

Welcome to the Fall 2023 Meeting



2 Nov 2023

Day 1

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

Day 1

Day 2



2023 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
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Microsoft Teams Meeting
[Click here to join the meeting](#)
 Meeting Call-in Number: (210) 469-3886 Passcode: 478 595 417#

Day 1		Thursday, November 2, 2023	
0800 – 0830	Welcome, Introduction, & Review of Minutes	Co-Chairs & Coordinators	
0830 – 0900	Review Priority List	Michael Sams, USCG	
0900 – 0915	Open Forum	All	
0915 – 0945	RRT-6 Co-Chair Report Outs: 1. U.S. Coast Guard (USCG) 2. U.S. Environmental Protection Agency (USEPA)	Michael Sams, USCG Craig Carroll, USEPA	
15-Minutes	Break		
1000 – 1130	Subpart J of the National Contingency Plan (NCP) Updates	Greg Wilson, EPA HQ	
90-Minutes	Lunch		
1300 – 1445	State Agency Reports: 1. Arkansas: a. Arkansas Department of Energy and Environment (ADEE) b. Arkansas Division of Emergency Management (ADEM) 2. New Mexico: a. New Mexico Homeland Security and Emergency Management (NMHSEM) 3. Oklahoma: a. Oklahoma Department of Environmental Quality (ODEQ)	4. Texas: a. Texas Commission on Environmental Quality (TCEQ) b. Railroad Commission of Texas (TRRC) c. Texas General Land Office (TGLO) 5. Louisiana: a. Louisiana State Police (LSP) b. Louisiana Department of Environmental Quality (LDEQ) c. Louisiana Oil Spill Coordinator's Office (LOSCO)	
15-Minutes	Break		
1500 – 1630	Federal Agency/Tribal Reports: 1. Region 6 Tribes 2. Dept. of Transportation (DOT) 3. Dept. of Health and Human Services (DHHS) 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) c. Chemical Facility Anti-Terrorism Standards (CFATS) 12. Dept. of Commerce (DOC) 13. Dept. of Labor (DOL) a. Occupational Safety and Health Administration (OSHA) 14. Dept. of the Interior (DOI)	
1630 – 1635	Review Action Items	Coordinators	
1635 – 1645	Closing Remarks	Co-Chairs	
1645	Adjourn		



2023 Regional Response Team (RRT) 6 Fall Meeting Agenda

Day 2		Friday, November 3, 2023	
0800 – 0805	Welcome	Co-Chairs & Coordinators	
0805 – 0835	Bureau of Safety and Environmental Enforcement (BSEE) – 2023 Capping Stack Drills	Eric Miller, BSEE	
0835 – 0905	BSEE – Area Contingency Plan Project Update	Bryan Rogers, BSEE & Gabrielle McGrath, RPS	
0905 – 0930	Coastal Response Research Center (CRRC) Techniques and Methods Development Project	Dr. Lisa Dipinto, NOAA	
15-Minutes	Break		
0945 – 1015	EPA Case Study - Marathon Refinery Fire – Garyville, LA	Bray Fisher, EPA	
1015 – 1045	Waters of the U.S. (WOTUS) Update	Troy Swackhammer, EPA	
90-Minutes	Lunch		
1215 – 1300	EPA Case Study - 4H Construction Oil Spill – Fort Smith, AR	Adam Adams, EPA	
1300 – 1400	USCG FOSC Reports (unit reps from each of the below will present ~10 min): 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	MST1 Brandi Walls LT Nicholas Boinay LTJG Eileen Best LTJG James Mahoney CWO Michael Walker LTJG Craig Feeney	
15-Minutes	Break		
1415 – 1430	Open Forum	All/Co-Chairs	
1430 – 1445	Review Action Items & Future Meeting Dates	Coordinators	
1445 – 1500	Closing Remarks	All/Co-Chairs	
1500	Adjourn		

Dates for next RRT-6 Meetings		
Semiannual Meetings	Location	Dates
Spring 2024	Addison, TX	8-9 May 2024
Fall 2024	Addison, TX	13-14 Nov 2024
Spring 2025	Addison, TX	7-8 May 2025
Fall 2025	Addison, TX	5-6 Nov 2025

