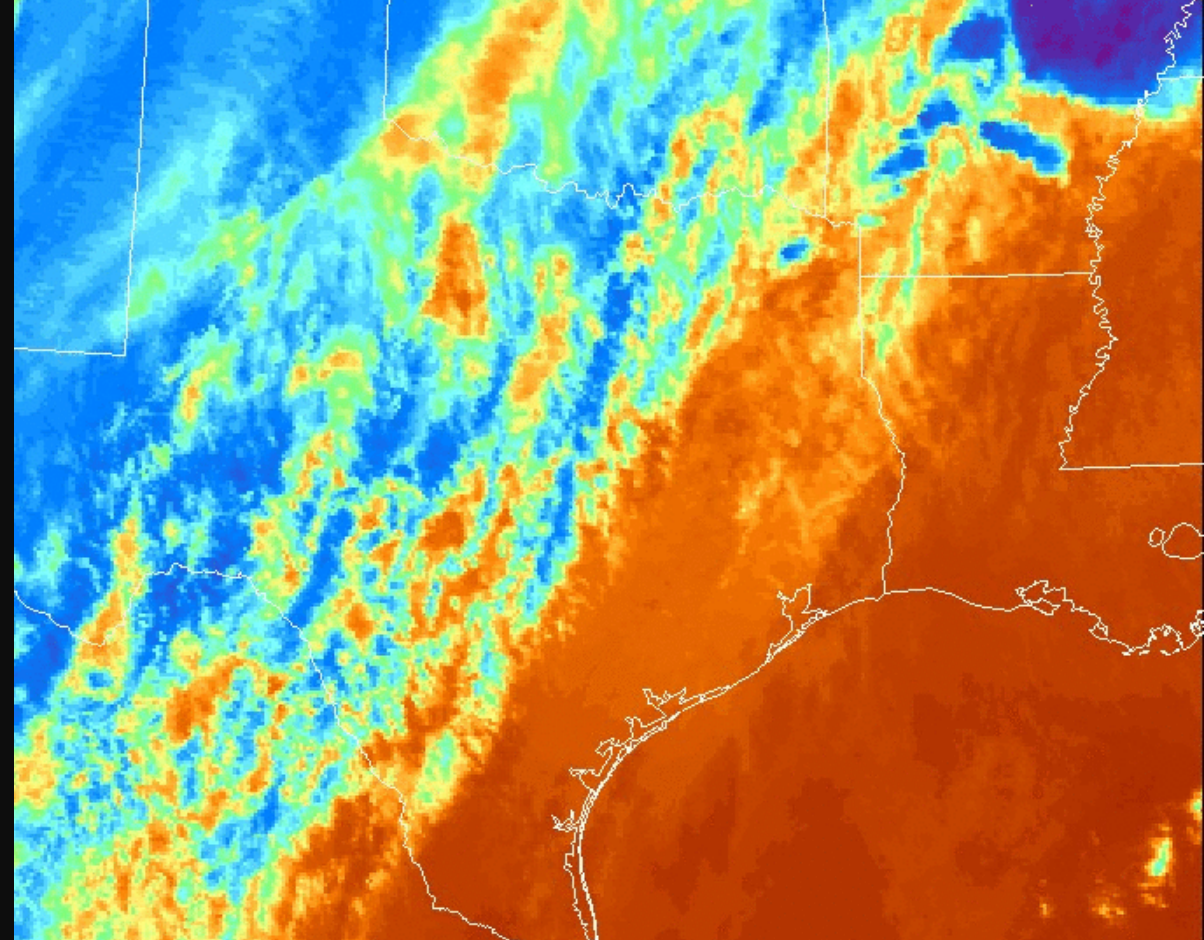
1. Participants can successfully conduct staff accountability.

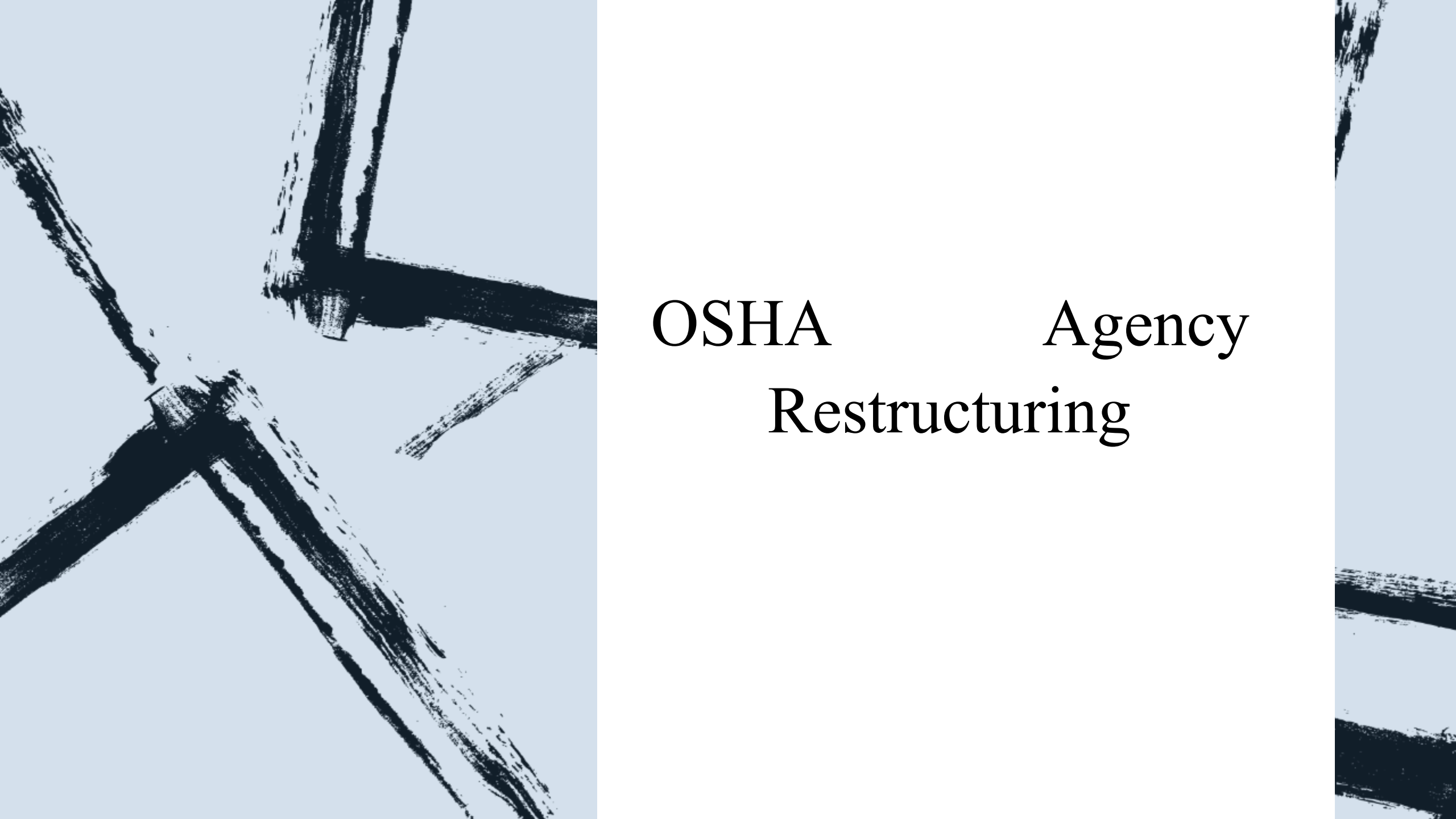


2. Area Offices can successfully communicate and coordinate with the Regional Office.

Scenario

- A slow-moving severe squall line producing supercell thunderstorms moved eastward across Texas, Oklahoma, Arkansas and Louisiana. Multiple tornados developed. The storm systems brought significant and widespread heavy rains across the area.
-





OSHA Agency Restructuring

Department of Labor Restructures Workplace Safety and Health Regional Operations



The changes include the creation of a new OSHA regional office in Birmingham, Alabama, overseeing agency operations in the state, and those in Arkansas, Kentucky, Louisiana, Mississippi and Tennessee as well as the Florida Panhandle.



OSHA has merged Regions 9 and 10 into the new San Francisco Region

Department of Labor Restructures Workplace Safety and Health Regional Operations

Previous Regional Assignment

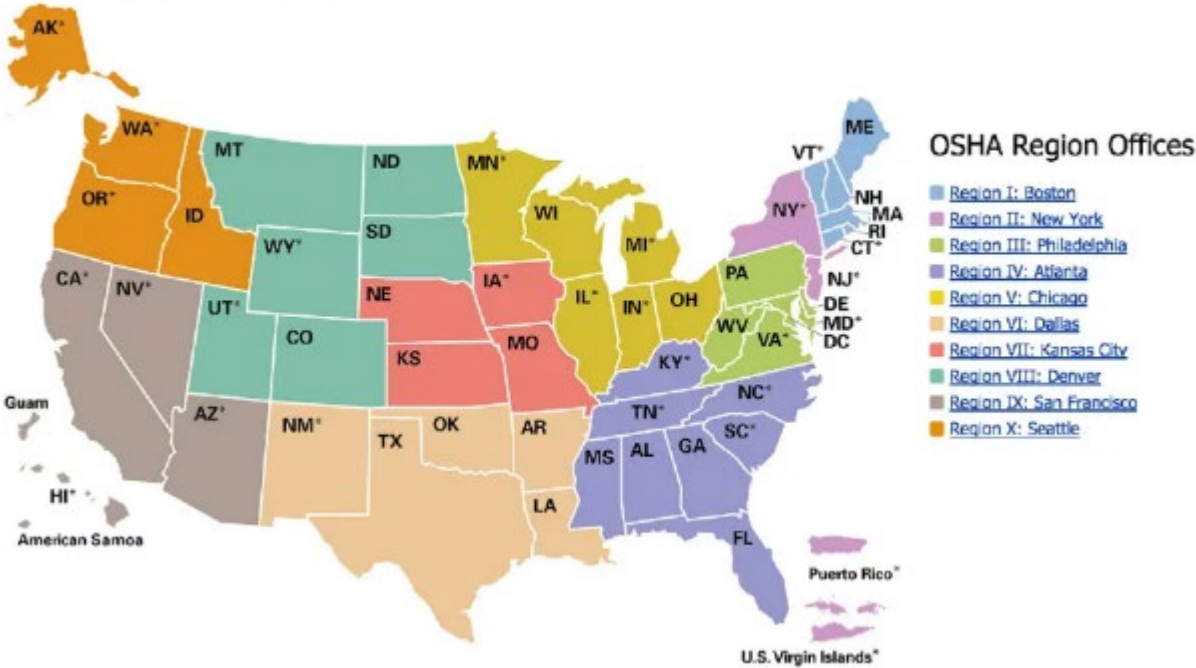
Region 1
Region 2
Region 3
Region 4
Region 5
Region 6
Region 7
Region 8
Regions 9 and 10

New Regional Designation

Boston Region
New York City Region
Philadelphia Region
Atlanta Region
Chicago Region
Dallas Region
Kansas City Region
Denver Region
San Francisco Region
Birmingham Region

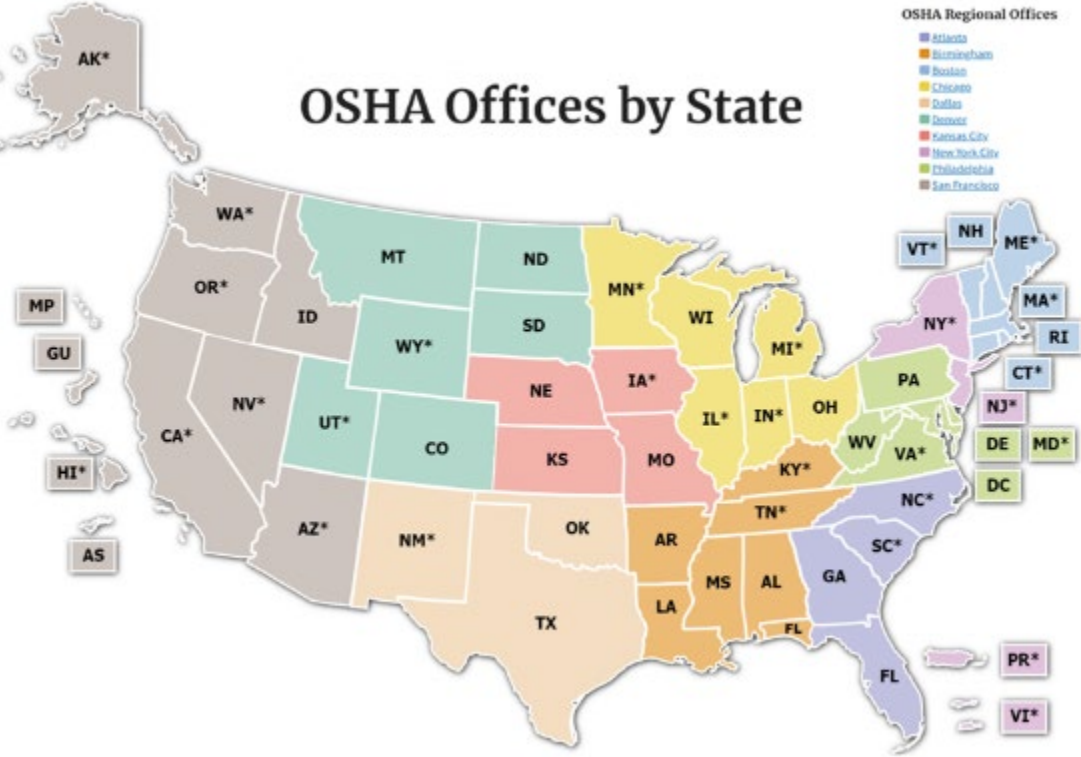
PREVIOUS

Regional & Area Offices



PRESENT

OSHA Offices by State



Accomplishments

Since last RRT meeting
Spring, 2024

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
OSHA Region 6 Preparedness and Response Tabletop Exercise	OSHA Region 6	May 2024
Eagle Horizon Devolution Exercise	National	July 2024
Public Service Announcement: Is your workplace prepared for severe weather?	YouTube	June 2024
Safe + Sound Week events through out the region	OSHA Region 6	Aug – Sept 2024

Outlook

Until Next RRT meeting
Spring, 2025

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
OSHA Dallas Region Preparedness and Response Tabletop Exercise – Admin and Logistics	New Mexico, Oklahoma, Texas	2025
Eagle Horizon Exercise	National	2025
Working on COOPs and Regional Emergency Response Plan	OSHA Birmingham Region Arkansas and Louisiana	On-going
Participate in Douglas Reservoir Cleanup	OSHA Birmingham Region	On-going



Department of the Interior (DOI)

Rebecca (Becky) Collins

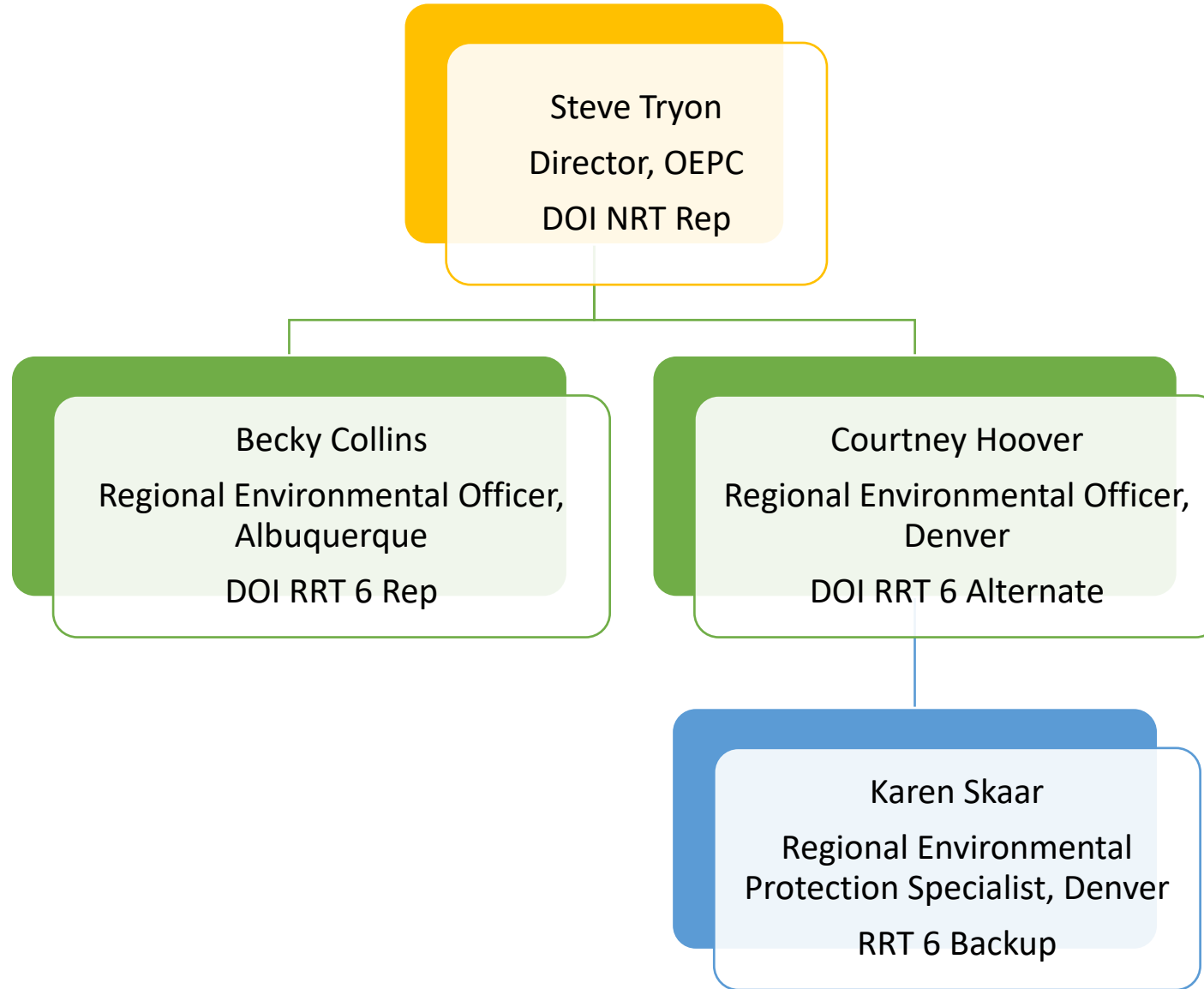
Department of the Interior



Office of Environmental Policy & Compliance (OEPC) Contacts

Role	RRT Member	Agency	Contact Info
Primary	Becky Collins	DOI-OEPC	720-814-6167 rebecca_collins@ios.doi.gov
Alternate	Courtney Hoover	DOI-OEPC	303-478-3373 courtney_hoover@ios.doi.gov
Backup	Karen Skaar	DOI-OEPC	720-505-1699 karen_skaar@ios.doi.gov

Agency Organization Chart





Agency Updates



Saving an oiled bird's life –Photo courtesy of USFWS



Blackwell School –Photo courtesy of NPS



*Independence Creek Preserve –Photo courtesy of
Kenny Braun for The Nature Conservancy in TX*

DOI Inland Oil Spill Preparedness Program (IOSPP) \$2 Million/year to fund bureau projects that support oil spill preparedness.

- Inland Oil Spill for DOI Response Webinar Series
<https://www.fws.gov/training/inland-oil-spill-for-doi-response-webinar-series>
- ***IOSPP Training Working Groups*** – Est. 2024. Focused on identifying DOI employee and tribal training needs, opportunities to utilize trainings that EPA, NOAA, and other agencies host, and developing new training as needed.

New National Park & National Landmark Designations

- [Blackwell School National Historic Site](#), Marfa, TX – July 17, 2024
- [Independence Creek Preserve](#), Sheffield, TX – August 9, 2024

DOI Awards \$16.73 Million to Clean Up Legacy Pollution on Tribal Lands

- Chickasaw Nation, OK
- Comanche Nation, OK
- Jicarilla Apache Nation, NM
- Osage Nation, OK

Agency Accomplishments

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
DOI Inland Oil Spill Response Training	Puerto Rico	November 4-8, 2024
Quad Cities Spill Exercise	Davenport, IA	June 24-26, 2024

Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
DOI Historic Property Specialist Workshop	Twin Cities, MN	November 18-20, 2024
DOI Command and General Staff Training (H-337/ICS-300 and ICS-400)	Phoenix, AZ	December 9-13, 2024
DOI Inland Oil Spill Response Training	Shepherdstown, WV	March 10-14, 2025
DOI Pollution Removal Funding Authorizations Environmental Compliance Memorandum 16-4 Update	HQ	TBD 2025

Bureau Updates - FWS



FWS Contacts

FWS-Spill Response	National Spill Response Coordinator/EPA R6 Liaison	Barry Forsythe	barry_forsythe@fws.gov
FWS-Spills/Contaminates	Regional Spill Response NM, TX, OK	Suzanne Dunn (acting) Mary Maddux	suzanne_dunn@fws.gov mary_maddux@fws.gov
FWS – Spills/Contaminates	Regional Spill Response AR, LA	Chrissy Richards	christina_richards@fws.gov
FWS – AR/LA	Spill Response/ESA	Lindsey Adams	lindsey_adams@fws.gov
FWS-LA SE	Oil & Gas, SE Refuges	Tarice Taylor	tarice_taylor@fws.gov
FWS-LA SW	Oil & Gas, SW Refuges	Mackenzie Kleinpeter	mackenzie_kleinpeter@fws.gov
FWS - NM	Spill Response/ESA	Robert Prather	robert_prather@fws.gov
FWS-OK	Spill Response/ESA	Jonathan Fischer Todd Adornato Samantha Ruch	jonathan_fischer@fws.gov todd_adornato@fws.gov samantha_ruch@fws.gov
FWS-TX	Spill Response/ESA for Inland & Coastal	Erik Orsak Denise Ruffino Heather Biggs Claire Iseton Monique Slaughter	erik_orsak@fws.gov denise_ruffino@fws.gov heather_biggs@fws.gov claire_iseton@fws.gov monique_slaughter@fws.gov

Bureau Updates - FWS



ESA DECISION – Region 2 (Southwest) & 4 (Southeast)

Species	Geographic Area	<u>DECISION</u>	Effective Date	Federal Register Link
Red-Cockaded Woodpecker	AR, LA, OK, and TX	Reclassified from Endangered to Threatened	11/25/24	89 FR 85294 10/25/24
Pearl River Map Turtle	Pearl River drainage in LA	Final Listing as Threatened	8/21/24	89 FR 57206 7/12/24
Seven Central TX Mussels	Colorado, Guadalupe, Brazos, and Trinity River Basins	Final Listing as Endangered & Threatened	7/5/24	89 FR 48034 6/4/24



Red-cockaded woodpecker –Photo courtesy of USFWS



Pearl River Map Turtle –Photo courtesy of USFWS



Texas fatmucket –Photo courtesy of USFWS

Bureau Updates - FWS



ESA Under Review – Region 2 (Southwest) & 4 (Southeast)

Species	Geographic Area	<u>UNDER REVIEW</u>	Comment Period	Federal Register Link
Toothless and Widemouth Blindcat	Edwards Plateau, TX	6 mo extension on Proposed Listing as Endangered	8/1/2024-9/3/2024	89 FR 62707 8/1/24



Toothless Blindcat –Photo courtesy of FWS

Bureau Updates - FWS



ESA Not Warranted – Region 2 (Southwest) & 4 (Southeast)

Species	Geographic Area	<u>DECISION</u>	Decision Date	Federal Register Link
Kiamichi Crayfish	Headwaters/upper tributaries of upper Kiamichi River, OK	Not Warranted for Listing	6/20/24	89 FR 51864 6/20/2024
Rio Grande Chub	Rio Grande Basin of NM and TX	Not Warranted for Listing	6/20/24	89 FR 51864 6/20/2024
Rio Grande Sucker	Rio Grande River drainage in NM	Not Warranted for Listing	6/20/24	89 FR 51864 6/20/2024



Kiamichi Crayfish –Photo courtesy of Daniel Folds, iNaturalist



Rio Grande Chub –Photo courtesy of FWS



Rio Grande Sucker –Photo courtesy of FWS

FWS Accomplishments

Since last RRT meeting



Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
24 hr HAZWOPER Training	Lacombe, LA	May 21-23, 2024
40 hr HAZWOPER Training	Tulsa, OK	June 24-28, 2024
40 hr HAZWOPER Training	Honolulu, HI	August 12-26, 2024
24 hr HAZWOPER Training	Portland, OR	September 17-29, 2024
EPA R6 OSC Monthly Meeting	Dallas, TX	October 2024
40 hr HAZWOPER Training	Anchorage, AK	October 21-25, 2024

FWS Outlook

Until next RRT meeting



Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
Clean Gulf	Houston, TX	November 18-20, 2024
Best Practices for Migratory Bird Care During Oil Spill Response Guidance	FWS HQ	Early 2025
HAZWOPER 40-hour	Falls Church, VA	April 7-11, 2025
Clean Waterways	Denver, CO	April 16-18, 2024
HAZWOPER 24-hour	Phoenix, AZ	September 16-18, 2025

DOI Bureau Contacts Continued

BIA	National	Sherry Kircher Chester McGhee	Sherry.Kircher@bia.gov Chester.McGhee@bia.gov
BIA	Eastern Region (AR, LA)	Jerry Page Keith Bluecloud	jerry.page@bia.gov Keith.Bluecloud@bia.gov
BIA	Southwest Region (NM)	Donna Kraidy	donna.kraidy@bia.gov
BIA	Navajo Region (NM)	George Padilla	George.Padilla@bia.gov
BIA	Southern Plains (portions of OK, TX)	Dave Anderson	David.Anderson@bia.gov
BIA	Eastern Oklahoma (portions of OK)	Mosby Halterman	Mosby.Halterman@bia.gov
BLM	NM, TX, OK	Dave Jevons	dejevons@blm.gov
Bureau of Reclamation	NM	Scott Hebner	shebner@usbr.gov
Bureau of Reclamation	NM – Gila River Basin	Jeffrey Smith Sean Heath	JefferySmith@usbr.gov sheath@usbr.gov
NPS	National	Lyndsey Nguyen	lyndsey_nguyen@nps.gov
USGS	AR	Drew Westerman	dawester@usgs.gov
USGS	NM	Justin Hagerty	jhagerty@usgs.gov
USGS	LA	Aub Ward	anward@usgs.gov
USGS	OK	Jason Lewis Shana Mashburn	jmlewis@usgs.gov shaman@usgs.gov
USGS	TX	Cassie Crow Linzy Foster	ccrow@usgs.gov lfoster@usgs.gov

Bureau Updates - BSEE



BSEE Contacts

BSEE – OSPD (Planning & Preparedness)	GOM Supervisor	Sara Moore	sara.moore@bsee.gov
BSEE – OSPD (Planning & Preparedness)	Senior Preparedness Analyst – OSPD RRT6 Rep.	Cullen Jones	cullen.jones@bsee.gov
BSEE – GOM Region (Response)	Source Control Support Coordinator	James Fletcher	james.fletcher@bsee.gov
BSEE – GOM Region (Response)	Source Control Support Coordinator	Michael ‘J’ Fornea	j.fornea@bsee.gov

Bureau Updates - BSEE



- BSEE Decommissioning of Orphaned Wells & Pipelines Project - ongoing
 - Abandonment of nine orphaned wells & eight orphaned pipelines
 - ~12 Miles off TX Coast – Matagorda Island blocks (MI-632, 656, & 657; USCG Sector Corpus Christi AOR)
 - New five-year contract awarded to include the eight pipelines
 - Facilities became orphaned due to operator liquidation via bankruptcy

Laws/Regs/Policies/Research



- Reg. Update: 30 CFR 254 Oil Spill Response Requirements for Facilities Located Seaward of the Coastline
- Research: BSEE Response Research Branch
 - BSEE OSRR #1134 – Restricted Burning Tongue (ongoing)
 - BSEE OSRR #1156 – Surface Water Droplet Size Distribution Instruments: Laboratory Validation, Tank Deployment, & Field Evaluation (ongoing)
 - <https://bsee.gov/research-record>

BSEE Hurricane Response

2024 Hurricane Season



- BSEE's Hurricane Response Team - 2024 Hurricane Season
 - Hurricanes: Beryl, Francine, Helene, & Milton
 - Curtailment/Shut-In Production: 7,124,031 bbls across 5 BSEE Districts
 - Platform Evacuations: 159
 - Damaged Platform reports: 30 (however, no significant oil discharges)
 - Reporting and monitoring was released publicly for each storm until operations return to normal following the severe weather.
 - Through an interagency collaboration, USCG personnel are embedded within BSEE's HRT to better coordinate response activities.
 - BSEE OSPD participated in Pre- and Post-Hurricane ESF-10 Call(s)

BSEE Accomplishments

Since last RRT meeting in May 2024



Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
2 Joint BSEE GIUEs with USCG & State participation	LA & TX	Since May 2024
11 Operator-led FE/FSE Audits; 34 Equipment Preparedness Verifications (depots) 8 equipment deployment/training audits	GOM	Since May 2024
Incident Response Support	High Island 98 (TX state waters)	July/Aug 2024
Incident Response Support	West Cameron	Oct 2024

Outlook

Until Next RRT meeting
Spring 2025

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
BSEE OSPD Preparedness Priorities Meeting(s)	Elmwood Tower, New Orleans/Virtual	NOV/DEC 2024
BSEE-OSPD Standard Compliance Activities (GIUE, EV, SROT, FE)	GOM	FY 2025 (ongoing)

Action Items

No	Items	Assigned To
1		
2		
3		
4		

Closing Remarks

Co-Chairs



Craig Carroll, U.S. EPA



Michael Sams, USCG

Networking Event

BJ's Restaurant and Brewhouse

4901 Belt Line Road

Dallas, TX 75254

972-392-4600



Welcome to the Fall 2024 Meeting



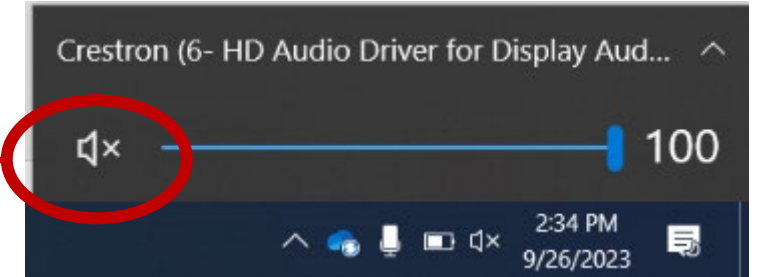
14 Nov 2024

Day 2

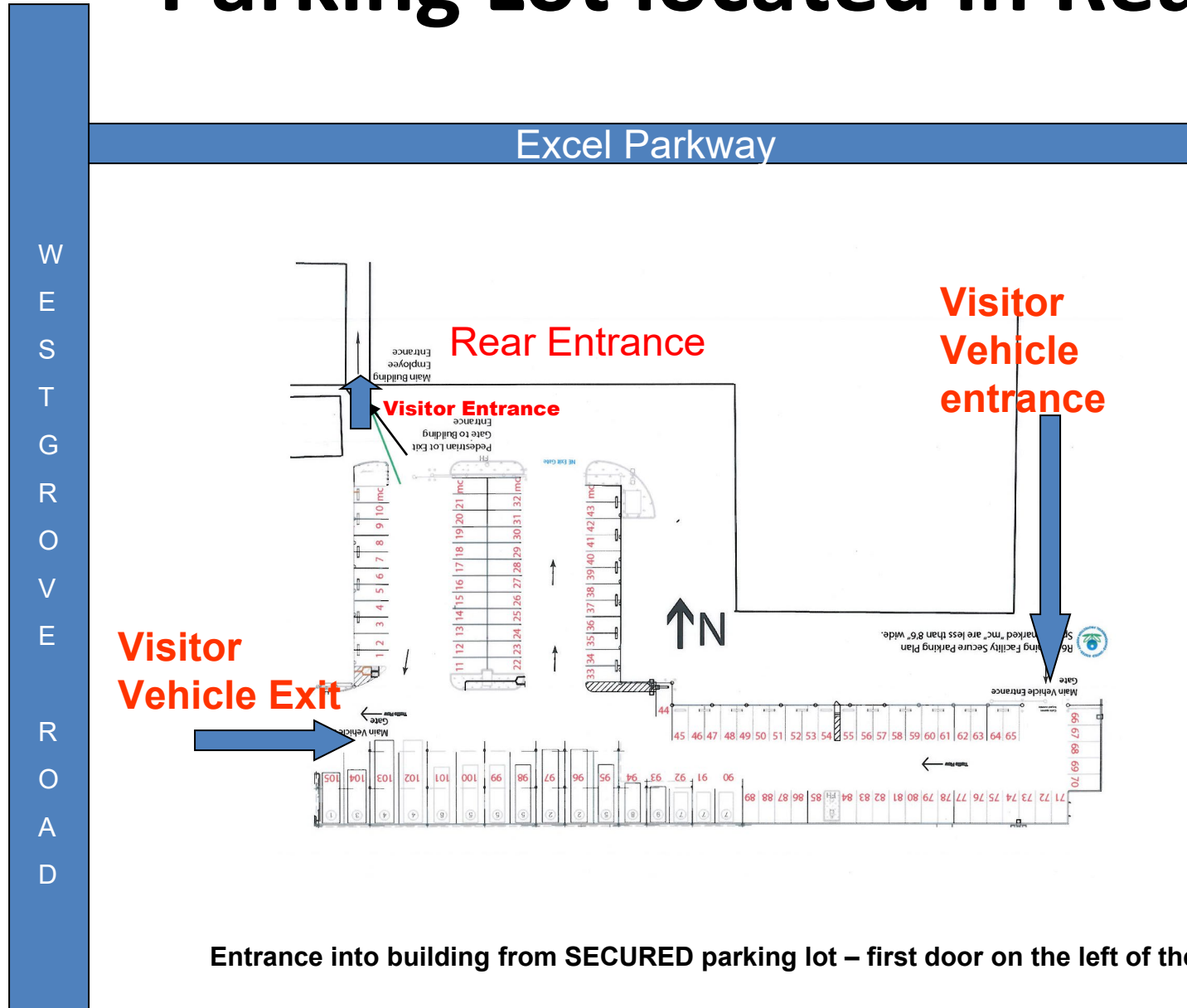
Meeting Call-in Number: (210) 469-3886 Passcode: 478 595 417#

Meeting Admin: In-person Attendees

- Silence all Cell Phones
- Turn PC Speakers OFF
- Please Use Microphones and Identify Yourself
- Limit Sidebar Talking Conversations/Noise
- Avoid Acronyms
- Breaks/Lunch
- Sign in sheets

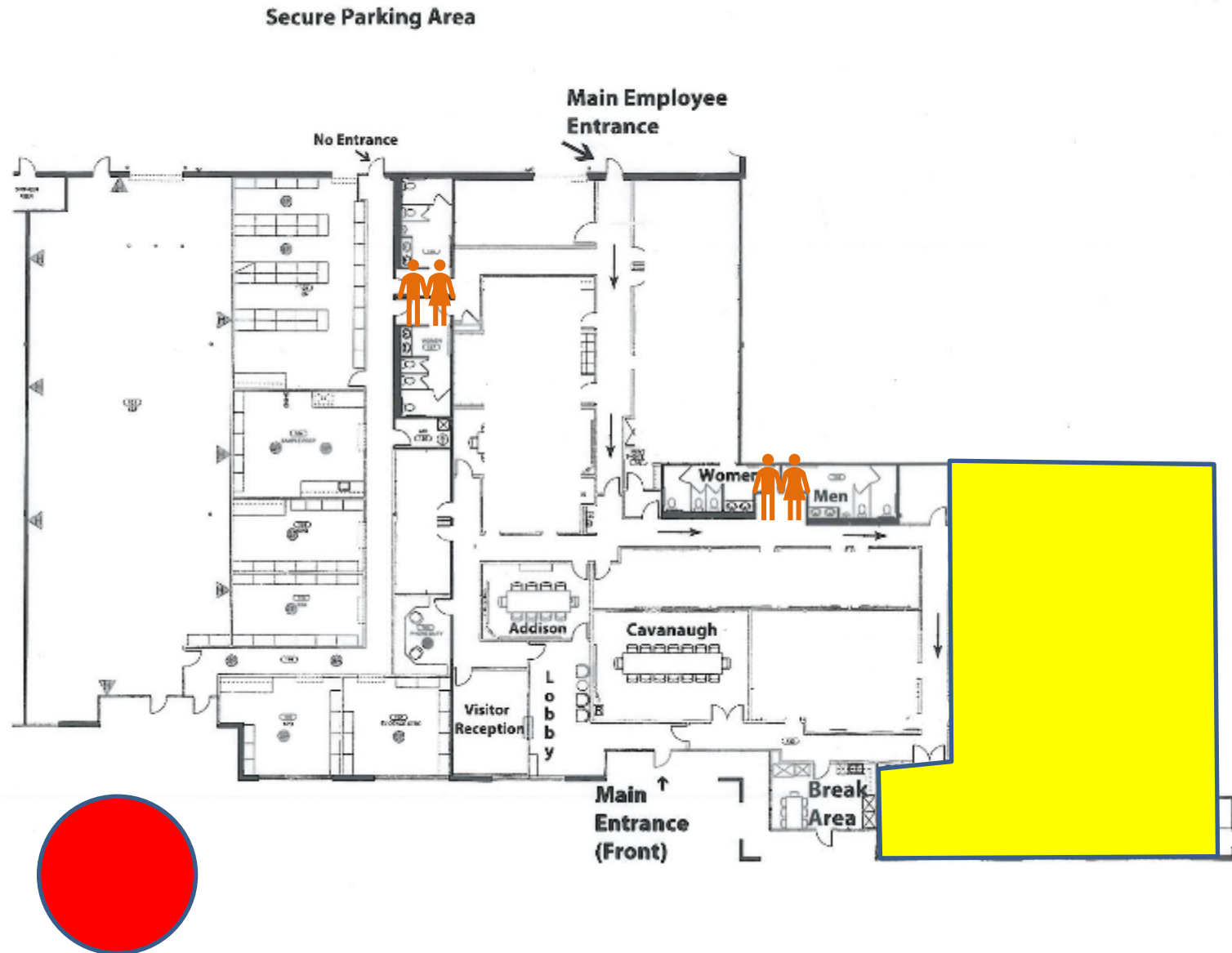


Parking Lot located in Rear



Entrance into building from SECURED parking lot – first door on the left of the facility.

Rest Rooms



Meeting Admin: Remote Attendees

- Turn off Cameras and Mute Mics
- Do not put your phones on hold
- *6 to mute/unmute
- Identify yourself when speaking
- Raise Hand and/or Use Meeting Chat
- Roll Call Process:

If you called in and you do not see your name displayed in Teams, please type your name in the meeting chat so we can add you to the meeting summary or Fisher.Kelsey@epa.gov



Day 2



2024 Regional Response Team (RRT) 6 Fall Meeting Agenda

Day 2		Thursday, Nov 14, 2024	
0830 – 0835	Welcome	Co-Chairs & Coordinators	
0835 – 0920	Net Environmental Benefit Analysis for a Hypothetical Loss of Well Control Scenario in the GoM	Dr. Victoria Broje, Shell	
0920 – 0950	EPA Case Study – Crescent Midstream - Raceland, LA	Julie Sejour, USEPA	
0950 – 1020	USCG Case Study – Pelican Island Bridge Allision Incident	LT Tracy Ham, MSU Texas City	
20-Minutes	Break		
1040 – 1140	USCG FOSC Reports (unit reps from each of the below will present ~10 min):		
	1. Sector Lower Mississippi River	LT John Krueger	
	2. Marine Safety Unit Port Arthur	LT Hannah Cannon	
	3. Marine Safety Unit Houma	LTJG Carla Shepherd	
	4. Sector Corpus Christi	LT Marshall Grant	
	5. Sector Houston-Galveston	CWO2 Michael Walker	
	6. Sector New Orleans	LTJG John Haksteen	
1140 – 1155	Open Forum	All/Co-Chairs	
1155– 1200	Review Action Items & Future Meeting Dates	Coordinators	
1200 – 1210	Closing Remarks	All/Co-Chairs	
1210	Adjourn		

Dates for future RRT-6 Meetings		
Semiannual Meetings	Location	Dates
Spring 2025 Joint RRT-6/7 mtg	Lenexa, KS	2-3 Apr 2025
Fall 2025	Addison, TX	5-6 Nov 2025
Spring 2026	Addison, TX	6-7 May 2026
Fall 2026	Addison, TX	5-6 Nov 2026

Opening Remarks

Co-Chairs



Madison McNary, U.S. EPA



Dr. Keyth Pankau, USCG

Net Environmental Benefit Analysis for a Hypothetical Loss of Well Control Scenario in the GoM

Dr. Victoria Broje, Shell

Net Environmental Benefit Analysis (NEBA) for a Hypothetical Loss of Well Control Scenario in the Gulf of Mexico

Dr. Victoria Broje, Shell
Dr. Adriana Bejarano, NOAA
Gabrielle McGrath, RPS/TetraTech
DaMonica Pierson, Shell

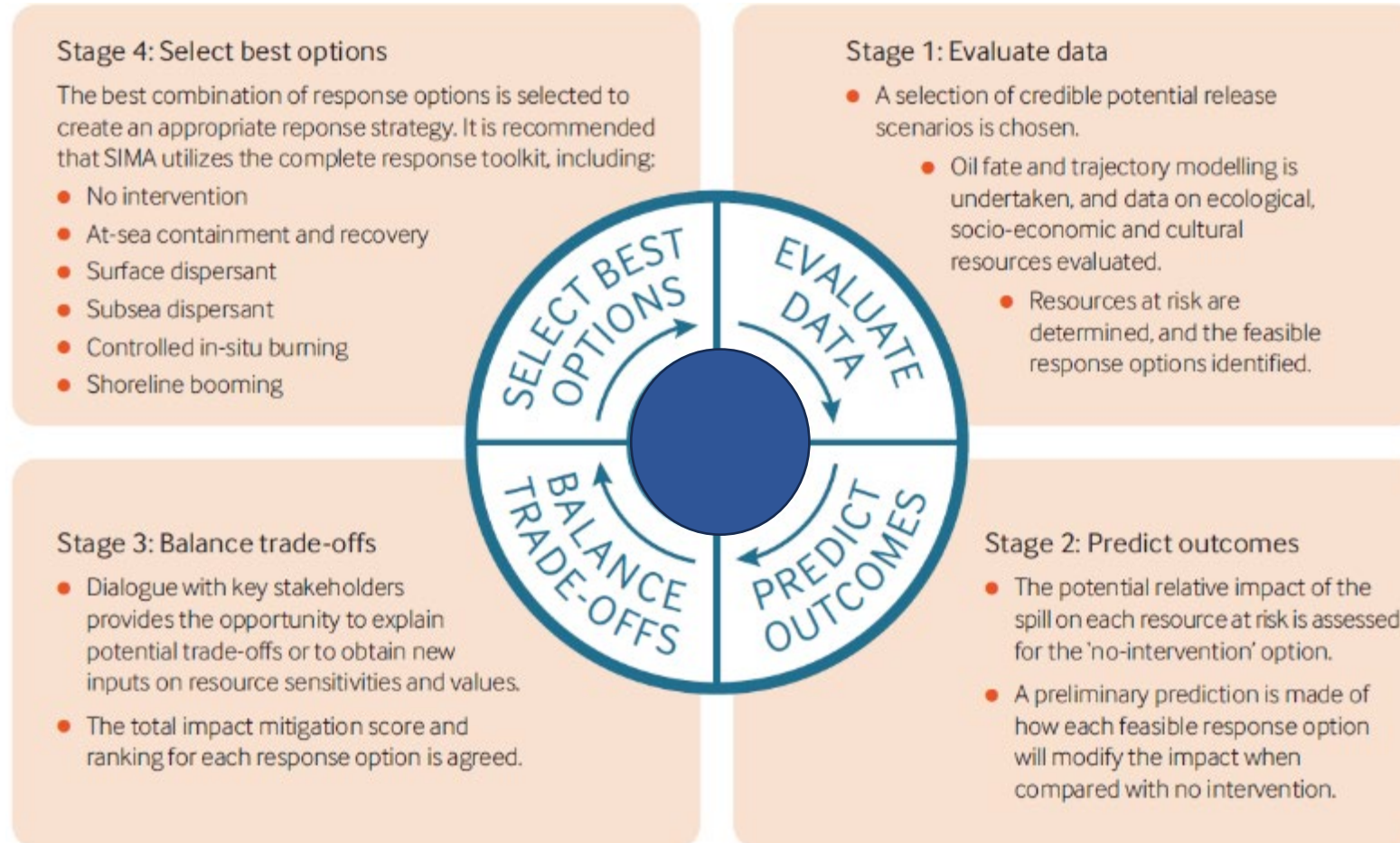


Application of NEBA Principles

- “Minimize harm” decisions in choosing response actions in contingency planning and response;
- Dispersants and in-situ burning pre-approvals checklists by regulators;
- Simplified assessment during exercises or short events;
- Detailed NEBAs for large/extended events and in planning stages using one of three main approaches:
 - **Consensus Ecological Risk Assessment (CERA – risk matrix)**
 - **Spill Impact Mitigation Assessment (SIMA – multiplication of coefficients)**
 - Comparative Risk Assessment (CRA – numerical modeling)