Opening Remarks

Co-Chairs



Craig Carroll, U.S. EPA



Michael Sams, USCG

Introductions

- Name
- Agency / Entity

Approve Spring 2023 Meeting Summaries

	Region 6 RRT Spring Meeting May 16-17, 2023		
	<i>Presentations are available online: 2023 -- Spring Meeting Presentations</i>		
Executive Committee Meeting (May 16, 2023)			
<p>In-Person / Remote Attendance: Craig Carroll (USEPA), Michael Sams (USCG D8), Kelsey "Bray" Fisher (USEPA), Todd Peterson (USCG D8), Steve Mason (USEPA) Gary Moore (USEPA), Lyndsey Nguyen (USEPA), Adam Tyndale (USCG D8), Brandon Todd (USCG D8), Dr. Paige Doelling, (NOAA), Dr. Karolien Debusschere (LOSCO), and Brent Koza (TGLO). Guests: Jimmy Martinez (TGLO), Charlie Henry (NOAA), and Rebecca (Becky) Collins (DOD).</p>			
<p>1. Reviewed / Revised RRT-6 Priority List</p>			
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.	Improved Coordination of Natural Resource Damage Assessment (NRDA) with Response	Preparedness Committee	On Hold
5.	Develop Non-Synthetic Loose Sorbent Guidance	Executive Committee	In Progress
6.	Develop Air Monitoring Best Practices	Executive Committee	In Progress
7.	Refine Fish and Wildlife and Sensitive Environments Plan (FWSEP)	Executive Committee	In Progress
8.	Update Inland Specific Area Contingency Plan (ACP)	Executive Committee	In Progress
<p>1 Page</p>		<p>Updated: 09/13/2023</p>	



MEETING SUMMARY
JOINT REGION 4 & REGION 6 REGIONAL RESPONSE TEAM MEETING
 Louisiana State Police Academy
 7901 Independence Boulevard, Baton Rouge, LA
 May 17-18, 2023

Joint Session / Day 1 Presentations

At 1300, RRT-6 Co-Chairs welcomed the group, noting that spills and responses occur without regard for geo-political boundaries, and create needs for joint meetings where information is shared among industries, states, and federal partners. They acknowledged the Co-Chairs for RRT-4, who deferred all comments to the RRT-6 leadership. The following series of presentations occurred:

1. "PFOS/PFAS Overview" – Tim Frederick, EPA R4
2. "New Madrid Seismic Zone Overview" – Jim Wilkinson, Central U.S. Earthquake Consortium (CUSEC)
3. "Incorporating Natural Resource Damage Assessments (NRDA) in Exercises" – Mike Drieu (Oxy), Gina Saizan (LOSCO), Keith Nichols (CK Associates)
4. "OSC Case Study" – Tulsa Gamma – Mike McAteer, EPA R6
5. "Science and Response Techniques for a Major Nurdle Spill in the Gulf of Mexico" – Charlie Henry, NOAA
6. "Environmental Justice Review" – Natasha Bashir (EPA R4), Nabil Mzee (EPA R6)
7. "Endangered Species Act Consultation" – Robert Tawes, USFWS

Joint Meeting Recessed

RRT-6 Co-Chairs created the opportunity to field questions and comments in an open forum, including online participants. They then delivered closing remarks before the meeting recessed.



Joint Region 4/6 RRT Meeting, 5/17-18/2023

1

Spring Meeting Action Items

No	Items	Assigned To	Status
1	Consider creating well plugging coordination group.	Executive Committee	Ongoing
2	Coordinate sharing best practices for data management between agencies.	Executive Committee	Ongoing
3	Publish completed biological opinions generated by National Marine Fisheries Service and USFWS regarding Deepwater Horizon response.	Executive Committee	<p style="text-align: center;">Complete</p> <p>Documents are located on the RRT-6 Website:</p> <ul style="list-style-type: none"> • DWH.Biological.Opinion--USFWS.pdf • DWH.Biological.Opinion--NMFS.pdf

Priority List

In Progress or Continuing

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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 Specific Area Contingency Plan (ACP)	Executive Committee	In Progress
8.	Sharing Emergency Response Air Monitoring Data Management Practices	Executive Committee	Adopted as priority