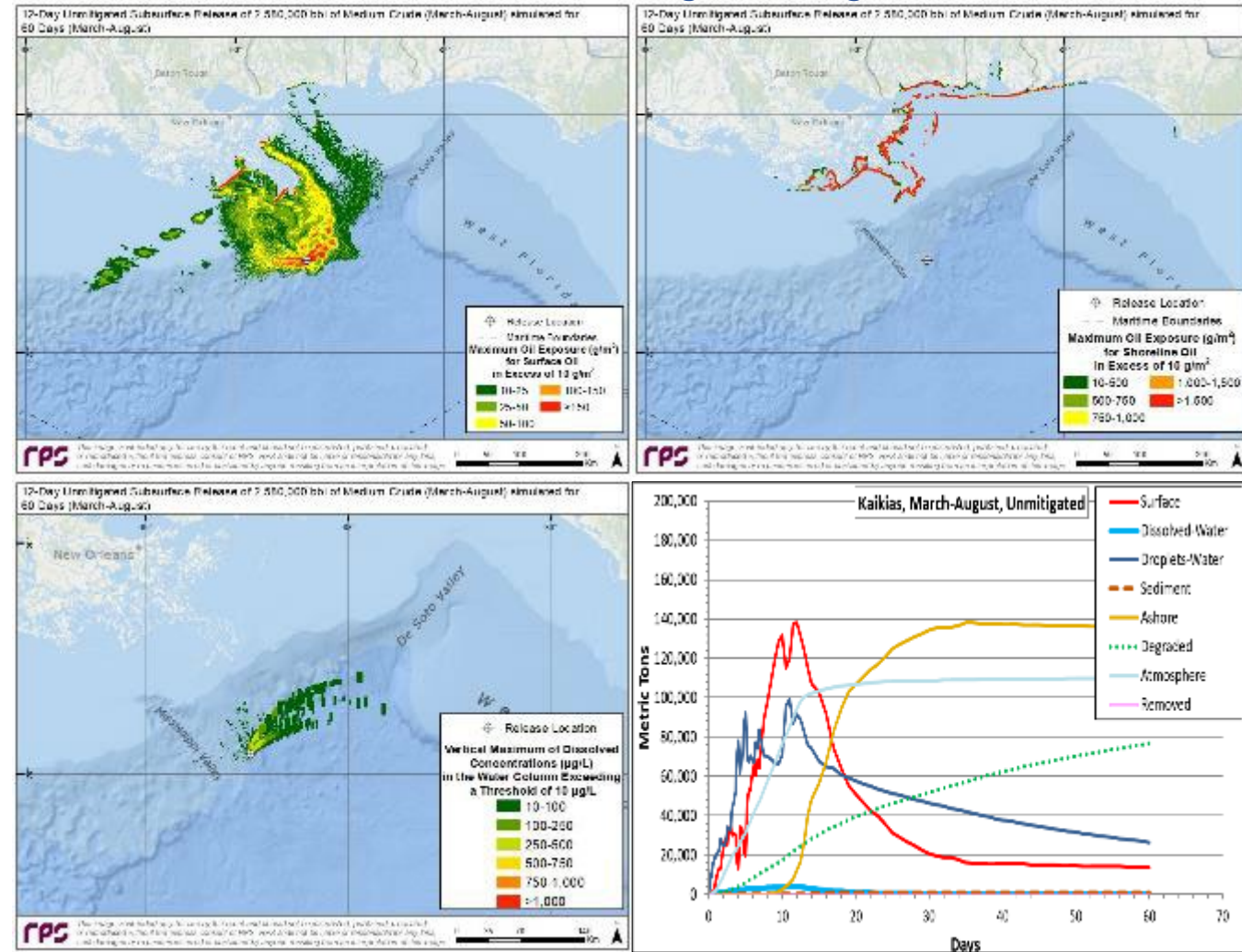
Shared Process Between NEBA/CERA and SIMA



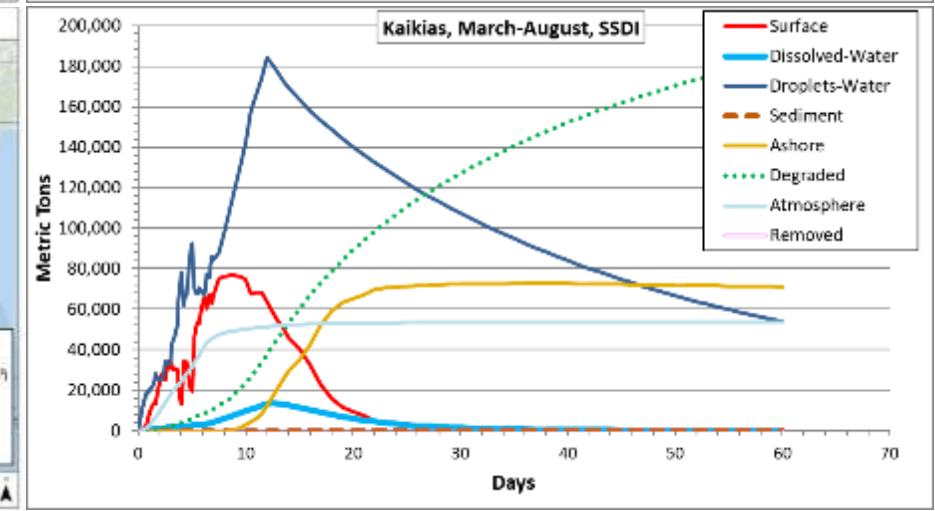
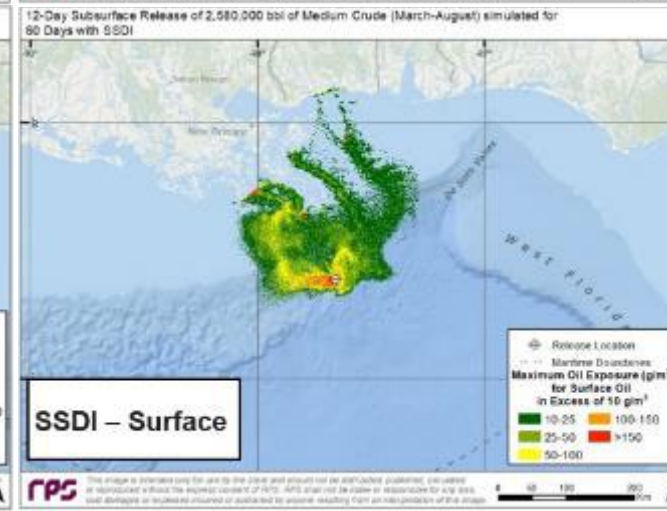
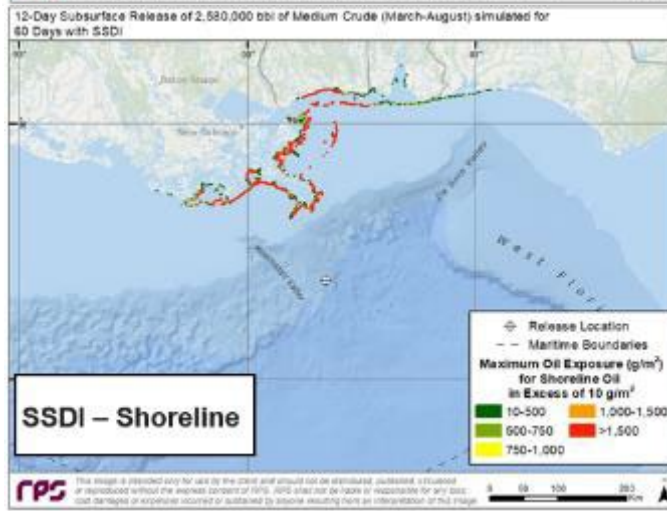
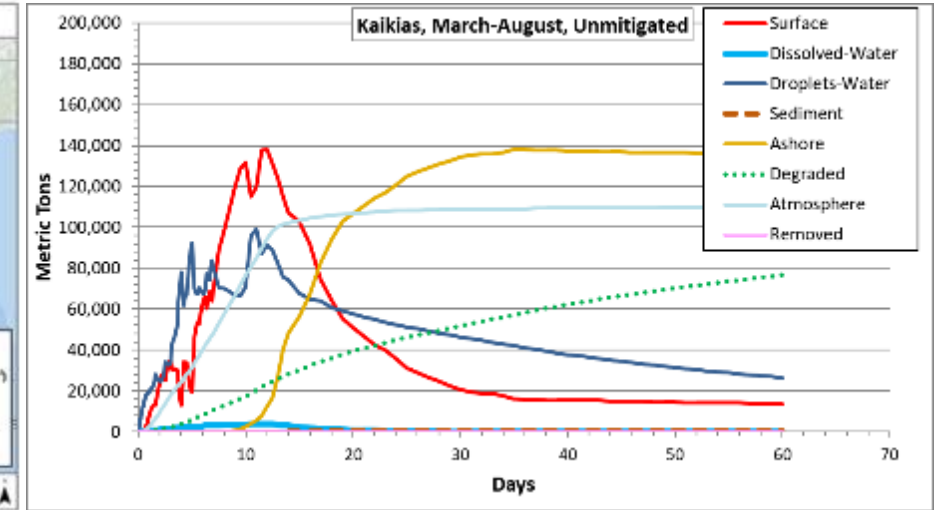
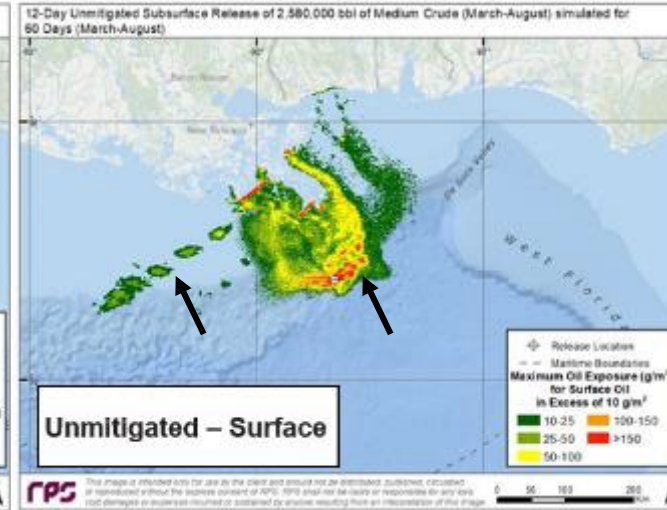
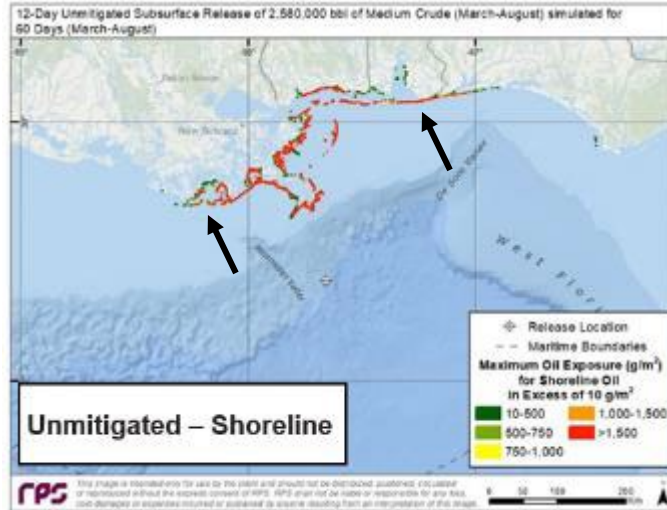
Modeling Scenarios

- A hypothetical spill location: Kaikias Field
- Release scenario: medium crude; release rate of 215,000 bbl/day for 12 days (total release: 2,580,000 bbl)
- Response countermeasures: unmitigated, mechanical recovery, *in-situ* burning, surface dispersant application, subsea dispersant injection
- Simulation: stochastic and deterministic (60 days)
- Thresholds:
 - Water surface - 10 μm
 - Shoreline - 10 μm
 - Water column - 10 ppb dissolved PAH

Deterministic Modeling – Unmitigated



Unmitigated vs. SSDI



Resources at Risk

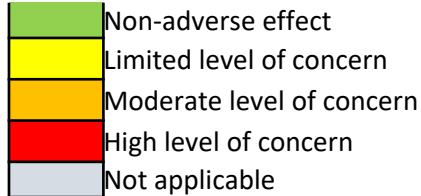
There are many habitats and species in the potential area of impacts including species with protected status, species of local interest or culturally important

Compartment	Resources	Representative/Vulnerable Species
Coastal areas (supra and intertidal)		
Marshes and shallow areas	Vegetation	Salt, fresh and brackish-water marshes, black mangroves, seagrasses
	Terrestrial mammals	Long-tailed weasel, Louisiana black bear, wild pigs, otter
	Birds	Examples: herons, cormorant, terns, egrets
	Fishes	Examples: speckled trout, redfish, flounder, sheepshead
	Reptiles	Diamondback terrapin, American alligator, snakes
	Invertebrates	Molluscs, oysters, crustaceans, foraminifera
Sandy beaches	Vegetation	Sea oats, wiregrass, seaside heliotrope, beach morning-glory
	Terrestrial mammals	Alabama beach mouse, racoons
	Birds	Red knot, piping plover, brown pelican
	Invertebrates	Semi-terrestrial crabs, land blue crab
Designate/important habitats/areas		Reptiles: Kemp's ride, loggerhead nesting beaches (Chandeleur Islands) Birds: Audubon Important Bird Areas; important migratory corridors
Coastal/nearshore subtidal		
Surface water (<10 m)	Birds	Brown pelican, egrets
	Marine Mammals	Bottlenose, Atlantic spotted and Risso's dolphin
	Reptiles	Sea turtles: Kemp's ride, green, loggerhead, Hawksbill
	Fishes	Examples: cobia, mackerels, reef fish (snappers, groupers)
Water column (>10 m)	Fishes	Examples: cobia, mackerels, reef fish (snappers, groupers)
Benthos	Invertebrates	Examples: shrimp, blue crab, oysters
Benthic habitat	Artificial Reefs	Artificial reefs in nearshore waters of Louisiana
Designate/important habitats/areas		Fish: NMFS-designated Essential Fish Habitat; Reptiles: Kemp's Ridley migratory corridor
Open Sea		
Surface water (<10 m)	Floating vegetation	Sargassum- Critical Habitat for loggerhead; important habitat for other species
	Marine Mammals	Examples: Blainville's and Cuvier's beaked whales, dwarf sperm whale
	Birds	Shearwater, petrels, terns, gulls, magnificent frigatebird
	Fishes	Marlin, pompano, Giant manta
	Invertebrates	Examples: shrimp, blue crab, Caribbean spiny lobster
	Reptiles	Sea turtles: Kemp's ride, green, loggerhead, hawksbill, leatherback
Water column (>10 m)	Marine Mammals	Cuvier's beaked whales, Sperm, sei, fin, blue, humpback and NA right whales
	Reptiles	Sea turtles: Kemp's ride, green, loggerhead, hawksbill, leatherback
	Fishes	Examples: Yellowfin tuna, Mahi mahi, Gulf sturgeon, Oceanic whitetip shark
	Invertebrates	Examples: squid, crabs, starfish, hydromedusa, hydrozoan, octopus
Benthos	Invertebrates	Deepsea corals, brittle stars, crabs, red shrimp, squat lobsters
		Chemosynthetic Communities Tubeworms, mussels, clams and other fauna
Designated habitats		Loggerhead Sea Turtle Critical Habitat
Socio-economic and cultural resources		
Archaeological sites		Earthen and shell mounds along the Mississippi Delta
Tourism		Beaches (Grand Isle, Elmer's Island, Port Fourchon); Sandy beaches in Alabama
Fisheries (commercial/artisanal)		Shallow and demersal commercial fisheries, recreational fisheries
Infrastructure #1 (ports)		Port of New Orleans, Port of Mobile, Port Fourchon
Infrastructure #2 (harbors, marinas)		Small harbors and marinas
Infrastructure #3 (seawater intakes)		Water intake for offshore platforms and nearshore facilities

Net Environmental Benefit Analysis Matrix

- For each resource, use Risk-Ranking Matrix to determine the **Level of Concern** based on impact and length of recovery
- Evaluations for base case and each response option; selection of response option(s) with the most mitigation impact

Classification Matrix			RECOVERY			
			LONG	INTERMEDIATE	SHORT	VERY SHORT
			> 7 years (1)	3 to 7 years (2)	1 to 3 years (3)	< 1 year (4)
IMPACT	Dysfunctional (A)		1A	2A	3A	4A
	Significant impairment (B)		1B	2B	3B	4B
	Deterioration (C)		1C	2C	3C	4C
	Unlikely to have an adverse effect (D)		1D	2D	3D	4D



- Non-adverse effect
- Limited level of concern
- Moderate level of concern
- High level of concern
- Not applicable

Relative Risk Matrix

- Marshes and designated habitats would experience the greatest impacts with little mitigation regardless of response technique used
- SSDI provides the best mitigation impact/benefit when compared to natural attenuation
- SSDI is efficient given its direct application at the source
- Surface dispersant application provides overall benefit in reducing surface oiling, but not substantially

Compartment	Response techniques						
	Natural Attenuation	Mechanical Recovery	<i>In situ</i> Burning	Surface Dispersant Application	Subsea Dispersant Application	Shoreline Clean-up	Shoreline Protection
Coastal areas (supra and intertidal)							
Marsh ecosystems and shallow unexposed areas (including mudflats)	1B	1B	1B	1B	1C	1A	1B
Sandy beaches (supra mareal and intermareal)	2B	2B	2B	2B	2C	3B	2B
Designated habitats and other important areas	1A	1A	1A	1A	2A	1A	1A
Coastal/nearshore subtidal							
Surface water (<10 m deep)	2B	2B	2B	2B	2C	N/A	N/A
Water column (>10 m deep)	2C	2C	2C	2C	3C	N/A	N/A
Benthos	2C	2C	2C	2C	3C	N/A	N/A
Benthic habitat	3C	3C	3C	3C	3D	N/A	N/A
Designated habitats and other important areas	2B	2B	2B	2B	2C	2B	2B
Open Sea							
Surface water (<10 m deep)	1B	1B	1B	1C	2C	N/A	N/A
Water column (>10 m deep)	4D	4D	4D	4D	3D	N/A	N/A
Benthos	3D	3D	3D	3D	3C	N/A	N/A
Designated habitats	4C	4C	4C	4C	4D	N/A	N/A
Socio-economic and cultural resources							
Archaeological sites	3A	3A	3A	3B	3C	N/A	3A
Tourism	3A	3A	3A	3B	3C	3B	3A
Fisheries (commercial/artisanal)	3A	3A	3A	3A	4B	N/A	N/A

SIMA Ranking Process

- Consider “Potential Relative Impact” on each compartment relative to the Unmitigated case

Compartment	Natural Attenuation	
	Assessment	Potential Relative Impact (A)
Air	None / insignificant	1
Coastal areas (supra and intertidal)		
Marsh ecosystems and shallow unexposed areas (including mudflats)	High	4
Sandy beaches (supra mareal and intermareal)	Medium	3

Relative impact	No.
None / insignificant	1
Low	2
Medium	3
High	4

- “Impact Modification Factor” indicates the degree of Unmitigated impacts altered by using the response method

- + if method **mitigates** the impact
- if the method **worsens** the impact

IMPACT MODIFICATION FACTOR	DESCRIPTION
+3	Major mitigation of impact
+2	Moderate mitigation of impact
+1	Minor mitigation of impact
0	No or insignificant alteration of impact
-1	Minor additional impact
-2	Moderate additional impact
-3	Major additional impact

- If a response method worsens impacts, it will only be used if this impact is more than outweighed by the mitigation of impacts on other resources

SIMA: Balance Trade-Offs

Response Techniques	Impact Mitigation Factors (B) / Relative Impact Mitigation Score (A*B)													
Compartment	Natural Attenuation		Mechanical Recovery		<i>In situ</i> Burning		Chemical Dispersants - Surface		Chemical Dispersants- SSDI		Shoreline Clean-up		Shoreline Protection	
	Assessment	Potential Relative Impact (A)	B1	A x B1	B2	A x B2	B3	A x B3	B4	A x B4	B5	A x B5	B6	A x B6
Air	None / Insignificant	1	0	0	0	0	0	0	1	1	0	0	0	0
Coastal Areas (supra and intertidal)														
Marsh ecosystems and shallow unexposed areas (including mudflats)	High	4	0	0	0	0	0	0	3	12	-3	-12	-2	-8
Sandy beaches (supra mareal and intermareal)	Medium	3	0	0	0	0	0	0	2	6	3	9	1	3
Average				0		0		0		9		-2		-3
Coastal / Nearshore subtidal														
Surface water (<10 m deep)	Medium	3	0	0	0	0	0	0	2	6		0		0
Water column (>10 m deep)	Low	2	0	0	0	0	0	0	1	2		0		0
Benthos/Benthic habitat	Medium	3	0	0	0	0	0	0	2	6		0		0
Average				0		0		0		5		0		0
Open Sea														
Surface water (<10 m deep)	Medium	3	1	3	1	3	0	0	2	6		0		0
Water column (>10 m deep)	Low	2	0	0	0	0	0	0	-1	-2		0		0
Benthos	Medium	3	0	0	0	0	0	0	0	0		0		0
Average				1		1		0		1		0		0

SIMA: Balance Trade-Offs

Response Techniques	Impact Mitigation Factors (B) / Relative Impact Mitigation Score (A*B)													
Compartment	Natural Attenuation		Mechanical Recovery		In situ Burning		Chemical Dispersants - Surface		Chemical Dispersants- SSDI		Shoreline Clean-up		Shoreline Protection	
	Assessment	Potential Relative Impact (A)	B1	A x B1	B2	A x B2	B3	A x B3	B4	A x B4	B5	A x B5	B6	A x B6
High Value Resource														
Nesting beaches/Important Bird Areas (coastal)	High	4	0	0	0	0	0	0	2	8		0		0
EFH/seaturtle migratory corridor (coastal/nearshore)	Medium	3	0	0	0	0	1	3	2	6		0		0
Loggerhead Sea Turtle Critical Habitat (open sea)	Medium	3	0	0	0	0	1	3	3	9		0		0
Socio-economic and Cultural Resources														
Archaeological sites	Medium	3	0	0	0	0	0	0	2	6		0	1	3
Tourism (negative perception; resource use)	High	4	0	0	0	0	0	0	0	0	0	0	0	0
Fisheries (commercial/artisanal; negative perception)	High	4	0	0	0	0	-1	-4	-1	-4	0	0	0	0
Infrastructure #1 (ports)	High	4	0	0	0	0	0	0	2	8	2	8	1	4
Infrastructure #2 (harbors, marinas)	High	4	0	0	0	0	0	0	2	8	2	8	2	8
Infrastructure #3 (seawater intakes)	High	4	0	0	0	0	0	0	0	0		0	1	4
Average				0		0		-1		3		3		3

Total Impact Mitigation Score:

1

1

5

42

1

0

Response Technique Ranking:

3

3

2

1

3

3

Conclusions

NEBA/CERA:

- Principles can be used in different ways in both planning and response stages
- Risk Matrix analysis converts quantitative values into qualitative results
- Typically covers only ecological considerations

SIMA:

- Converts best professional judgement and qualitative values into quantitative results, but care should be taken when interpreting numerical results
- Breakdown and averaging of resource compartments can affect the results
- Incorporates cultural and socio-economic considerations, although potentially insufficiently.

NEBA/SIMA:

- Require key stakeholder participation and relies on technical expertise (SIMA in particular)
- Documentation of all the key input data and assumptions is important
- Both methods are likely to result in similar conclusions when relying on the same input data
- The use of dispersants, particularly SSDI, is a valuable technique for offshore spill response

Questions?

Responder Mental Health Survey

2024 IOSC project

- Demographics
- Response history
- Response stressors
- Post-deployment challenges
- Available vs desired support resources



EPA Case Study - Crescent Midstream - Raceland, LA

Julie Sejour, USEPA

Welcome to Lafourche Parish

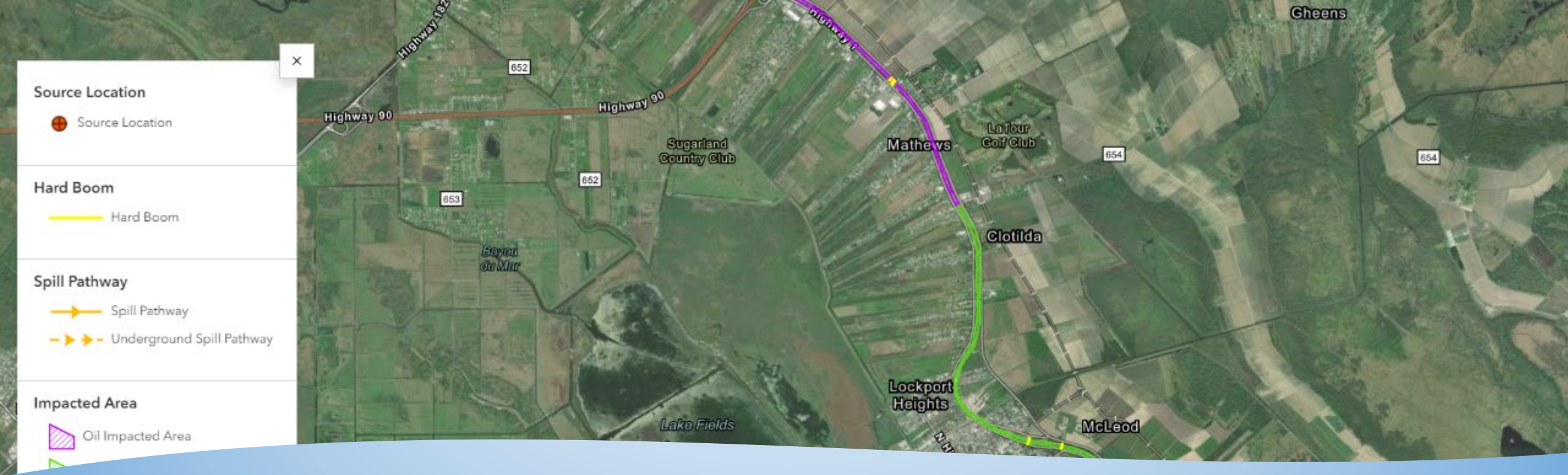


Crescent Midstream Oil Spill

Emergency Response

Julie Sejour, EPA R6 OSC
Fall 2024 RRT- 6 Meeting





Site Location

- 4037 Highway 308 Raceland, LA 70394
 - (Latitude 29.726634472499494 North and Longitude 90.59262074616186 West)
- Site is operated by Crescent Midstream Crude Oil
- Raceland is an unincorporated community and census-designated place on Bayou Lafourche in Lafourche Parish
- Archie P. Chaisson, Parish President

Incident Overview

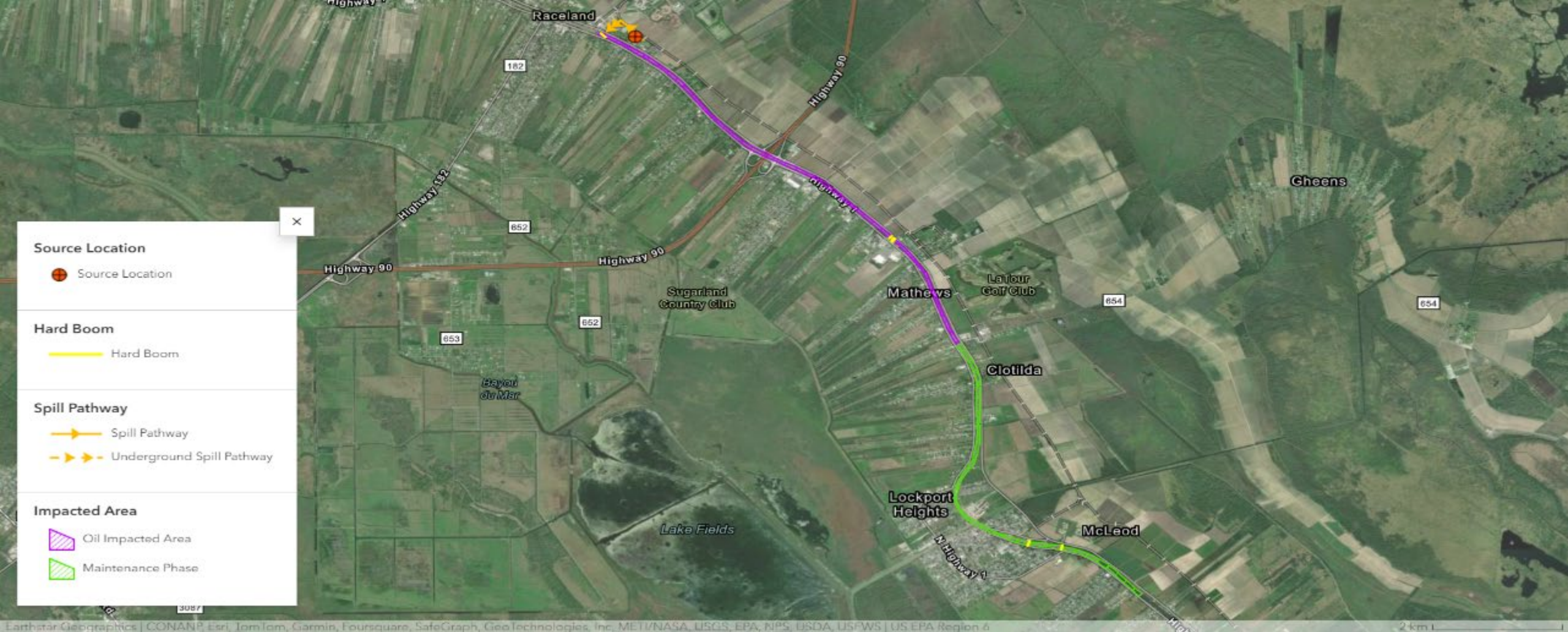
- The facility is a support station for the Responsible Party's (RP) pipeline which transfers oil from offshore platforms to inshore refineries.
- The facility has a 100,000 barrels (bbls) Aboveground Storage Tank (AST) which is designated to accept surge flow from the pipeline and store it until the pipeline has the capacity to transport.
- Sometime between 5:00 PM on Friday, July 26, 2024, and 8:00 AM on Saturday, July 27, 2024, a surge of crude oil within the pipeline caused a surge relief valve to open at the Crescent Midstream facility in Raceland and direct the oil into the frac tanks.



Incident Overview

- The oil filled the frac tanks and spilled from the top of the tanks into secondary containment; however, the stormwater discharge valve was in the open position, allowing oil to flow out of the secondary containment and into the drainage system.
- On August 12, 2023, unified command approved placing Divisions A, B, C, and D into maintenance status. Maintenance status is when all mechanically recoverable oil has been removed from the water and the use of skimmers and vacuum trucks is no longer an effective cleanup strategy. Minor cleanup actions continued using sorbent materials.

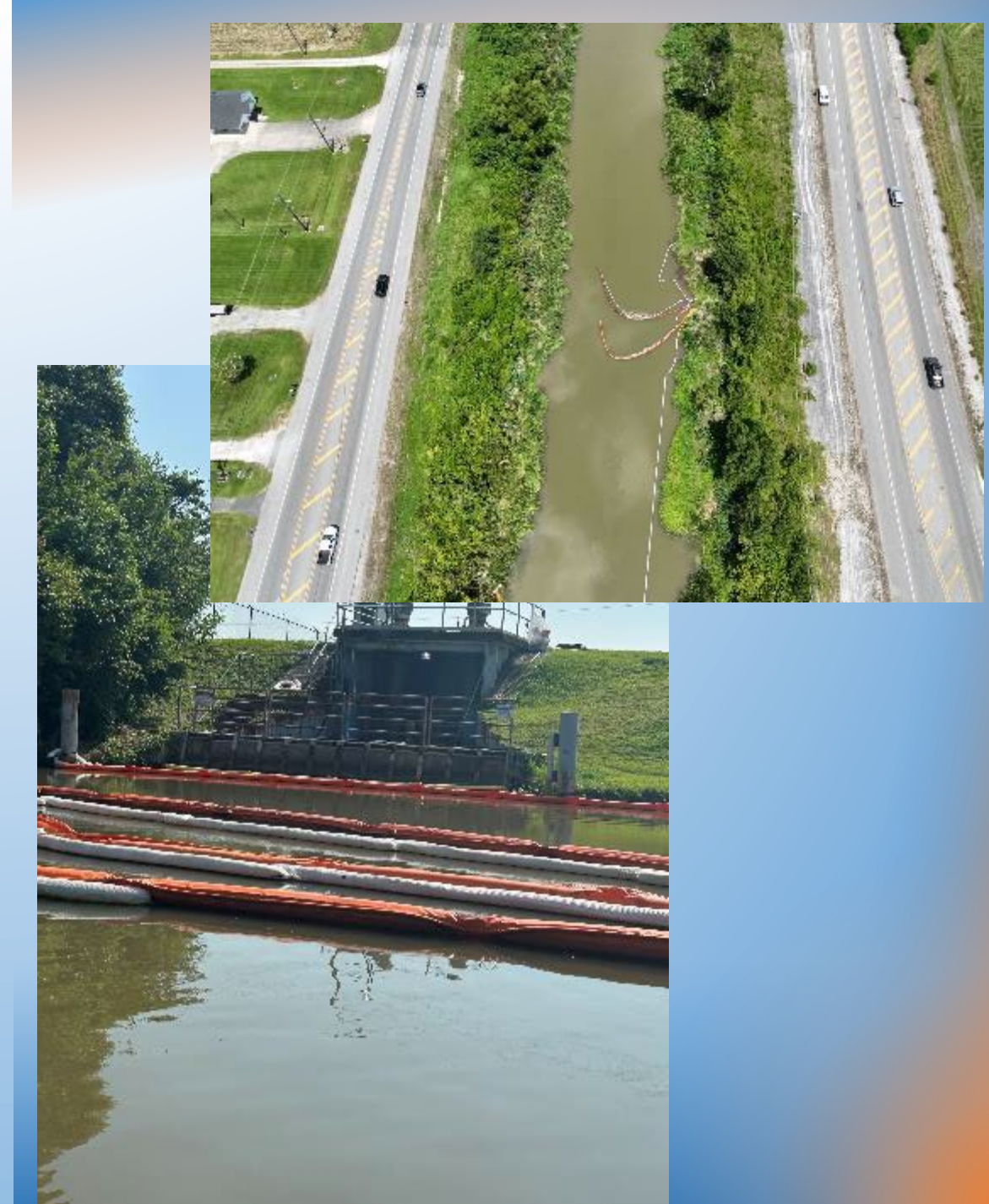




- Crude Oil flowed out of the facility in a westerly direction along an east/west ditch.
- Flow from the ditch entered an underground storm sewer at the corner of Washington Street and Canal Street and flows beneath the ground parallel to Canal Street.
- The storm sewer travels beneath LA Hwy 308 and discharges runoff into Bayou Lafourche (Waters of the US).
- Bayou Lafourche is a 106-mile waterway that stretches from Donaldsonville to the Gulf of Mexico
- Approximately 9 miles of bayou at 80 feet in width, has been impacted by the spill.

Operations

- On June 27, 2024, a private citizen reported the oil spill to the Louisiana State Police (LSP).
- The LSP contacted the RP, which alerted them of a discharge from their facility.
- The RP investigated and determined that alarms did go off at their headquarters control board in Houston, TX, but proper company protocol was not followed, and the support station was not alerted of the overflow.
- As of July 30, 2024, the RP estimated that 6,800ft of boom had been deployed in Bayou Lafourche.
- At approximately 8:08 AM a Critical Information Requirement (CIR) was received from the Bayou Lafourche Freshwater District involving the Lafourche Water District Station No. 1 claiming an oily sheen was near the water intake again.
- START, EPA, and LOSCO representatives visited the intake to investigate. No oil or oily sheen could be observed anywhere near the intake or the boom surrounding it, and the intake was opened again soon after.
- The team continued to observe OSRO crews deploy boom, continue skimming operations, and utilize low pressure water to wash oil off of vegetation.
- The two southernmost deployments of hard boom within Bayou Lafourche, located approximately 1 mile south of the Company Canal junction, will remained in place to keep any oil or sheen from migrating further south.



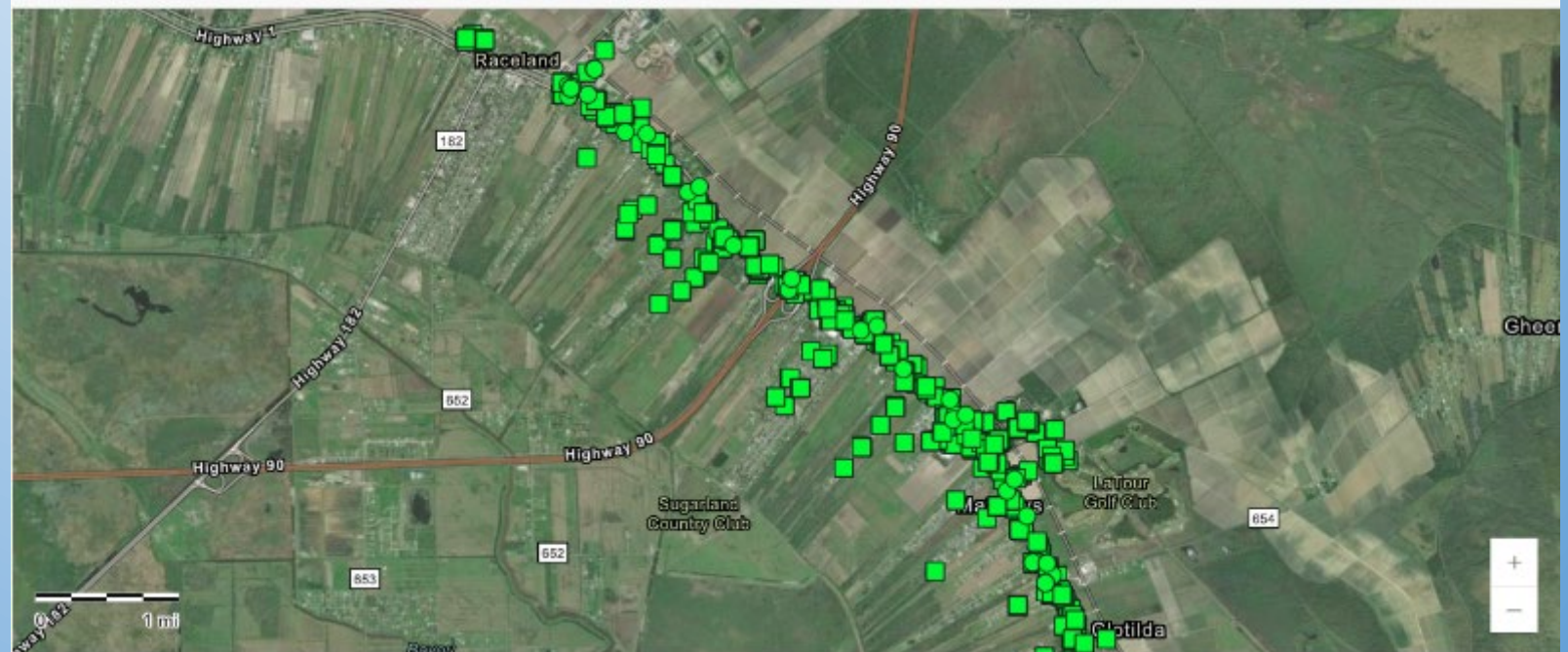
ER Air Monitoring

- July 30, 2024, the EPA Team began air monitoring and documentation of operations along the banks of the bayou.
- Air monitoring was focused along the residential areas adjacent to the bayou and compared the results to an action level of 0.5 part per million (ppm) for benzene and 1 ppm for Volatile Organic Carbons (VOC).
- The EPA team used an X-PID detector which has the capabilities to identify and quantify specific VOC compounds, including benzene.
- Only one detection was above the VOC action level was recorded at the storm sewer discharge point into the bayou. The RP's OSRO placed hazard tape around the area to prevent the public from entering the zone.
- RP contractors also conducted air monitoring.

notes:
BDL - Below Detection Limit
ppm - parts per million
VOC - Volatile Organic Compounds
VOC Detection Range - 0.1 - 5,000 ppm
Benzene Detection Range - 0.02 - 25 ppm

EPA Roving Air Monitoring Location
Results
● VOC < 1 ppm or Benzene < 0.5 ppm
● VOC ≥ 1 ppm or Benzene ≥ 0.5 ppm

CTEH Roving Air Monitoring Location
Results
■ VOC < 1 ppm or Benzene < 0.5 ppm
■ VOC ≥ 1 ppm or Benzene ≥ 0.5 ppm



Final Statement to the public

STATEMENT FROM UNIFIED COMMAND
Updated 8:00 PM CDT; August 16, 2024

Today, all areas of Bayou Lafourche affected by the July 27 oil spill have transitioned from active oil recovery work to the maintenance phase of cleanup. This reflects results of a close inspection of the bayou by the Unified Command and the fact that no recoverable oil has been identified for one week. The maintenance phase intends to use the bayou's natural flow and rainfall to wash residual oil into absorbent boom. The public will continue to see workers on the water maintaining boom in Bayou Lafourche, and replacing as needed, until the bayou is deemed clean by the Unified Command. This maintenance phase is a vital part of the complete cleanup process because it balances the need to capture small amounts of residual oil with the recovery needs of the natural environment.

The Affected Residents Hotline remains in place for those impacted by the oil spill. The hotline is available Monday through Friday from 7:00 a.m. to 4:00 p.m.

Two Mallard ducks continue to be in wildlife rehab care. They are doing well and are awaiting release soon. All other oiled animals treated at the rehab location have been successfully rehabilitated and released to their respective environments.

The Unified Command wishes to thank the hundreds of workers who braved extreme conditions during the active oil recovery in Bayou Lafourche. The swift, safe, and thorough cleanup of this oil spill would not have been possible without their tireless efforts.

Unless otherwise warranted, this will be the final public statement from the Unified Command. We remain vigilant and committed to the bayou as we transition to the maintenance phase of cleanup.



Unified Command:

- EPA Region 6
- LOSCO/ LDEQ
- Lafourche Parish President
- Responsible Party

Questions?