Open Forum



RRT-6 Co-Chair Report Outs

Michael Sams, USCG D8

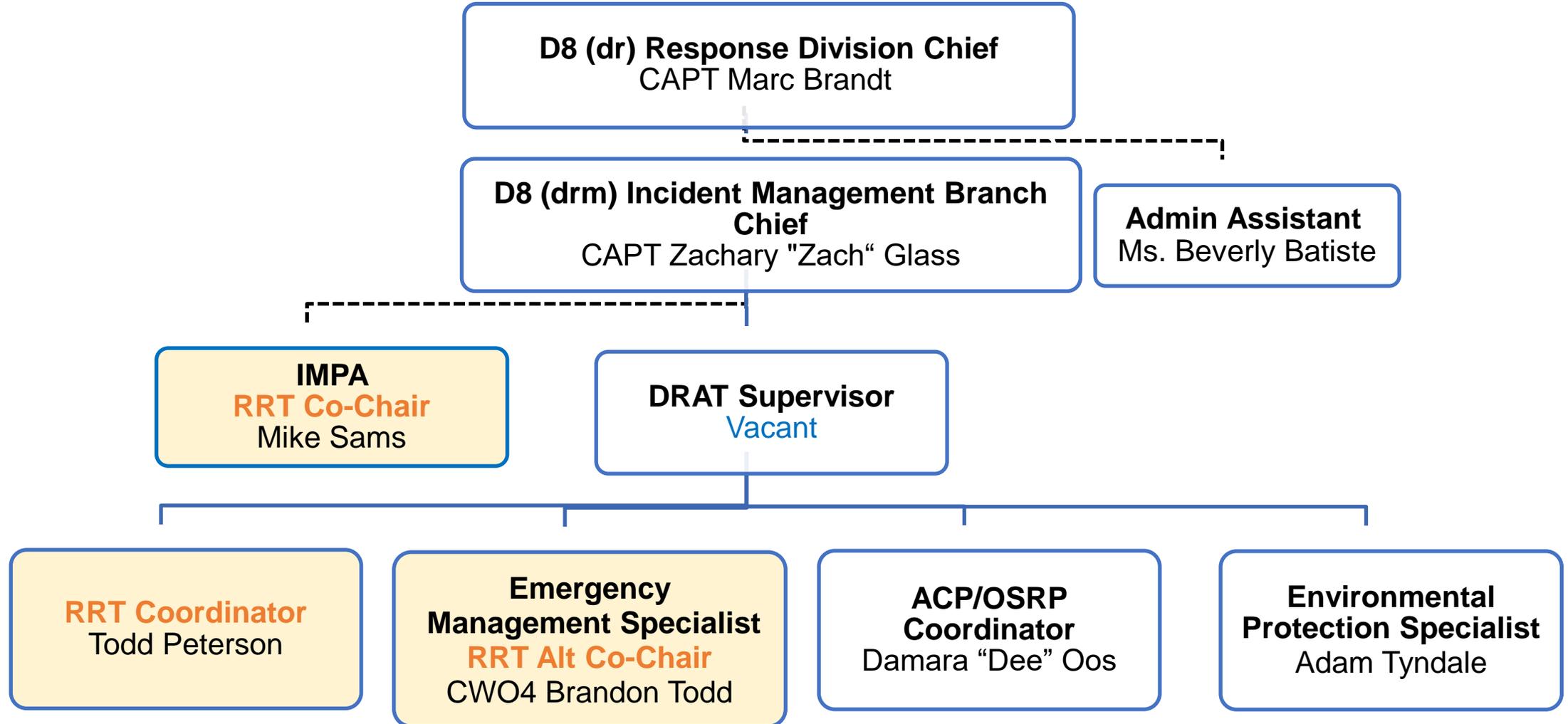
Craig Carroll, EPA R6



Role	RRT Member	Contact Info
Co-Chair	Mr. Michael Sams	(571) 607-5403 Michael.K.Sams@uscg.mil
Co-Chair Alternate	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) Update
 - CG Marine Environmental Manual Update Pends
 - Coast Guard National Review Panel (CGNRP)
 - Interagency Coordinating Committee on Oil Pollution Research (ICCOPR): FY 2020-2021 Activities
- **CGD 8:**
 - District Response Advisory Team Hiring (GS-13)
 - Federal On-Scene Coordinator Representative (FOSCR) College



Hurricane Preparedness

Hotwash

- **Lessons learned from last year:**
 - ✓ Annex 19 still valid
- **Improvements in preparedness from last year to this year:**
 - ✓ Updated D8 Severe Weather Plan
 - ✓ Updated ESF-9 Agreement
- **Ongoing and/or new concerns:**
 - ✓ Personnel transfers (active duty)
 - ✓ GS-13 CISAR Specialist
- **Things that went well this year:**
 - ✓ No storms!
- **Areas for improvement:**
 - ✓ Communication & coordination
- **Unique Challenges:**
 - ✓ NTR



Accomplishments

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
FOSCR College	Sector Houston-Galveston	26-30 Jun 2023
RRT-7 Meeting	Lenexa, KS	27-28 Sep 2023
LA SACESG Meeting	Telcon	4 Oct 2023
RRT-8 Meeting	Denver, CO (Virtual)	11-12 Oct 2023
RRT-5 Meeting	Dimondale, MI	17-18 Oct 2023
RRT-4 Meeting	Louisville, KY	31 Oct – 2 Nov 2023



Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
Clean Gulf Conference	San Antonio, TX	7-9 Nov 2023
RRT-3 Meeting	Lancaster, PA	5-7 Dec 2023
LA SACESG Meeting	Telcon	7 Feb 2024
RRT-7 Meeting	Lenexa, KS	27-28 Mar 2024
NRT/RRT Co-Chair	St. Louis, MO	9-11 Apr 2014
8th Annual Clean Waterways Conference	Cincinnati, OH	9-11 Apr 2024
FEMA R6 RISC Meeting	Denton, TX	16-18 Apr 2024
RRT-8 Meeting	Denver, CO	1-2 May 2024
RRT-6 Meeting	Addison, TX	8-9 May 2024
FOSCR College	Sector Houston-Galveston Houston, TX	May/Jun 2024 (TBD)

Environmental Protection Agency (EPA)





Role	RRT Member	Agency	Contact Info
Co-Chair	Craig Carroll	EPA	(214) 665-2220 carroll.craig@epa.gov
Coordinator	Bray Fisher	EPA	(214) 665-2712 fisher.kelsey@epa.gov
Alternate Co-Chair	Lyndsey Nguyen	EPA	(214) 665-3143 nguyen.lyndsey@epa.gov