Final Thought:

On August 12, 2023, unified command approved placing Divisions A, B, C, and D into maintenance status. Maintenance status is when all mechanically recoverable oil has been removed from the water and the use of skimmers and vacuum trucks is no longer an effective cleanup strategy. Minor cleanup actions continued using sorbent materials.

Coordinated Approach

- LOSCO, LDEQ, Lafourche Parish President, LSP, and the RP (with Forefront) worked together to support the cleanup efforts to Bayou Lafourche in a timely manner.



USCG Case Study – Pelican Island Bridge Allision Incident

LT Tracy Ham, MSU Texas City

Pelican Island Bridge Allision

15 May 2024

<https://www.youtube.com/watch?v=PQqOt3V9SeA>





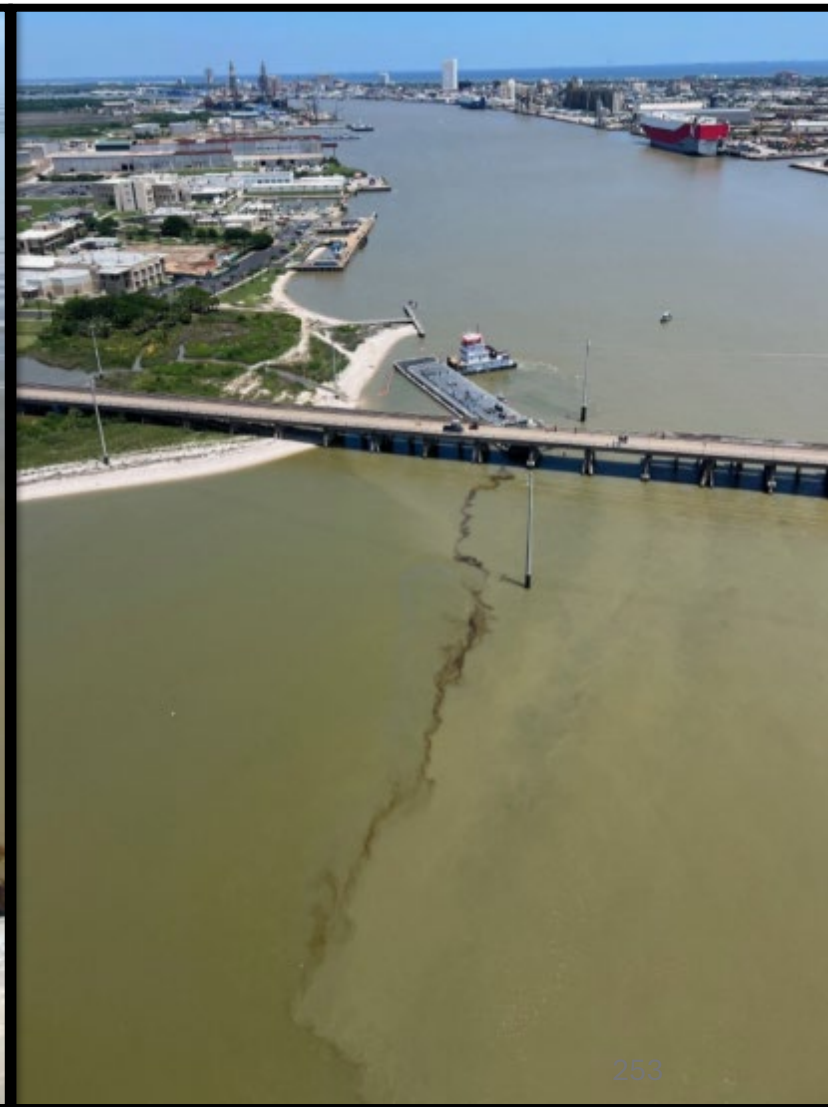
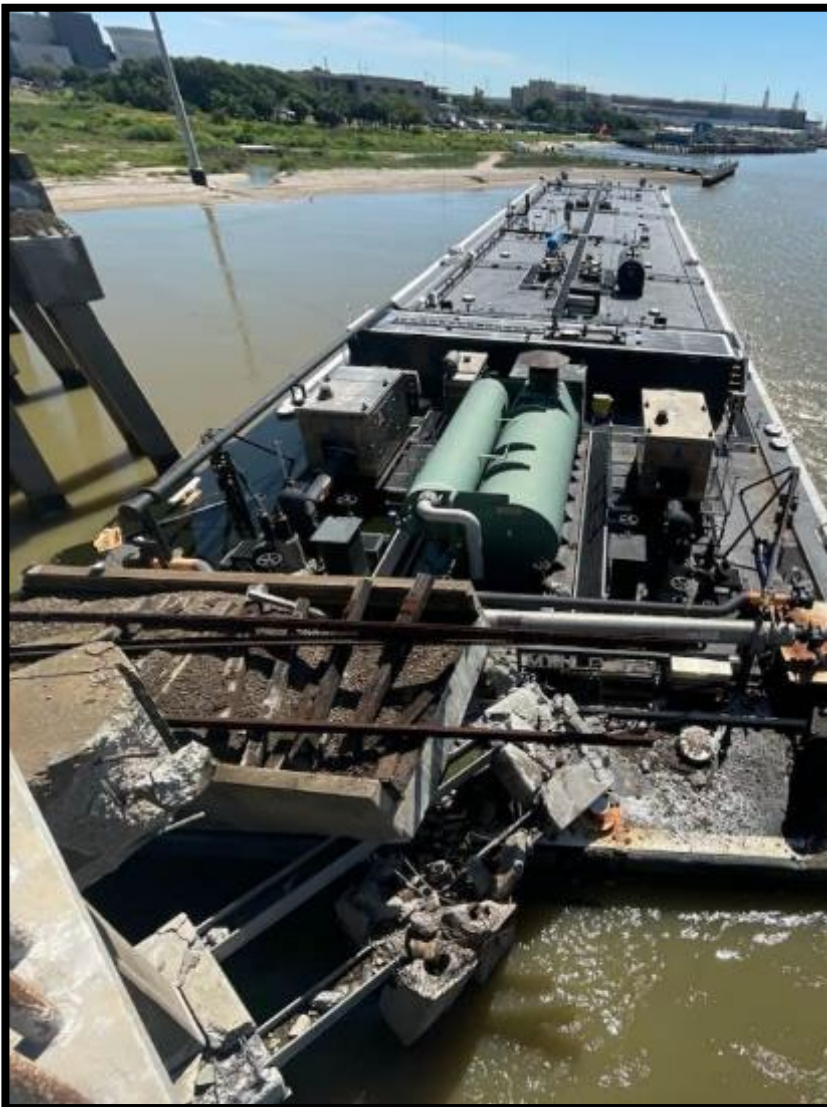
Situation – 15 May 2024



- At 0948 local time, the towing vessel LCPL PHILLIP C. GEORGE was pushing two oil barges, MMLP 322 and MMLP 321, outbound from Texas International Terminals in Galveston when there was a breakaway.
- The flotilla was attempting to transit Galveston Channel when it encountered currents strong enough to affect maneuverability, followed by the stern of the towing vessel striking a pier fendering system.
- Control of the MMLP 321 was lost after a heavily strained cable parted. While attempting to regain the MMLP 321, the MMLP 322 struck a cement power pole and also broke free. The power pole was shaken and live wires fell across the lead barge, MMLP 321. Power was cut off to Pelican Island.
- The MMLP 321 then completely broke free from the flotilla and continued with the currents towards the Pelican Island bridge, eventually making contact.
- The bridge sustained significant damages causing an approximate 300 feet span of the railway section of the bridge to fall onto the deck of the MMLP 321. Visible damage could also be seen to the structural piles holding up the bridge's roadway sections.
- MMLP 321 sustained enough damage to puncture a 160,000 gallon capacity cargo tank at the tank top. Release estimates have ranged from 9,000 gallons of vacuum gas oil to up to 20,000 gallons.
- The incident was classified as a “MAJOR MARINE CASUALTY” and response, salvage, and recovery operations were conducted under a Unified Command for 42 days.

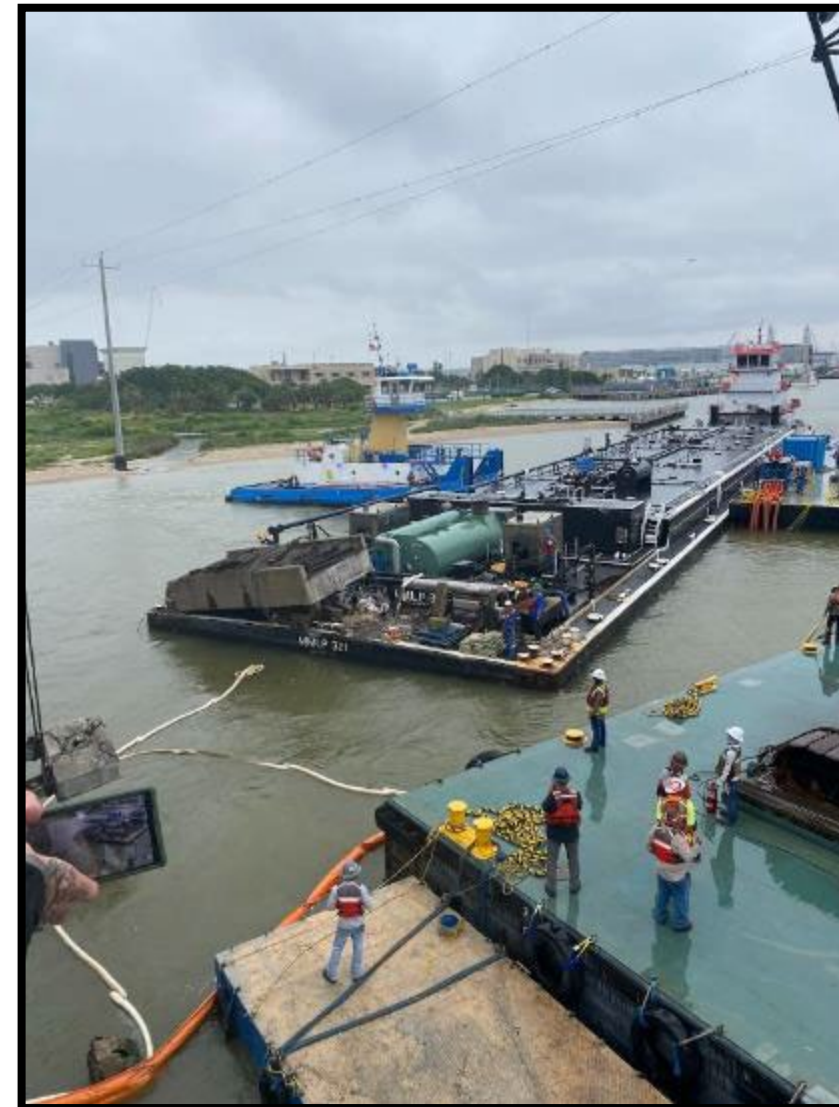


Situation





Situation





Initial Actions / Assessment



- Responsible Party → National Response Center / Sector Command Center
- Command Center → MSU Texas City Inspections, Investigations, Incident Mgmt
- Responsible Party → Response Plan Activated
- Duty Team Deploys → Inspections, Investigations, Pollution Responder, FOSCR
- Initial Waterway Actions → VTS Directives (No Vessel Movement) / MSIB Issued
- Crisis Incident Communications (CIC) Call → USCG District/Area/Headquarters
- USCG Air Station HOUSTON → Overflights and Aerial Imagery
- **Incident Command Post → Established in Galveston (eventually at TAMU/TEEX)**
- Texas DOT → Initial Assessments, Closure, Subsequent Weight Restrictions
- T&T Group → Marine Salvage and Emergency Response Services Activated
- The Response Group (TRG) / E3 OMI / CTEH all Contracted by RP / SSCs supported UC



Initial Actions / Assessment





Evolving Concerns



- Safety of Life at Sea / Impacts & Exposures to Local Population.
- People Trapped on Pelican Island (Basic Needs & Medical Concerns).
- Environmental Protection / Containment.
- Integrating Stakeholders (NOAA SSC, TGLO, TCEQ, TPWD, OEM, TXDOT).
- Wildlife Impacts.
- Vessel Movements & Impacts to Commerce.
- Spill Trajectories Shifting to Marsh Restoration Site.
- National, Regional, & Local Media Attention.



Evolving Concerns





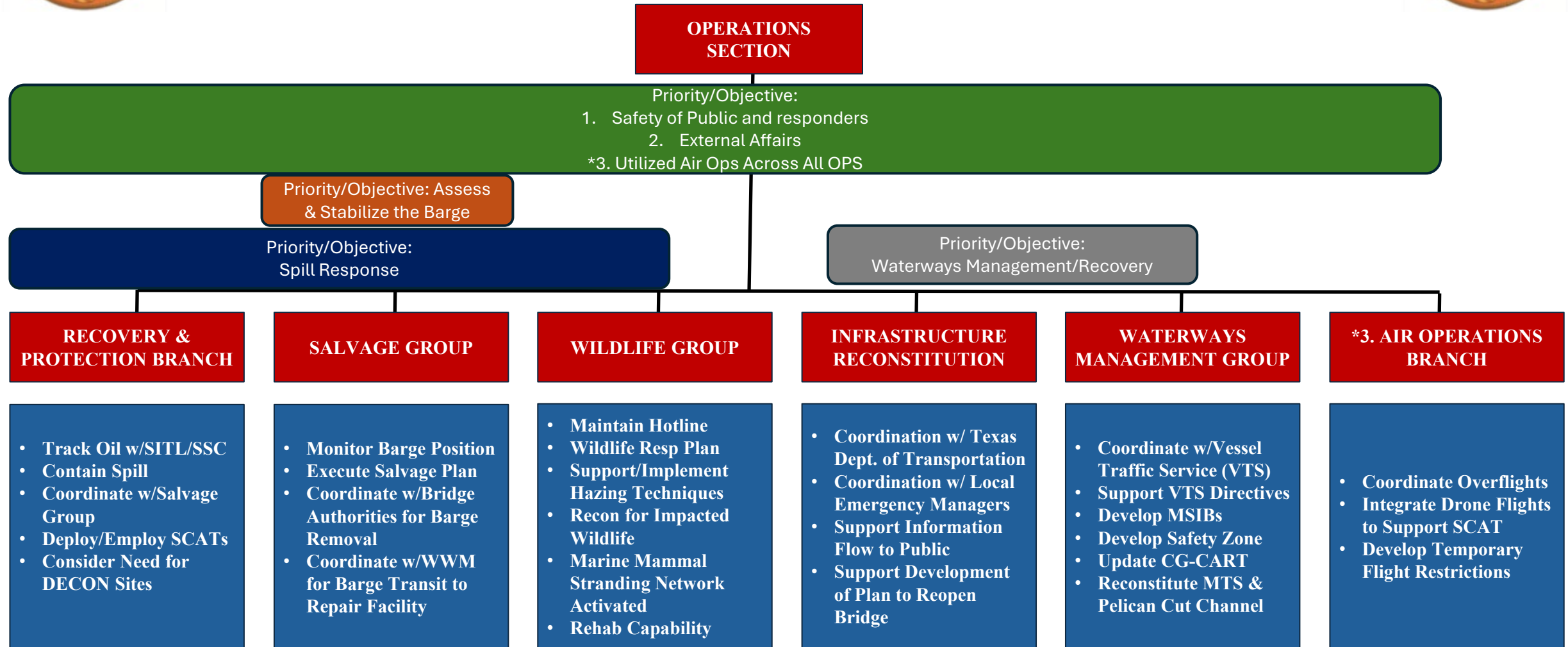
Unified Command Priorities



- Safety of the Public and Responders.
- Assess & Stabilize the Barge to Prevent further Damage, Secure/Minimize Source of the Spill, and Ensure Safe Salvage.
- Spill Response:
 - Respond to Pollutants Impacting the Waterway/Environment per Established Plans.
- Waterways Management/MTS Recovery:
 - Ensure safety on this critical portion of the MTS; work to reopen to traffic as operations/risk allows.
- External Affairs:
 - Manage political/media interest in this event.



Operations Section





Regional Response Team Consultation



- On 19 May, at request of FOSC, RRT-6 Co-Chair convened Incident-Specific call prior to application of loose sorbents to reduce contact exposure to wildlife.
- Goals:
 1. Seek technical expertise & recommendations, and
 2. Receive feedback or improvements to proposed course of action.
- Intent to leave peat moss (up to half inch) in place after application based on location of the oil and potential harm that would be caused to the area if efforts were made to remove it.
- RRT-6 agreed that UC's rationale was valid in this situation.
- RRT-6 Co-Chair advised that RRT-6 will be using this incident (and process) as the foundation for developing an RRT-6 loose sorbent policy.



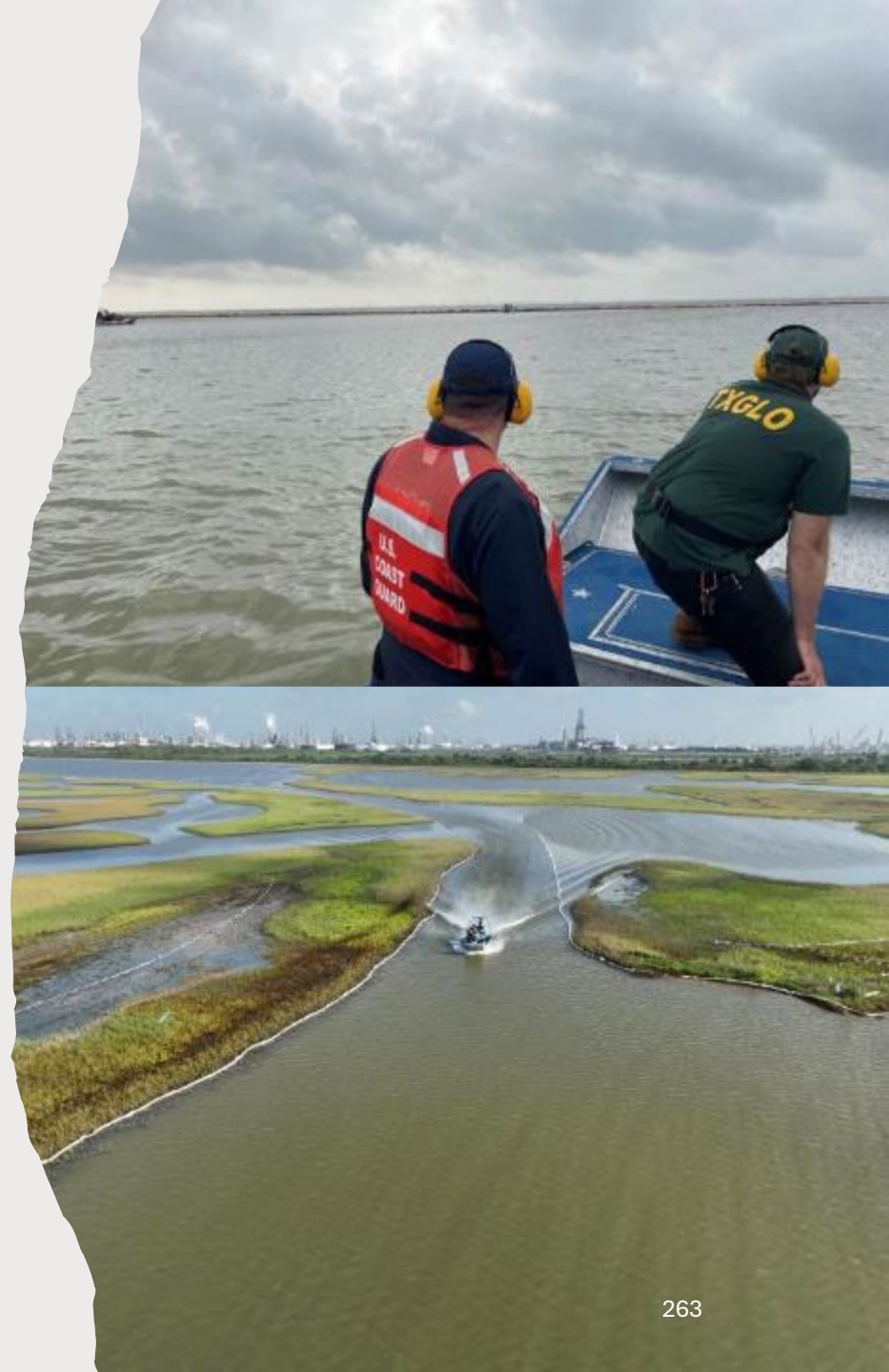
Regional Response Team Consultation





Key Takeaways

- **Unity of Effort:**
 - Greater than 250 Responders during Peak Staffing.
 - More than a dozen Federal/State Agencies between ICP & RRT-6 Consultation.
 - Government – Industry – Private Entities Integrated Well.
- **Tactics, Techniques, & Procedures:**
 - Rapid Scale-Up of Unified Command.
 - Everyone Worked Across Branches/Divisions/Groups to Support LOEs.
 - Overflight and Drone Footage were Key in Informing Response & Mitigation Strategies.
 - Final shoreline cleanup assessment technique (SCAT) team comprised of USCG, TGLO, RP, and Texas Parks and Wildlife Division evaluated the impacted area to determine the conclusion of the passive recovery/monitoring phase, effectively ending response to the incident.
 - NOAA OR&R working w/co-trustees to determine need for NRDA.
- **Logistics:**
 - TAMU/TEEX Facility Ideal Location for Coordinating Response.
 - TAMU/TEEX Facility Ideal Size Venue for UC.





Questions





20-Minute Break

USCG FOSC Briefs

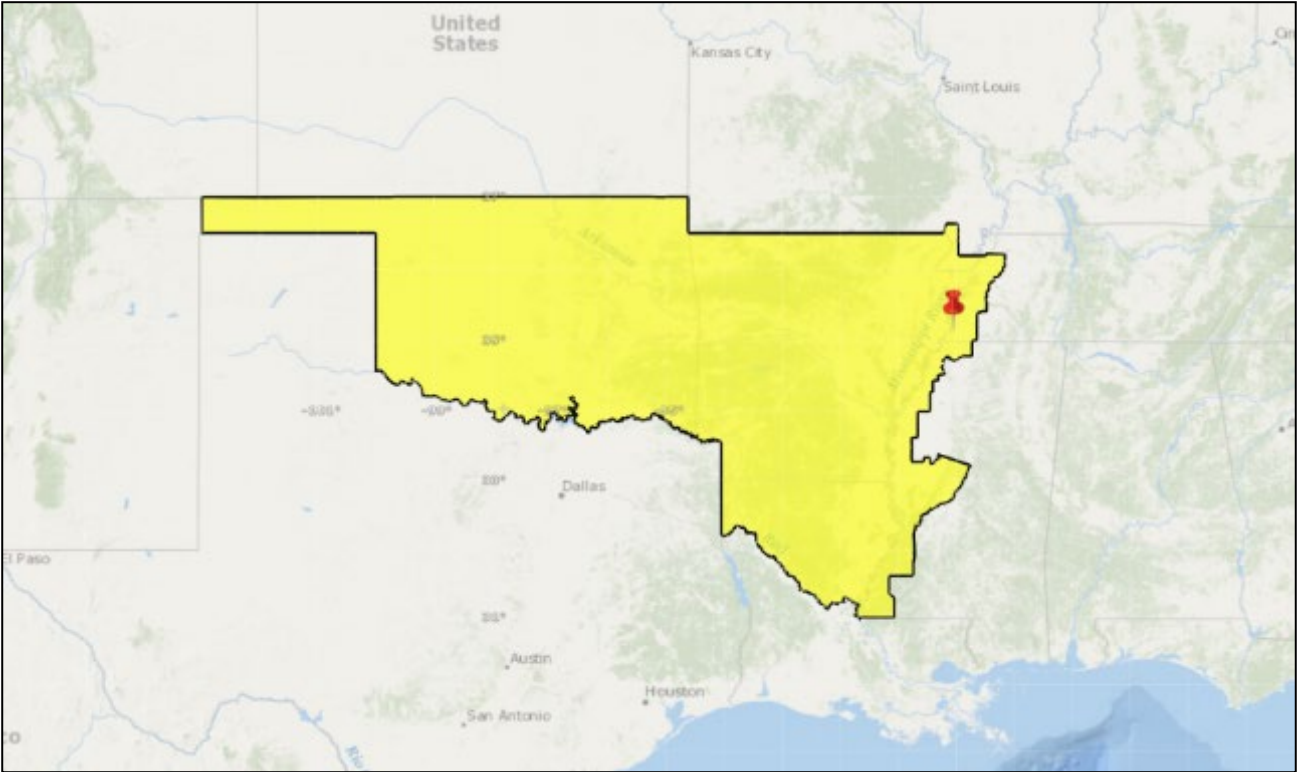
1. Sector Lower Mississippi River
2. Marine Safety Unit Port Arthur
3. Marine Safety Unit Houma
4. Sector Corpus Christi
5. Sector Houston-Galveston
6. Sector New Orleans

LT John Krueger
LT Hannah Cannon
LTJG Carla
Shepherd
LT Marshall Grant
CWO2 Michael
Walker
LTJG John Haksteen



Sector Lower Mississippi River

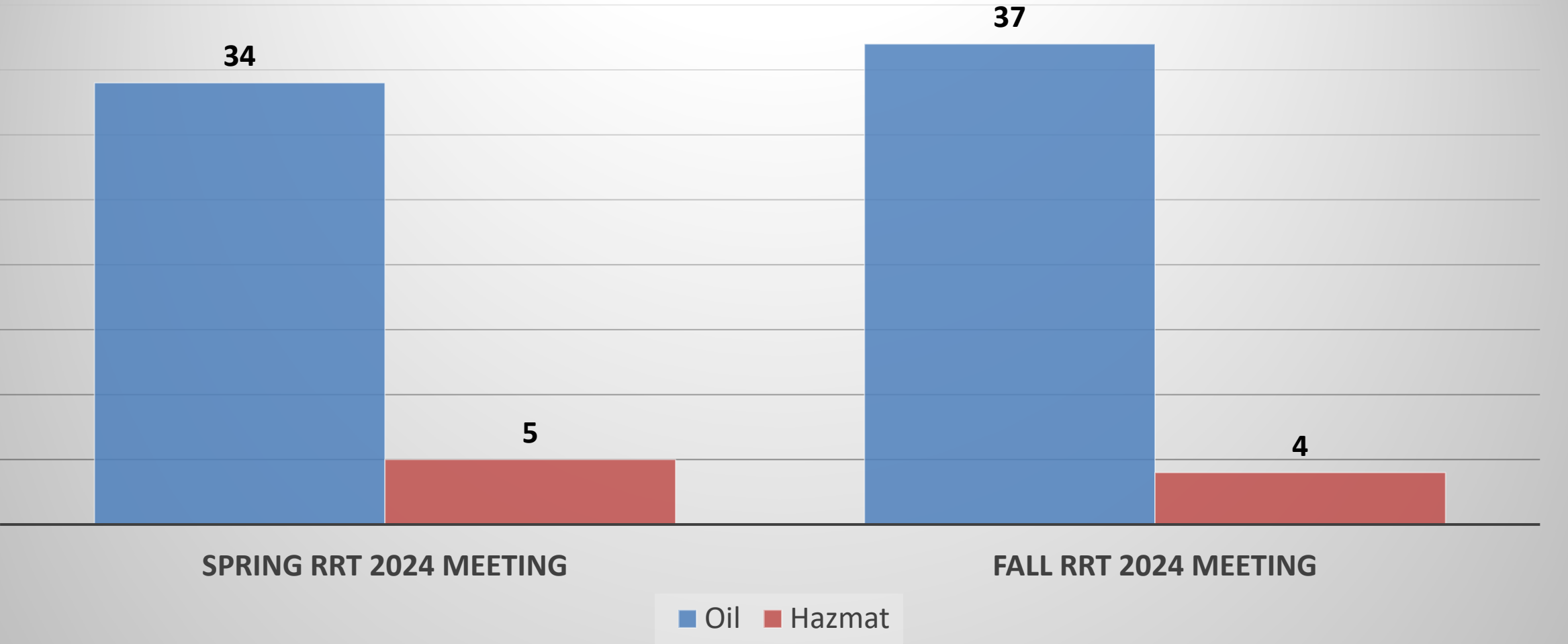
Captain Kristi Bernstein
Sector Commander



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
41	0	0	0



NRC Notifications





Consultations

Unit	Incident Name	Start Date	Stop Date	With	Phase	For	Response Actions	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	General Cost	Land Cost	Total Cost
Sector Lower Mississippi River, TN	M/V Lou Drapper	6/22/2024	6/28/2024	State Historic Preservation Office (SHPO) & DOI/USFWS	Response	Emergency Consultation	Salvage Ops	Multiple	ESA	Threatened	No	\$3,465	\$0	\$3,465



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
River SCAT Training (Nashville, TN)	28-31 May 2024	International Oil Spill Conference (IOSC)	13-16 May 2024	RRT-4 Meeting	29-30 May 2024
FOSCR College (Sector Houston-Galveston)	15-19 Jul 2024	GIUE Q3	May 2024	RRT-7 Meeting	21-22 Sep 2024
Hazardous Material Incident Response	Summer 2024	GIUE Q4	Aug 2024		
		CN Railway TTX	24 OCT 2024		
		UAS MER/Pollution RESP Exercise	7 Nov 2024		



Outlook

Until Next RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
Federal On Scene Coordinator Representative School	02-13 Dec 2024	GIUE Q1	Tentative Nov 2024	Clean Gulf Conference	18-20 Nov 2024
AUX PR College	Winter 2025	GIUE Q2	Early 2025	Heart Land Blues ICS Exercise	Winter/Spring 2025



MSU Port Arthur

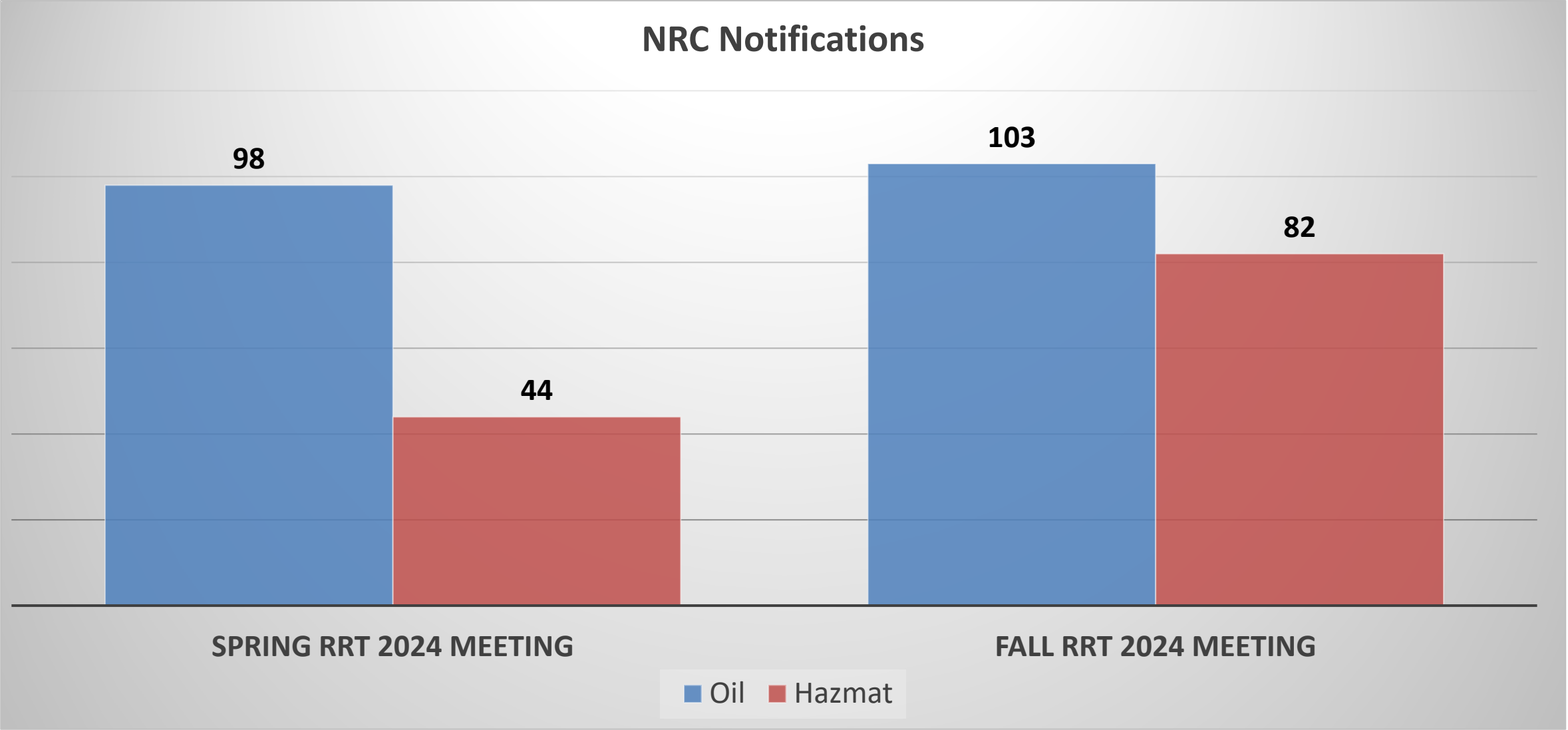
Captain Anthony Migliorini
Commanding Officer



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
185	0	3	0



NRC Notifications





Arena Offshore

- Mystery silver sheen 3 mi and 20ft wide.
- Active pipeline near the sheen in block EC-328.
- Arena Offshore throughout the investigation conducted pressure tests in response to the report of the sheen, but they did not confirm any signs of leakage.
- Arena deployed their own ROV to survey a downed platform in the area as the potential pollution source.
- Federal funds were used to contract a survey sonar ship from USES to determine the potential pollution source along the pipeline
- The sonar ship successfully located a leakage in the pipeline, which was verified by Arena when decreased pressure in their line and the present sheen dissipated





Consultations

Unit	Incident Name	Start Date	Stop Date	With	Phase	For	Response Actions	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	General Cost	Land Cost	Total Cost
None														



Hurricane Preparedness

Pre-Storm



- How does the Agency maintain situation awareness PRE-landfall?
 - Attending of NWS Briefings
 - Attending ACOE Calls and Briefings
 - Monitoring of the NHC Website for updates
- Provide Agency stakeholder outreach activities
 - MSIBs
 - Port Coordination Team Calls
 - Conducted Pre-Storm Assessments at Facilities
 - Liaison Officers made phone contacts with local EOCs to determine activation and if an Agency Rep would be needed
- Public Affairs activities
 - Liaison Officer and Public Affairs Officer worked with the local EOC PAO to align information publishing on unit PAO collateral-run Facebook page.





Hurricane Preparedness

Post Landfall



- How does the Agency maintain situation awareness POST-landfall?
 - NWS Calls/Briefings
 - ACOE Briefings
 - Port Coordination Team Briefings
 - Conduct Post Storm assessments on Water, Land and by Air.
- Provide Agency stakeholder activities
 - Port Coordination Team Calls
 - AREPS where established at activated EOCs for coordination
- Information Flow Activities
 - Use of Port Coordination Team Calls
 - Coordination calls between MSU PA, MSU LC and Sector HG.
 - IAPs where drafted utilizing Microsoft Teams
- Public affairs outreach was primarily done through social media posts and had plans in place for coordination with Sector HG PADET if needed.





Hurricane Preparedness

Post Season

- **Lessons learned from the past year's activities (e.g., funding, staffing):** Even though Microsoft Teams has many uses within the IMT structure and IAP development there is still gaps that need to be explored. There is still a need for a better COP display to be used that will allow for situational awareness of overall Port Status.
- **Improvements in preparedness in the past year (e.g., new reporting system, improved contacts with facilities of concern):** Made significant updates and edits to our HURCON checklists, developed IAPs for Pre-storm and Post Storm activities reduced the amount of time needed in preparations.
- **Ongoing and/or new concerns (e.g., environmental justice, air monitoring, health and safety):** Rapid intensification of storms has made planning more challenging
- **Things that went well this year (e.g., coordination between agencies, outreach):** Fully setup MSU Port Arthur Training room as a fully functioning ICP that was used as a COOP site for MSU Lake Charles
- **Areas for improvement (e.g., communication between field units):** Better coordination between Sector HG and MSU PA for coordination of ATON unit



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
Federal On Scene Coordinator Representative (FOSCR) School	04-15 Mar 2024	Exxon WCD Exercise	04 Sep 2024	LA Statewide Area Committee Executive Steering Group (LA SACESG)	11 Jun 2024 08 Oct 2024
National Emergency Management Advanced Academy (NEMAA) E0453	22-26 Apr 2024	Paline Pipeline Exercise	10-11 Sep 2024	TX Area Committee Executive Steering Group (TACESG)	05 Sep 2024
FOSCR College	15-19 Jul 2024	Facility Inspector College	16-20 Sep 2024		
NEMAA EO454	12-16 Aug 2024	TGLO Tabletop Exercise	25 Sep 2024		
		Valero WCD Exercise ICP/Boom Deployment	02-03 Oct 2024		
		Delek Logistics Paline Pipeline	06 Nov 2024		



Outlook

Until Next RRT meeting

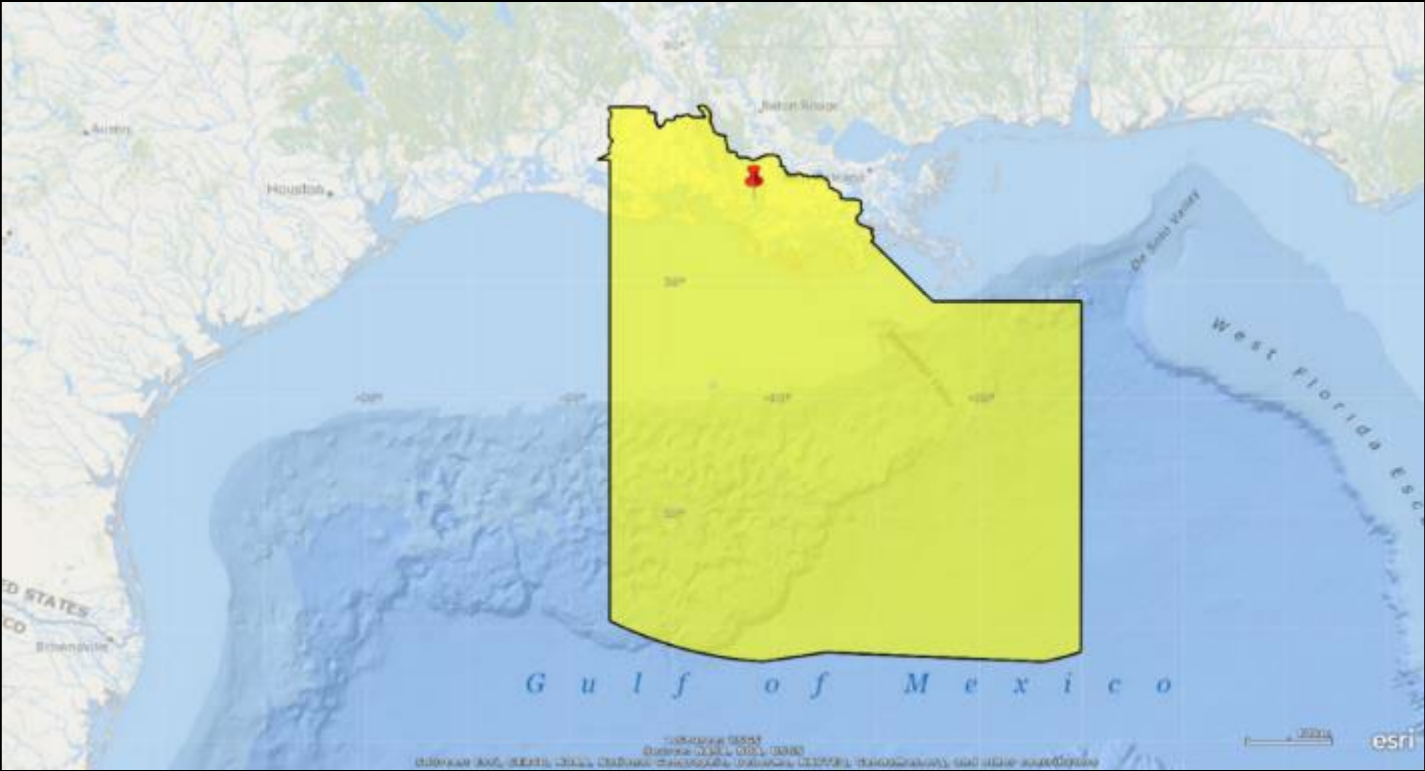
Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
ICS-339 (DIVS/Group Supervisor)	04-06 Nov 2024			Clean Gulf Conference	18-20 Nov 2024
FOSCR School	02-13 Dec 2024			SETX & SWLA Area Committee Meeting	TBD
Hazardous Material Incident Response	27-31 Jan 2025			LA Statewide Area Committee Executive Steering Group (LA SACESG)	TBD
Oil Spill Control School	24-28 Feb 2025			TX Area Committee Executive Steering Group (TACESG)	TBD



MSU Houma

Captain Jason Franz

MSU Commanding Officer



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
534	3	3	0

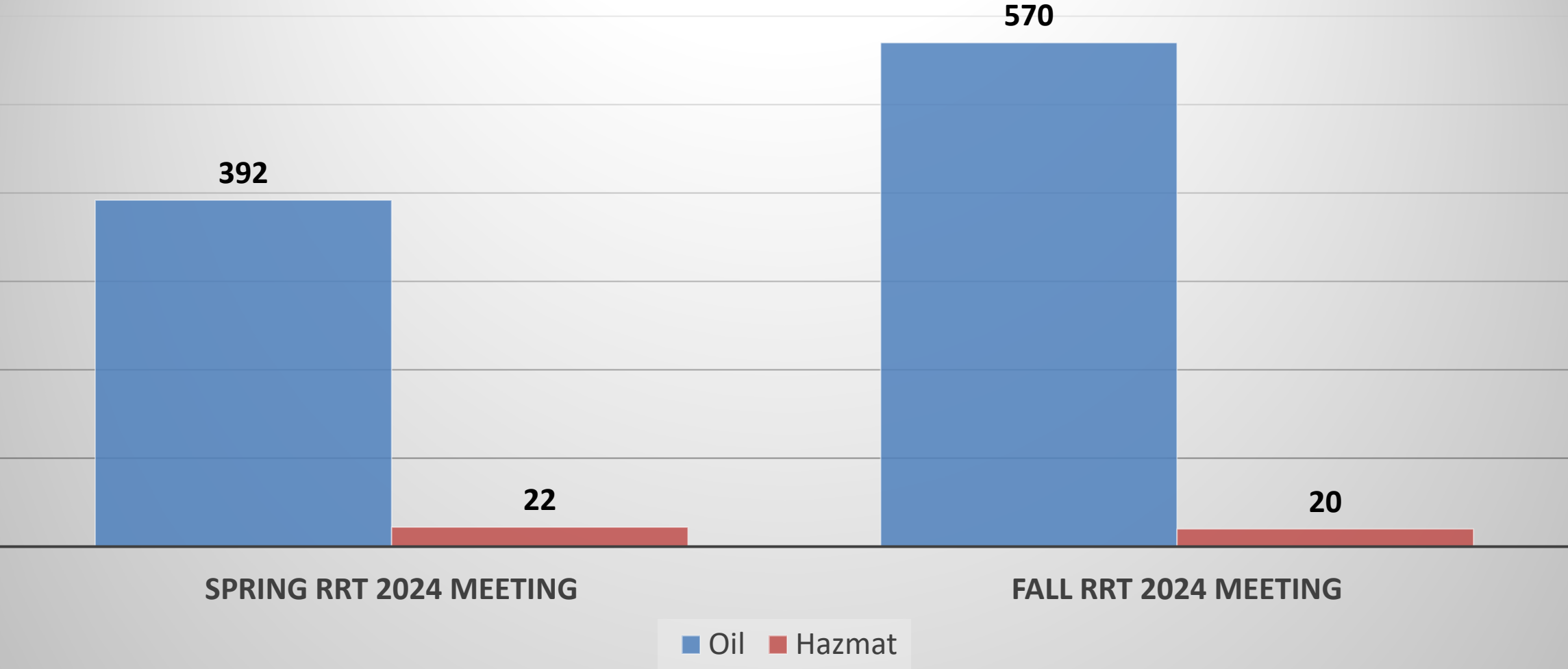


Executive Summary

Challenges-	Offshore component vs. ability to respond. IMD workload vs. amount of IMD billets on the PAL.
Lessons Learned-	Get eyes on scene ASAP to determine level of response more accurately. Refresher training to prepare for unique cases.
Best Practices-	Encouraged integration of RRT, DRAT, and Environmental Expert Mr. Brian Black in cases that are outside of the norm.