Overview

- **Challenges**

- High visibility due to Administrative priorities
 - Air monitoring action levels
 - Environmental Justice
 - Climate Change
 - Tribal Coordination
- Retirements, out-posting, and new staff
- Accessibility of contracts and contractor services

- **Best Practices**

- PDO Viewer upgrades and trainings
- Dashboards/Hub Sites for responses and removals
- Out-posting

- **Significant Responses**

- Marathon Fire
- 4H Construction
- Calcasieu Refining Fire
- High Tech Finishing Fire
- Smokehouse Ammonia Release
- Sherwin Williams Plant Fire
- Energy Transfer Pipeline Edmond
- Kremlin Oil Spill
- Sunoco Pipeline Spill



EPA R6 Response & Removal Branch



Response & Removal Branch Manager – Craig Carroll -x2220					
SEDE					
Emergency & Preparedness Section SEDE-R		AR/LA/OK Section SEDE-A		TX/NM Section SEDE-T	
Lyndsey Nguyen -x3143		Eric Delgado -x2703		Chris Petersen -x3167	
Adams,Adam	x2779	Guidry,Randy	x2277	Brescia,Nicolas	x2291
Adams,Pratistha	x2214	McAteer,Michael	x7157	Jordan,Loran	xTBD
Enders,Jhana	x6654	Mzee,Nabil	x7322	Lara,Alex	x2239
Fisher,Bray	x2712	Polk,Jennifer	469-834-9476	Loesel,Matt	x8544
Moore,Gary	x6609	Robertson,David	x7363	Patel,Anish	281-983-2233
Paisley,Eric	x6405	Roff,Nicholas	x3157	Ouedraogo,Idrissa	281-983-2146
Perry,Chris	x6702	Sejour,Julie	225-427-7559	Rouse,Phil	x3187
Fausel,Betsy SEE	x2712			Volker,John	x2162
Mason,Steve SEE	x2276			Zehner,Warren	281-983-2229
Melton,Troy SEE	x2298			Parsons,Nellie SEE	x3164
McKay,Tom SEE	x2180				
Pursell,Tracey SEE	x3185				



Hurricane Preparedness Hotwash



- **Things That went Well this Year**

- Process for External Affairs to provide information to local and elected officials, and to our Office of Communities, Tribes, and Environmental Assessment (OCTEA)
- Out-posting in Baton Rouge and Houston
- Branch Realignment

- **Improvements in Preparedness in the Past Year**

- Operational data dashboards
- Drinking water coordination
- Incorporating EPA “EJ Screen” (Environmental Justice GIS layer) into Planning Process.

- **NDOW**

- Improved Unified Command’s rapid needs assessments capability with UAVs.
- Increased preparedness to rapidly conduct air monitoring around fence-line communities
- Facilitated 9 1-day NDOW/Response Manager Trainings and NDOW in May (~200 people)

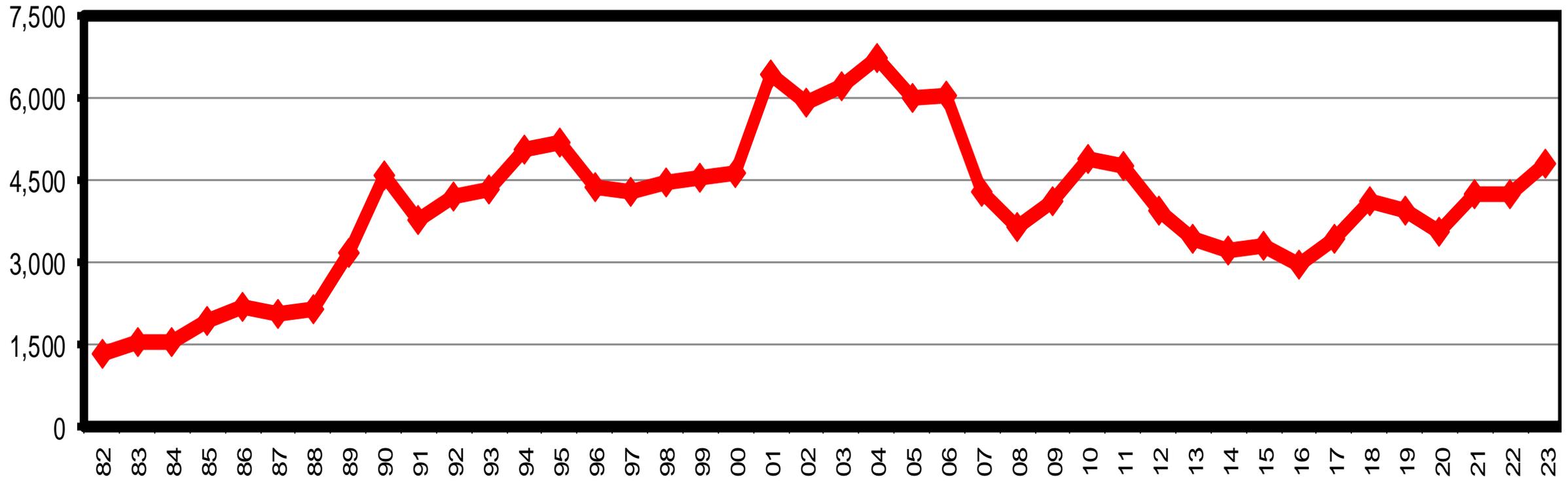


Laws/Regulations/Policies

- Finalized revisions of the Subpart J of the NCP on May 31, 2023
- CWA Hazardous Substance FRP Rule
 - Final action must be signed September 28, 2024, under the Consent Decree
 - OMB is reviewing the final rule
- EPA issued advanced notice of proposed rulemaking on April 13, 2023, asking the public comment regarding designations of PFAS under CERCLA. Comment period closed on August 11, 2023

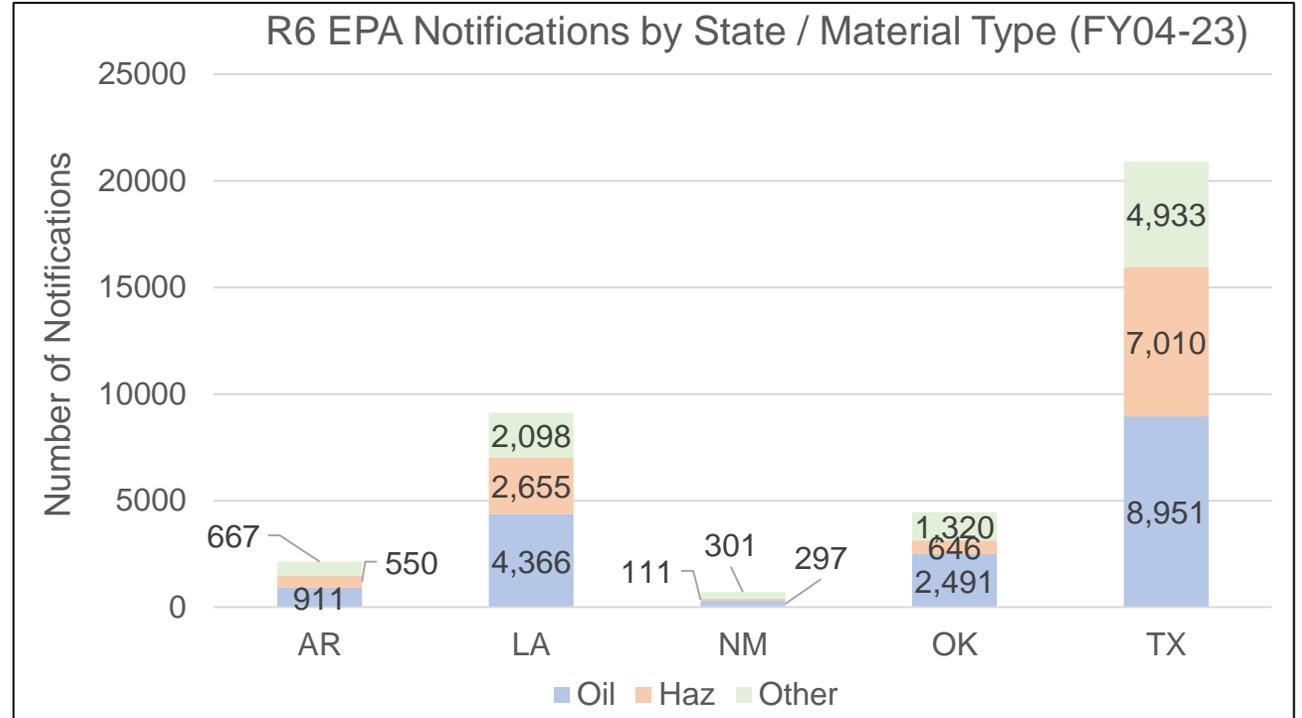
Release / Spill Notifications -- EPA Region 6 since 1982

- EPA Region 6 accounts for 26 % of all release reports nationally
- EPA Region 6 accounts for 45 % of air release reports nationally
- EPA received 60 notifications in FY2023 of evacuations/shelter-in-places (avg 1 / week)
- EPA receives more air releases from Harris County, TX than 47 states