NRC Notifications





RRT Activation / Notification

Date (xx/xx/xxxx):	10 MARCH 2024	Activation	X	Notification	
Incident Name:	Lake Hatch Well B-42				
Location:	29°31.617'N, 090°51.333'W along mile marker 69 of the ICW.				
Responsible Party:	Whitney Gas & Oil				
Type and amount of product spilled:	60+ barrels of crude oil				
Issue / Concern:	Upon discovery of the sheen, the flowlines connected to the facility and Well B-42 were immediately secured. At approximately 1515, Whitney Oil & Gas, LLC. personnel investigated the source of the sheen by pressure testing the lines and determined it to be from a test flowline connected to Well B-42.				
Agencies Involved:	USCG, LOSCO, LDEQ, LDNR, NOAA, Terrebonne Parish, US Fish and Wildlife, LDWF, SHPO.				
Decisions Made:	Manual recovery would have required invasive techniques such as oil vegetation cutting, bagging, transportation, and disposal, and Utilizing airboats, shallow-water crafts, and other small boats. The In-Situ Burn (ISB) was proposed to LOSCO, the Louisiana Department of Wildlife and Fisheries (LDWF), and the Louisiana Department of Environmental Quality (LDEQ) as an option for remediation.				





RRT Activation / Notification

Date (XX/XX/XXXX):	20 JUNE 2024	Activation	X	Notification	
Incident Name:	Delta Farms				
Location:	29° 38. 34'N 090° 10. 59'W Bayou Perot Delta Farms facility.				
Responsible Party:	Texas Petroleum Investment Company				
Type and amount of product spilled:	40 barrels of crude oil				
Issue / Concern:	ES&H, contracted OSRO, was on-scene to boom and mitigate the discharge. Texas Petroleum Investment Company shut the bulk line in and flushed the line.				
Agencies Involved:	USCG, LOSCO, LDWF, LDEQ, USCG D8, and the GST.				
Decisions Made:	Manual recovery would have required invasive techniques such as oil vegetation cutting, bagging, transportation, and disposal, and utilizing airboats, shallow-water crafts, and other small boats. Consideration was made for air monitoring due to smoke inhalation hazard for the public.				





Consultations

Unit	Incident Name	Start Date	Stop Date	With	Phase	For	Response Actions	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	General Cost	Land Cost	Total Cost
MSU Houma	Delta Farms	06/18/2024	07/16/2024	NOAA DOI USFWS	Response	Emergency Consultation	In-situ Burn	Multiple	ESA	West Indian Manatees, Kemp's Ridley, loggerhead, Hawksbill, leatherback	No	\$3,278.02	\$0	\$3,278.02
MSU Houma	Well B-42	02/06/2024	03/11/2024	NMFS USFWS	Response	Emergency Consultation	In-situ Burn	Multiple	ESA	Not possible to Account Accurately for Individual Species	No	\$455	\$0	\$455
MSU Houma	Lake Peltó TPIC	05/18/2024	05/24/2024	NMFS USFWS	Response	Emergency Consultation	Skimming, booming, absorbent pads	Multiple	ESA	Not possible to Account Accurately for Individual Species	No	\$782	\$0	\$782
MSU Houma	South Chauvin Tar Balls	04/03/2024	04/09/2024	NOAA	Response	Emergency Consultation/SCAT	SCAT, Skimming, Manual Recovery, Absorbent Pads and Booming.	Multiple	ESA	Not possible to Account Accurately for Individual Species	No	\$350	\$0	\$350
MSU Morgan City	TPIC St Mary Flowline # 45	10/17/2023	10/27/2023	DOI USFWS SHPO	Response	Emergency Consultation	In-situ Burn	Multiple	ESA	Not possible to Account Accurately for Individual Species	No	\$600	\$0	\$600



Hurricane Preparedness

Pre-Storm



- **How does the Agency maintain situation awareness PRE-landfall ?**
 - National Weather Service calls/webinars
 - Access to raw model data via open-source websites
 - Frequent Alert Warning System messages to members
- **Provide Agency stakeholder outreach activities.**
 - Port Coordination Team calls.
 - Marine Safety Information Bulletins
- **Provide public affairs and external outreach activities.**
 - Not needed. Emergency Manager Community had ample messaging. MSIBs to Boating Public was the only need.





Hurricane Preparedness

Post Landfall

- **Overflight for pollution assessment: None found.**
- **Channel closures depend upon post-storm port assessment team evaluations, surveys by NOAA, ACOE, and Port Partners.**
- **Able to maintain minimal IMT manning due to quick movement of storm and low impact.**
- **NOAA NHC and Port Coordination Team Calls pre and post landfall.**





Hurricane Preparedness

Post Season

- **Lessons learned from the past year's activities:** Building is not suitable for power/internet outages for long-term operations.
- **Improvements in preparedness in the past year:** Updated COOP and Heavy Weather Plans and briefed crew on multiple occasions for what to expect. Ongoing and/or new concerns: Poor infrastructure for continuity of operations at unit. Requires COOP the majority of the time.
- **Areas for improvement:** Developed new WQSB providing rotating hurricane teams.
- **Unique challenges:** Unit without power or internet for multiple days following storm and some water intrusion in North Building. No generator installed.



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
HWCG, LLC. (Deepwater well containment consortium)	16 May 2024	Chevron Emergency Response Tabletop Exercise	08-09 May 2024	Terrebonne Parish EOC meeting regarding Hurricane Preparedness	21 May 2024
Hurricane Preparedness Training & Exercise with NOAA (VADR & ERMA)	15-19 Jun 2024	GIUE x2 Planned (MSU Houma)	June 2024	LA Statewide Area Committee Meeting	11 Jun 2024
FOSCR College	15-19 Jul 2024	NOAA VADR Training	June 2024	LA Statewide Area Committee Executive Steering Group (LA SACESG)	11 Jun 2024
MWCC (Marine Well Containment Company)	19 Sep 2024	Morgan City Hurricane TTX	June 2024	Hurricane Preparedness w/ NOAA (MSU Morgan City)	17-18 Jun 2024



Outlook

Until Next RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
		GIUE (MSU Lafayette)	TBD	Clean Gulf Conference	18-20 Nov 2024



Sector Corpus Christi

Captain Torrey Bertheau

Sector Commander



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
387	0	4	0

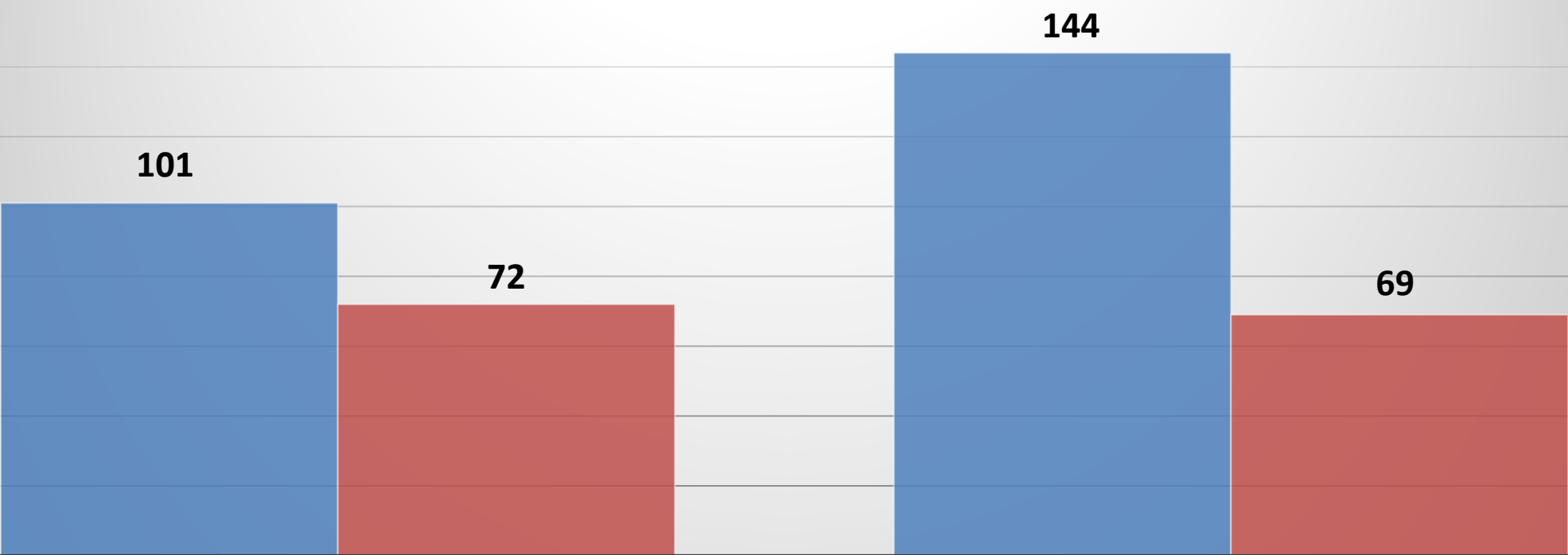


Executive Summary

Challenges-	01 Basic Ordering Agreement (BOA) for Oil Spill Removal Organization (OSRO) Deployment in the AOR
Lessons Learned-	Working relationships with OGAs and Industry Partners is key to an effective response. Example: Valero Dock 3
Best Practices-	Hurricane Workups and Repetition helped streamline the IMT setup



NRC Notifications



SPRING RRT 2024 MEETING

FALL RRT 2024 MEETING

Oil Hazmat



Consultations

Unit	Incident Name	Start Date	Stop Date	With	Phase	For	Response Actions	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	General Cost	Land Cost	Total Cost
None														



Hurricane Preparedness

Pre-Storm

- **How does the Agency maintain situation awareness PRE-landfall ?**

- National Weather Service calls/webinars
- Access to raw model data via open-source websites
- Frequent Alert Warning System messages to members, dependents, AUX, Reservists

B/P: MACOM CDR Facebook Live Evacuation Entitlements brief to DEPN

- **Provide Agency stakeholder outreach activities.**

- Port Coordination Team calls.
- Marine Safety Information Bulletins

- **Provide public affairs and external outreach activities.**

- Not needed. Emergency Manager Community had ample messaging. MSIBs to Boating Public was the only need.





Hurricane Preparedness

Post Landfall



- **Overflight for pollution assessment: None found.**
- **Two Day Channel Closure pending survey.**
- **01 ATON Discrepancy**
- **IMT reduced to ~10% of normal ops due to low impact.**
- **NDOW Coordination Calls pre and post landfall**





Hurricane Preparedness

Post Season



- **Things that went well this year (e.g., coordination between agencies, outreach):**
 - IMAT supported BERYL IMT
 - Hurricane Preparedness Family Night after PCS Season to brief all of the new arrivals.



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
ICS-300	Jun 2024	Coastal Bend Hurricane TTX	3 May 2024	South Texas Coastal Zone ACM ESG	May & Sep 2024
FOSCR College	Jul 2024	PORT CC PREPARED 2024 Trail Derailment FSE	Oct 2024	South Texas Coastal Zone ACM	Jul & Oct 2024
Pollution Incident Responder (PIR) College	Sept 2024	Harmful Algal Bloom Seminar	Oct 2024	TX Area Committee Executive Steering Group (TACESG)	Sep 2024
CANINE Oil SCAT	Sept 2024	South Texas ACP Oil Spill Workshop TTX	Nov 2024	Monthly Luncheon	Monthly
Marine Well Containment Corp Training	Oct 2024				



Outlook

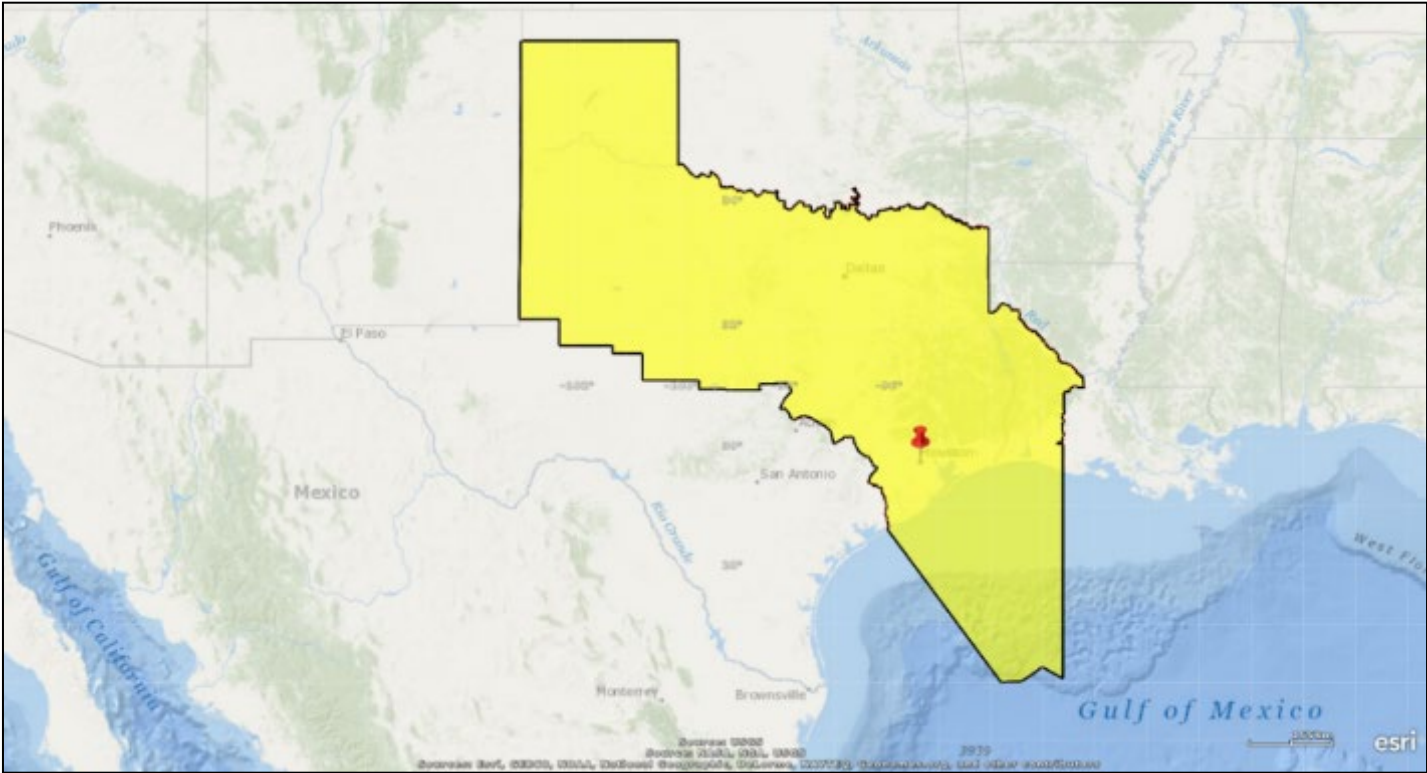
Until Next RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
South Texas Ammonia Safety Day	Dec 2024	STCZ PREP	Feb 2025	Clean Gulf Conference	18-20 Nov 2024
		NDOW FSE	March/April 2025	STCZ AC ESG	Feb 2025
				STCZ ACM	Apr 2025
				Texas Statewide ESG	Apr 2025



Sector Houston-Galveston

Captain Keith Donohue
Sector Commander



NRC Notifications	RRT Activations	OSLTF Projects	CERCLA Projects
282	1	6	1

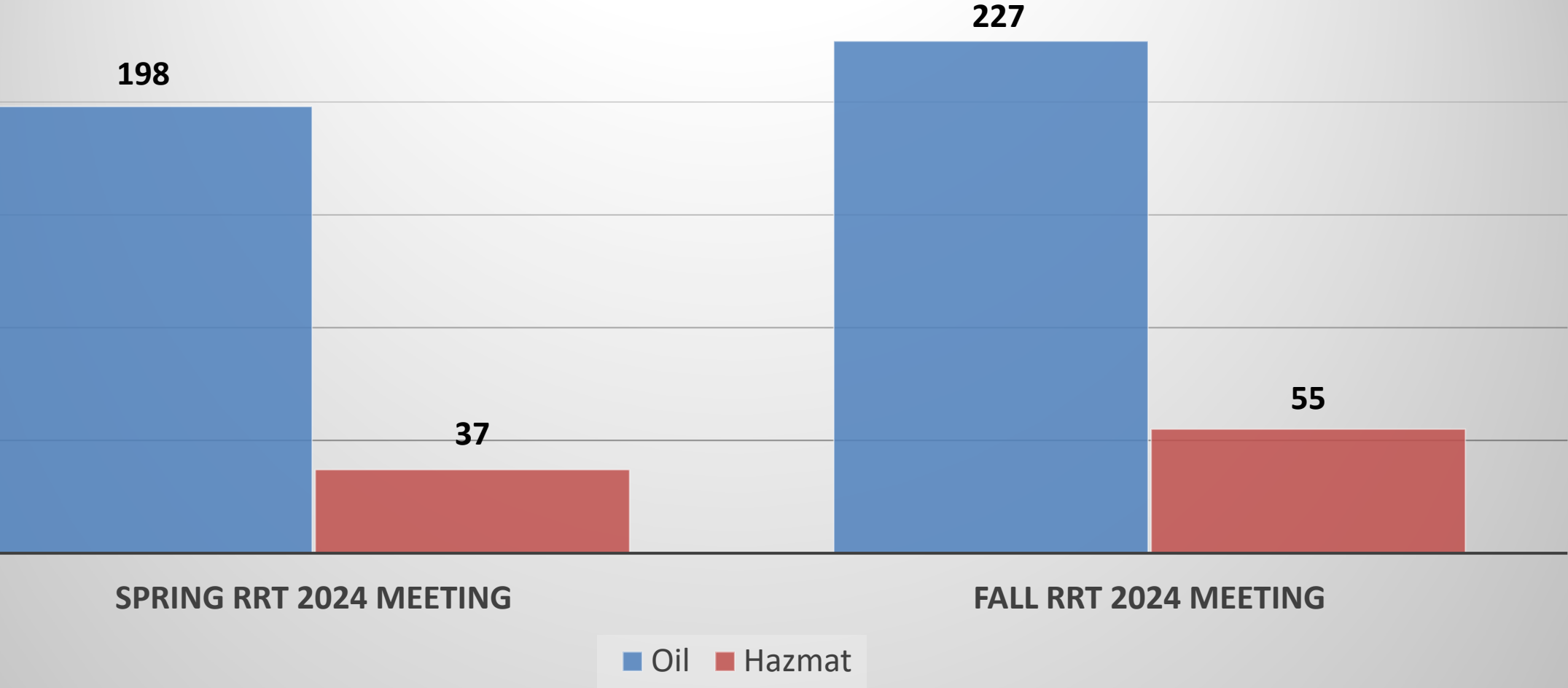


Executive Summary

Challenges-	<ul style="list-style-type: none">• Navigating state agency jurisdictions regarding platform, pipelines, and wells within state waters.• Even small discharges in state waters may be close enough to shore to garner public or media interest.
Lessons Learned-	<ul style="list-style-type: none">• State laws and statutes may be very convoluted regarding authority/jurisdiction.• State agencies may disagree about their own jurisdiction.• Record keeping regarding owner/operators of offshore platforms, pipelines, or wells may be insufficient.
Best Practices-	<ul style="list-style-type: none">• Coast Guard units should work to fully understand the authority/jurisdiction of state agencies prior to incidents which bring them into question.• In situations where state's authority or jurisdiction is a factor affecting response, CG units should attempt to engage state agencies to discuss jurisdictional concerns as soon as possible.

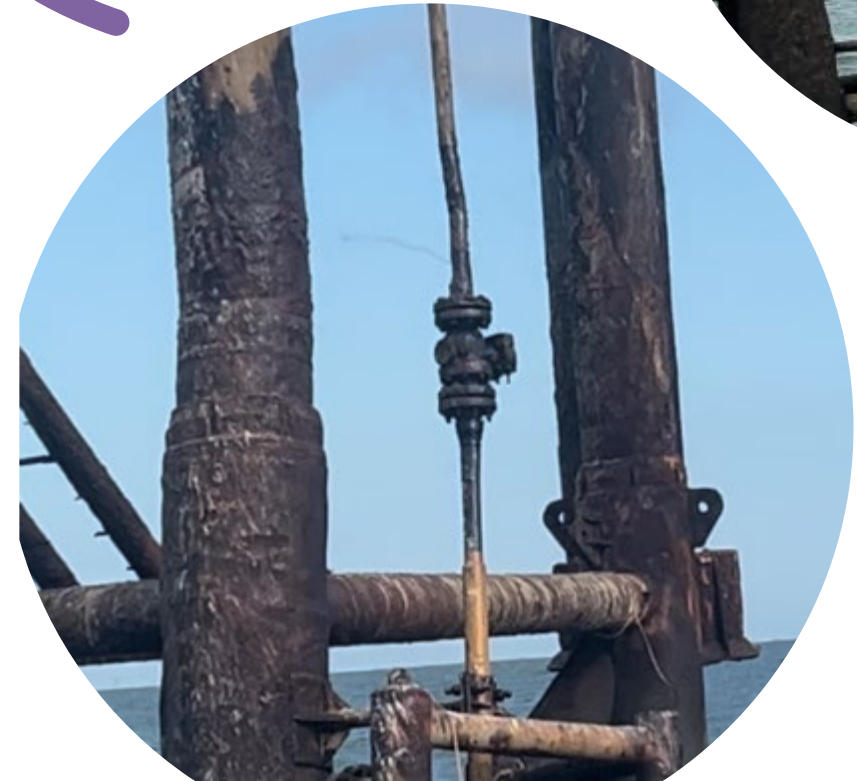


NRC Notifications



High Island 98 L Platform

- 15JUL24 Initial reports were made on Facebook, then through the NRC of an abandoned platform producing a rainbow sheen off Bolivar Peninsula near High Island. Report stated sheen was hundreds of feet by 50 feet wide. Facebook post quickly had over 1,100 shares.
- 17JUL24 USCG, TGLO, & TxRRC on scene to observe a pinhole leak on a pipeline approx. 10-15ft above the water, causing the rainbow to silver sheen/non-recoverable product.
- The platform is 8 miles offshore in Texas state waters, however, there was some debate between TGLO and TxRRC as to which agency was truly responsible for this discharge.
- The discharge MAY be attributed to residual pressure from the platform or pressure from the well where the pipeline MAY or MAY NOT tie in. Unfortunately, efforts to determine the sub-sea endpoint of the discharging pipeline were delayed during this period of jurisdictional uncertainty.



High Island 98L Platform cont...

- Pillar Income Asset Management came forward and explained that they were not the RP but were, in some way, associated with the previous owner of the platform, Gulf Coast Operations, and they would take action to secure the discharge.
- Pillar contracted Aslan Energy to board the platform via rope access due to the poor structural condition and on July 29th a temporary repair was made on the pipeline using a Belzona wrap, epoxy resin reinforced with silicon steel alloy.
- Since the repair was made, discussions are still underway between TGLO and TxRRC to determine what will ultimately be done as a permanent fix to prevent a future discharge from the High Island 98 L platform.





RRT Activation / Notification

Date (xx/xx/xxxx):	19 May 2024- MSU TXC	Activation	X	Notification	
Incident Name:	Pelican Island Bridge Allision				
Location:	Pelican Island/Swan Lake Restoration Site				
Responsible Party:	Martin Marine				
Type and amount of product spilled:	Approx 12k Gallons of Vacuum Gas Oil				
Issue / Concern:	Use of novel natural absorbent material not on approved list/Absorbent material to be left in environment.				
Agencies Involved:	NOAA, TGLO, TPWD, Galveston OEM, Local LE				
Decisions Made:	Decision made to apply loose natural absorbent material to a small area of oiled marsh within Swan Lake (to be left in environment)				





Consultations

Unit	Incident Name	Start Date	Stop Date	With	Phase	For	Response Actions	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	General Cost	Land Cost	Total Cost
MSU Texas City	Pelican Island Bridge Allision	15MAY24	31MAY24	DOI, USFWS, SHPO	Planning & Response	Technical assistance	Surface collecting agents/SCAT	IPAC identified varying species	ESA, EFH, NHPA	N/A	Yes	\$2,400	\$0	\$2,400



Hurricane Preparedness

Pre-Storm

- **How does the Agency maintain situation awareness PRE-landfall ?**
 - National Weather Service calls/webinars
 - National Hurricane Center & other open-source websites
 - Alert Warning System messaging to members and dependents
- **Provide Agency stakeholder outreach activities.**
 - Port Coordination Team calls.
 - Marine Safety Information Bulletins
- **Provide public affairs and external outreach activities.**
 - Press releases and social media messaging
 - Deployed AREPs to state and local EOCs



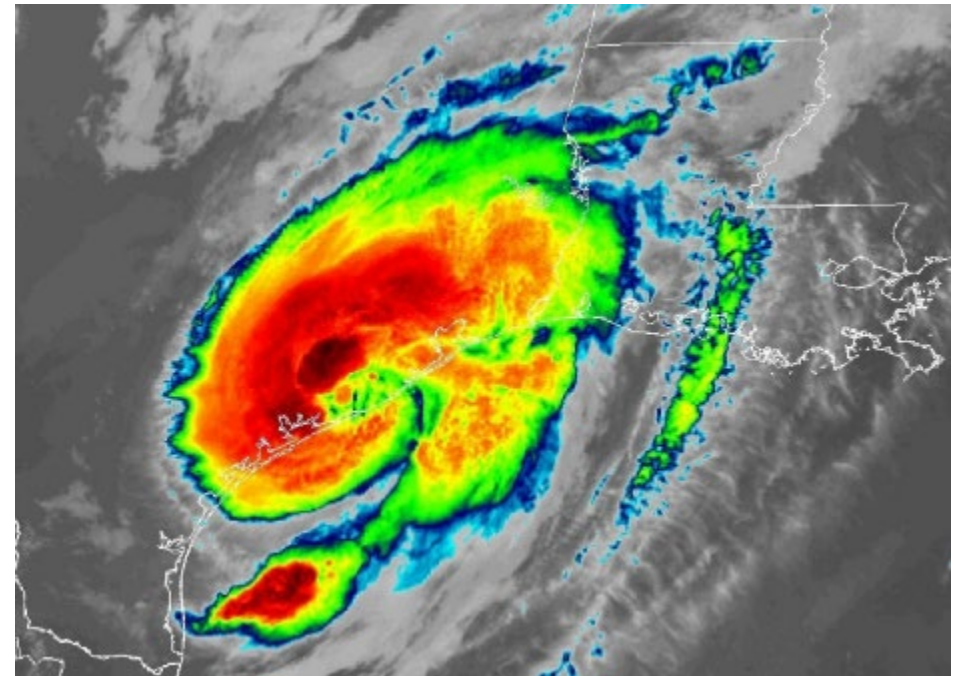


Hurricane Preparedness

Post Landfall



- Agency maintained situation awareness POST-landfall via common operating picture, assessments, vessel and facility status checks and PCT calls.
- Agency activities included staffing various EOCs, conducting post-storm assessments, running waterway survey, and monitoring resolution of over two dozen pollution targets (majority recreational boats).
- Information flow activities included stakeholder calls, situation reports, and development of an IAP.





Hurricane Preparedness

Post Season



- **Lessons learned from the past year's activities:** IMT updates, placement of AREPs at disaster district emergency operations center in lieu of SOC, ATON essential elements of information need to be updated and improvements to VTS infrastructure are needed.
- **Improvements in preparedness in the past year:** developed a new unit multi-mission COP.
- **Things that went well this year:** Joint Sector, Base Galveston and MSU Texas City IMT worked well. Great coordination amongst the various agencies.



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
FOSCR College	15-19 Jul 2024	NDOW/SHG HURREX	20-23 May 2024	CTCAC ESG	28 May 2024
Spill Response Course SOHV	20-23 Aug 2024	Hess Exercise	25 Jul 2024	LEPC Meeting	Various
Spill Response Course SCC	16-19 Sep 2024	Exxon Baytown FSE	7-8 Aug 2024	TACESG	5 Sep 2024
		Woodside IMT FE	12 Sep 2024	CTCAC Meeting	5 Sep 2024
		SE TX Response WS	16 Sep 2024	Galveston Bay Council	16 Oct 2024
		USCG/EPA TTX	26 Sep 2024		
		ENI GOM EX	1 Oct 2024		
		Valero Refinery EX	9 Oct 2024		
		Exxon GOM EX	16-17 Oct 2024		
		BP GOM FE	23-24 Oct 2024		



Outlook

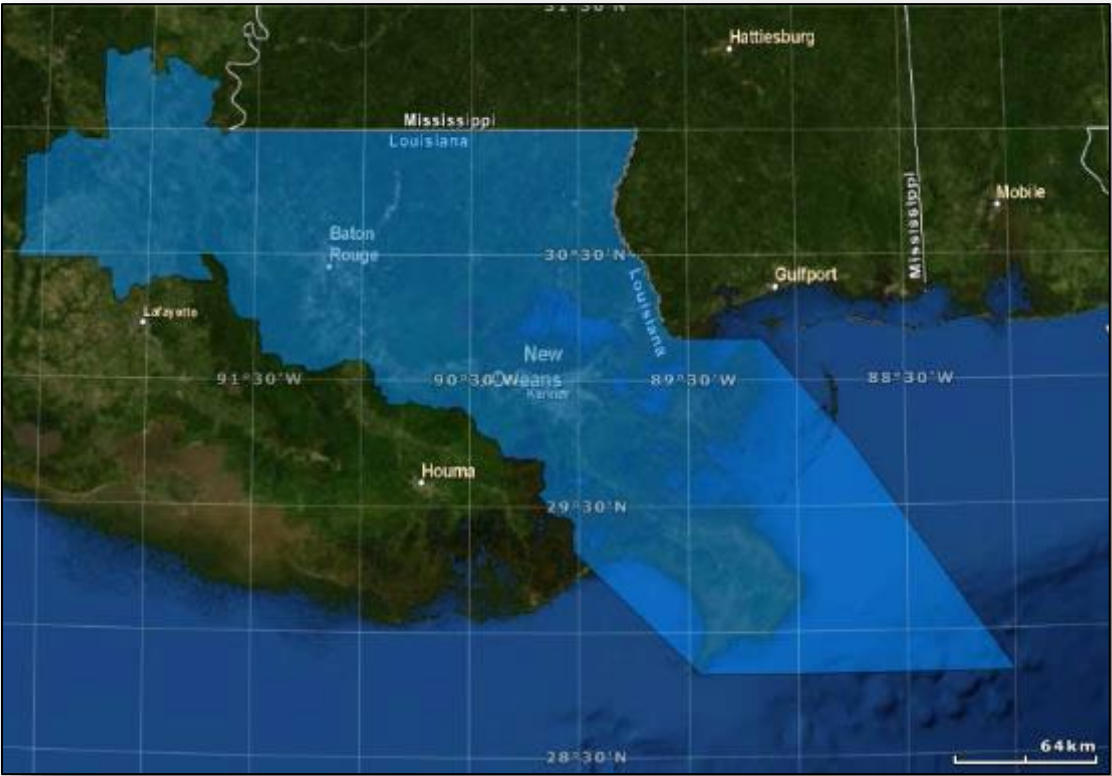
Until Next RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
Spill Response Course Morgan City	11-14 Mar 2025	Exxon Quintana Exercise	20 Nov 2024	Clean Gulf Conference	18-20 Nov 2024
		TGLO/WRS Wildlife Workshop	21 Nov 2024	CTCAC Meeting	6 Feb 2025
		Reserve IMT Workshop	11-12 Jan 2025		



Sector New Orleans

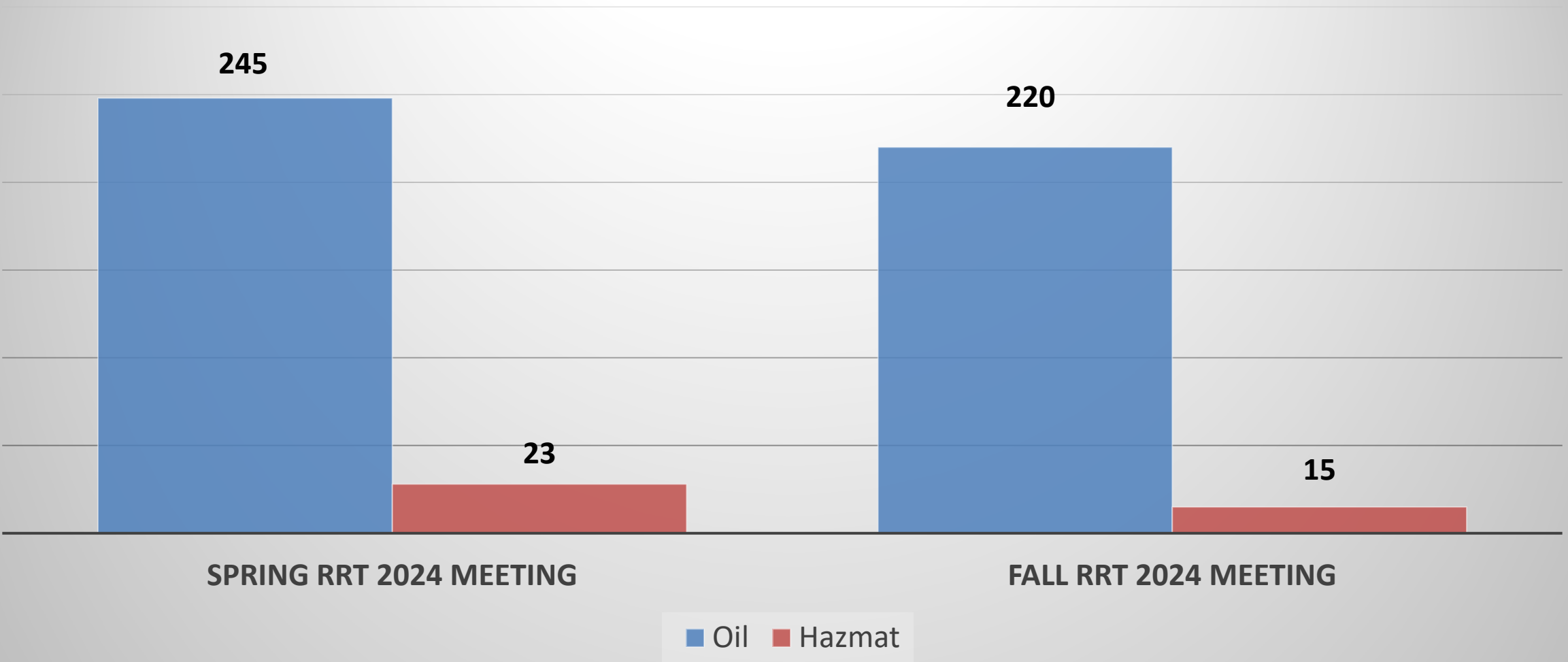
Captain Gregory Callaghan
Sector Commander



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
235	0	2	1



NRC Notifications





M/V HANS SCHULTE



- On 27JUL24 at approx. 1500CST, SEC NOLA received a report from the container ship HANS SCHULTE (MV HS) of a hazardous materials release that occurred at 0800 CST. The MV HS is a 900' Hong Kong flag container ship that was bound for New Orleans and located 5NM S/SE of SW Pass, just outside the entrance to the Mississippi River at the time of report.
- Crewmembers discovered a clear liquid near the suspected source, but were unable to verify exact location due to noxious fumes. The area was restricted from crew contact, and through review of the dangerous cargo manifest (DCM), 11 suspected cargos were identified as potential causes of release.
- 1845CST, 27JUL24, a COTP Order was issued restricting the vessel from entry.
- 29JUL24, USCG stood up an IMT to oversee the response. SEC NOLA coordinated efforts through the QI, Witt O'Briens, to establish air monitoring operations and conduct HAZMAT sampling with GST support virtually.
- Based on sampling and visual assessment the suspect container and substance was identified and estimated to be Glutaraldehyde, quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, and chlorides; aka an industrial bactericide.





M/V HANS SCHULTE

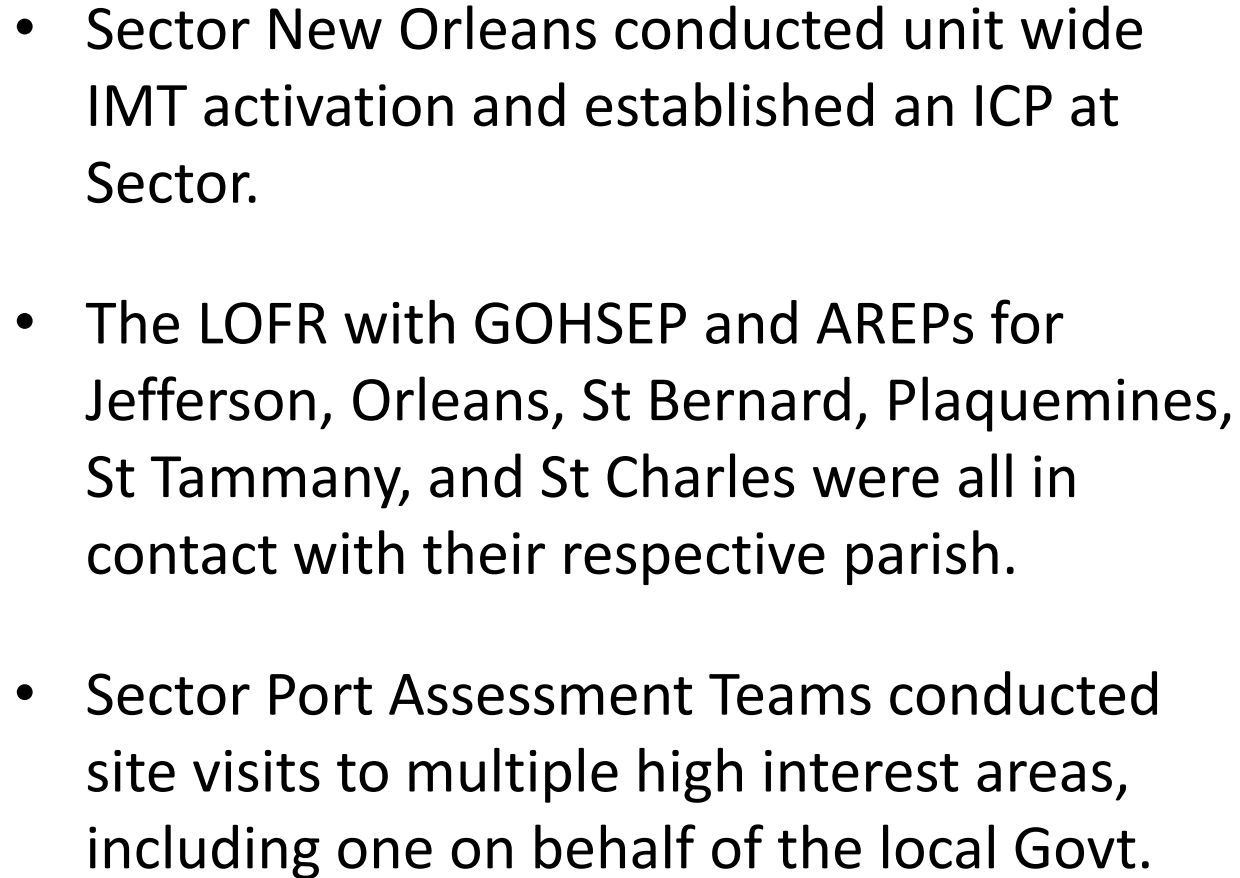


- 01AUG24 Decon operations commenced offshore and the QI presented plans for transit and additional decontamination to include final disposition of the offending container and substance to the USCG and Port Partners for consideration.
- 03AUG24 MV HS arrived at the Port of NOLA and began offloading containers including the affected container. Field ops to open, inspect, and decon began under GST site supervision.
- 04AUG24 the contractor discovered 17 damaged drums requiring overpack.
- 05AUG 24 MV HS departed for their NPOC. The damaged drums and container were placed in secondary containment for further disposal.



Consultations

Unit	Incident Name	Start Date	Stop Date	With	Phase	Response Actions	Species (Common Name)	Type	Federal Listing Status	Critical Habitat	General Cost	Land Cost	Total Cost
None													





Hurricane Preparedness

Post Landfall



- The Common Operating Picture is displayed using HSIN which provides several windows to show different segments of data. Additionally, ERMA is used to display any MER information. E-contingency provides resource reporting and status of forces information.
- Information flow is managed through Port assessment calls, AREPs and Command Center through HSIN, and various other calls.(NOAA, NWS, MACOM, ESF GOHSEP...etc)
- During Hurricane Francine, Sector received an NRC report and responded to 01 barrel of hydraulic oil that was sheening with no RP. The fund was opened and SECNOLA IMD oversaw removal.





Hurricane Preparedness

Post Season



Lessons learned from the past year's activities (e.g., funding, staffing):

- Further understanding of the NOAA VADR/ERMA contract for pre & post storm targeting is needed
- The use of E-contingency (213RR process and A-Dash) has improved. EMFR provided internal training to all SITLs and other members of the IMT
- We have created MOAs with the Cyber Innovation Center and Disaster Response Center. (COOP locations). Updated agreement with Marine Forces Command to store GVs during severe weather events.
- The coordination with the Parishes and port partners was highlighted during a recent weekend incident involving hazardous materials on the river.



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
Pre-Hurricane Refresher Training (ERMA/VADR)	17-18 Jun 2024	Jefferson Parish Train Derailment TTX	21 May 2024	Int'l Oil Spill Conf	13-16 May 2024
D8 PR College	17-20 Jun 2024	BSEE Source Control Symposium	27 Aug 2024	SELAC Meeting	22 May 2024
D8 FOSCR College	15-19 Jul 2024			LA Statewide Area Committee Executive Steering Group (LA SACESG)	11 Jun 2024 16 Oct 2024
				St James LEPC	14 Aug 2024



Outlook

Until Next RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
		Joint PREP TTX (1day)	(10,11 or 12) Jun 2025	St James LEPC	13 Nov 2024
				St Bernard LEPC	18 Nov 2024
				Clean Gulf Conference	18-20 Nov 2024
				SELAC Meeting	22 May 2025

Open Forum



Action Items

No	Items	Assigned To
1	Unmanned Aircraft Systems UAS (Drone) Data Call <i>(Availability and capabilities?)</i>	Coordinators
2	Fact Sheets - Alternative Fuels <i>(e.g., Ammonia and Hydrogen)</i>	EC

Future Meeting Dates

Dates for future RRT-6 Meetings		
Semiannual Meetings	Location	Dates
Spring 2025 Joint RRT-6/7 mtg	Lenexa, KS	2-3 Apr 2025
Fall 2025	Addison, TX	5-6 Nov 2025
Spring 2026	Addison, TX	6-7 May 2026
Fall 2026	Addison, TX	5-6 Nov 2026

Closing Remarks

Co-Chairs



Madison McNary, U.S. EPA



Dr. Keyth Pankau, USCG