Notification at-a-Glance: Review of past 20 years

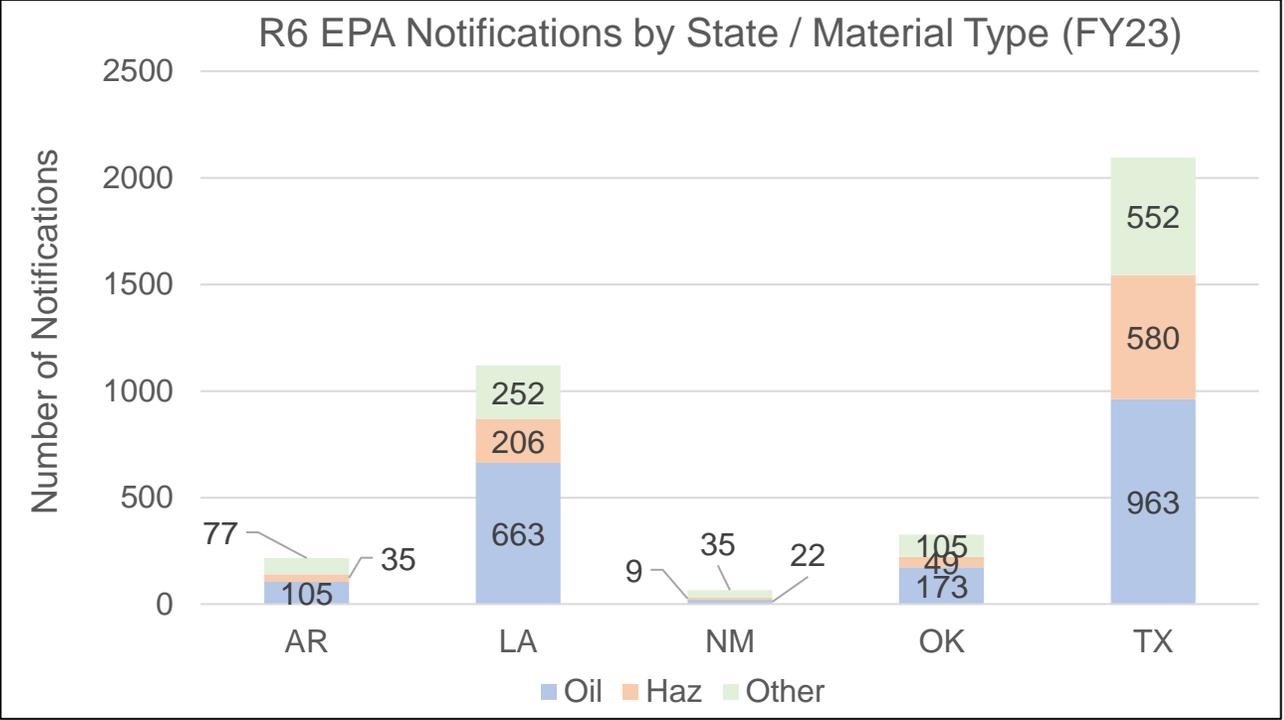
State	OIL	HAZ	Other	Total
AR	911	550	667	2,128
LA	4,366	2,655	2,098	9,119
NM	297	111	301	709
OK	2,491	646	1,320	4,457
TX	8,951	7,010	4,933	20,894
Total	17,016	10,972	9,319	37,307



Most Frequently Reported Materials (FY04-23)			
	OIL / OIL PRODUCTS	HAZ SUBSTANCES	OTHER
1	Unknown Oil	Oxides of Nitrogen	Unknown Material / Chemical
2	Crude oil	Benzene	Natural Gas
3	Diesel Fuel	Ammonia	Carbon Dioxide / Monoxide
4	Hydraulic Oil	Butadiene	Drilling Brine / Mud
5	Gasoline	Hydrogen Sulfide	Sulfur Dioxide / Trioxide
	Accounts for 73% of all oil reports	Accounts for 58% of all HAZ reports	Accounts for 51% of all other reports

Release / Spill Notifications -- EPA Region 6 – FY 2023

State	OIL	HAZ	Other	Rad	Total
AR	105	35	77	0	217
LA	663	206	252	0	1,121
NM	22	9	35	0	66
OK	173	49	105	1	328
TX	963	580	552	1	2,096
Total	1926	879	1021	2	3828



Most Frequently Reported Materials

	OIL / OIL PRODUCTS FY23	HAZ SUBSTANCES FY23	HAZ SUBSTANCES (FY04- FY23)	OTHER FY23
1	Unknown Oil	Ammonia	Oxides of Nitrogen	Unknown Material / Chemical
2	Crude oil	Butadiene	Benzene	Natural Gas
3	Diesel Fuel	Hydrogen Sulfide	Ammonia	Carbon Monoxide
4	Hydraulic Oil	Benzene	Butadiene	Sulfur Dioxide / Trioxide
5	Gasoline	Vinyl Chloride	Hydrogen Sulfide	Drilling Brine
	Accounts for 74 % of all oil	Accounts for 41 % of all HAZ	Accounts for 58% of all HAZ	Accounts for 71 % of all other



Accomplishments

FY2023

Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
Completed 22 CERCLA and 10 OPA removal actions	Various	Various
Completed 40 FRP and 123 SPCC inspections	Various	Various
27 Tabletop/Field Exercises; includes 4 GIUEs	Various	Various
Held 11 OSC monthly meetings; includes PDO Viewer exercises	Virtual/Dallas, TX	Various
OSC Readiness	Orlando, FL	January 23-29, 2023
ESF #10 Hurricane Coordination Meeting with Federal and State Partners	Virtual	April 13, 2023, August 22, 2023, and July 21, 2023
Central TX Coastal Area Committee	Various	Various
NRT/RRT Co-Chairs Meeting	Portland, OR	February 13-16, 2023
11 RRT6 Executive Committee monthly calls	Virtual	Various
RRT-4/RRT-6 Joint Spring 2023 Meeting	Baton Rouge, LA	May 17-18, 2023
NDOW Full Scale ESF #10 (Hurricane) Exercise	Corpus Christi, TX	May 22-26, 2023



Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
OSC monthly meetings	Dallas, TX	1 st Monday
RRT6 Executive Committee monthly calls	Virtual	2 nd Wednesday
LEPC Meetings: Greater Harris & Jefferson Counties; Greater Houston, SE Regional, and Deer Park	Various	Various
Coastal Area Planning Committee: SE Texas, SW Louisiana, and S Texas	Various	Various
Central TX Coastal Area Committee	Various	Various
NDOW Full Scale ESF #10 (Hurricane) Exercise	Lake Whitney, TX	March 5-8, 2024
NDOW Ops Field Exercise	TBD	May 2024
NRT/RRT Co-Chairs Meeting	April 9-11, 2024	St. Louis, MO

Subpart J of the National Contingency Plan (NCP) Updates

Greg Wilson, EPA HQ

National Oil and Hazardous Substances Pollution Contingency Plan (NCP)

Amendments to Subpart J *Product Schedule Listing and Authorization of Use*

RRT 6 MEETING – NOVEMBER 2, 2023

Disclaimer: This presentation provides information on relevant statutes and regulations, and is not itself a regulation. In the event of any conflict between this presentation and applicable statutes or regulations, the applicable statutes or regulations control.



Timeline



Listing/Authorization of Use Final Rule

- Expanded data/testing requirements to encourage safer, more effective products.
- Better target product use to reduce risks of oil spills and response technologies to human health and the environment.
- Framework for authorizing agent use; does not mandate agent use nor removes agents from consideration.
 - Definitions (§ 300.5)
 - General Authorities (§ 300.900)
 - Listing on the NCP Product Schedule or Sorbent Product List (§ 300.915)
 - Appendix C
 - Proprietary Business Information (§ 300.950)
 - Addition of a Product (§ 300.955)
 - Mandatory Product Disclaimer (§ 300.965)
 - Removal of a Product (§ 300.970)
 - Authorization of Agent Use (§ 300.910)
 - Appendix E and 40 CFR Part 110.4



Definitions and General Authorities

(§§ 300.5 & 300.900)



Definitions

- **Subpart J Definitions (§300.5)**
 - *Amends* definitions for Bioremediation agents, Burning agents, Chemical agents, Dispersants, Sinking agents, Sorbents, and Surface washing agents.
 - *New* definitions for Bioaccumulation, Bioconcentration, Biodegradation, Biological agents, Bioremediation, Herding agents, Products, and Solidifiers.
 - *Removes* definitions for Miscellaneous Oil Spill Control Agents (MOSCA) and Surface collecting agents.



General Authorities, (§ 300.900)

- Statutory Authority under CWA 311(d)(2)(G): Prepare a “schedule” identifying:
 - dispersants, other chemicals, and other spill mitigating devices and substances, if any, that may be used in carrying out the NCP,
 - the waters in which they may be used, and
 - the quantities which can be used safely in such waters
- EO 12777 delegates statutory authority to EPA Administrator
- Implemented under NCP Subpart J (§ 300.900)
 - The schedule includes the NCP Product Schedule, the Sorbents Product List, and the authorization of use procedures
 - Taken together these identify waters and quantities in which chemical or biological agent products may be used safely



***Listing Products on the NCP Product
Schedule or Sorbent Product List***
(§§ 300.915 – 300.970)



Listing Products on the NCP Product Schedule or Sorbent Product List (§§ 300.915 – 300.970)

- Revises general and technical information requirements.
- Amends and clarifies product categories
- Revises efficacy and toxicity testing protocols (Appendix C)
- Establishes efficacy and toxicity listing thresholds
- Specifies product listing to be for salt and/or freshwater environments (e.g., saltwater only for dispersants)
- Establishes a Sorbent Product List
- Revises allowable Proprietary Business Information claims
- Provides 2-year transition period for product resubmissions based on new testing/data requirements



General Product Information for NCP Product Schedule Listing and Sorbent Product List (§ 300.915(a))

Information required for all categories for which listing is requested includes:

- Name Brands
- Safety Data Sheets
- Storage and use conditions
- Shelf life
- Sample product labels
- Use Procedures
- Environmental persistence
- Physical and chemical properties
- All individual components
- Collection and recovery
- Pathogens and contaminants
- Laboratory accreditations
- Submission of all testing data and calculations
- Production capabilities
- Design for the Environment
- Any performance capabilities or environmental benefits data/certifications



Dispersant Testing and Listing Requirements - § 300.915(b)

Efficacy Testing & Listing Criteria

- Updated to baffled flask test method.
- New reference oil: Strategic Petroleum Reserve (SPR) Bryan Mound (BM).
- Listing Criteria: Effectiveness at the 95% lower confidence level (LCL_{95}) greater than or equal to: (i) 70% at 5 °C; and (ii) 75% at 25 °C.

Toxicity Testing & Listing Criteria

- Revised acute toxicity testing method (dispersant alone/dispersant + SPR-BM).
- New developmental & sub-chronic toxicity test method (dispersant alone).
- Listing Criteria (dispersant alone):
 - (i) median lethal concentration (LC_{50}) at the lower 95% confidence interval greater than 10 ppm;
 - (ii) inhibition concentration for 50% of the test species (IC_{50}) at the lower 95% confidence interval greater than 1 ppm; and
 - (iii) a subchronic No Observed Effect Concentration (NOEC) greater than 1 ppm.



Testing and Listing Requirements for Other NCP Product Schedule Categories

- Surface Washing Agents - § 300.915(c)
- Bioremediation Agents - § 300.915(d)
- Solidifiers - § 300.915(e)
- Herding Agents - § 300.915(f)

Sorbent Product List Requirements

- Sorbents - § 300.915(g)

Appendix C to Part 300 – Product Testing Protocols and Summary Test Data

- New dispersant effectiveness (baffled flask) and toxicity tests
- Revised bioremediation agent effectiveness test
- Revised standard acute toxicity tests for bioremediation agents, surface washing agents, herding agents, and solidifiers



NCP Product Schedule and Technical Notebook

- NCP Product Schedule
 - Lists chemical and biological agent products that may be considered by a Federal On-Scene Coordinator (OSC) to authorize for use when responding to oil discharges in accordance with the NCP.
- NCP Product Schedule Technical Notebook
 - Presents manufacturer's summary information on the conditions under which each of the products is recommended to be used, including handling and worker precautions, storage information, recommended application procedures, physical properties, and toxicity, effectiveness, or other analyses.

<https://www.epa.gov/emergency-response/national-contingency-plan-subpart-j>



Submission of Proprietary Business Information (PBI) ***(§ 300.950)***

- Updated “Confidential Business Information (CBI)” to “Proprietary Business Information (PBI)”.
- Includes reporting procedures and PBI claims limitations.
 - Submitters may only assert PBI claims for concentration, maximum, minimum, and average weight percent, and units of each component in the product.
 - All other information submitted to EPA for listing on NCP Product Schedule or Sorbent Product List will be available for public disclosure upon submission, without further notice to the submitter.



Addition of a Product to the NCP Product Schedule or Sorbent Product List (§ 300.955)

- Updated submission requirements
 - Submitter certification of information accuracy
 - EPA may request clarification, additional information or testing
- Provided a 90-day EPA review timeframe
- Updated process to request review of an EPA decision to reject a listing
- Updated requirements to notify EPA of listed product changes
 - Administrative (e.g., contact information, product name)
 - Reformulation (components and/or concentrations)
 - Requires new complete submission under a new, distinct name
- Transitioning to new NCP Product Schedule
 - by December 12, 2025



Mandatory Product Disclaimer, § 300.965

- Mandatory disclaimer text is codified
- The listing of a product on the NCP Product Schedule does not constitute approval or recommendation of the product.
- Any label, advertisement, or technical literature for products listed on the NCP Product Schedule must:
 - display the disclaimer in its entirety,
 - be conspicuous, and
 - be fully reproduced on all product literatures, labels, and electronic media including website pages.



Removal of a Product from the NCP Product Schedule or Sorbent Product List, § 300.970

- Revises listing removal process, providing example causes:
 - Statements or information that are misleading, inaccurate, outdated, or incorrect regarding the composition or use of the product
 - Alterations to the components, concentrations, or use conditions of the product without proper notification to EPA per the procedures outlined in Subpart J
 - Failure to print the disclaimer provided in § 300.965 on all labels, advertisements, technical literature, or electronic media
- Revises the appeals process to be like process for listing determinations.
- Subpart J does not prohibit product submitter from removal of their product from listing



Authorization for Agent Use (§ 300.910)



Authorization for Agent Use Regulatory Elements

- Use of agents on the NCP Product Schedule, or use of burning agents, addressed by a preauthorization plan, § 300.910(a)
- Use of agents on the NCP Product Schedule, or use of burning agents, not addressed by a preauthorization plan, § 300.910(b)
- Reserved, § 300.910(c)
- Temporary exception, § 300.910(d)
- Prohibited agents or substances, § 300.910(e)
- Storage and use of agents listed on the NCP Product Schedule, § 300.910(f)
- Supplemental testing, monitoring, and information, § 300.910(g)
- Recovery of chemical agents and other substances from the environment, § 300.910(h)
- Reporting of agent use, § 300.910(i)



Preauthorization of agents on the NCP Product Schedule or burning agents, § 300.910(a)

- Revises and clarifies the preauthorization development and approval process, responsibilities of involved parties, and factors to consider.
- Includes review procedures for preauthorization plans.
- Does not change the NCP's fundamental policies regarding roles of Federal, state, and local representatives involved in planning for and responding to an oil discharge.
- Addresses recommendations from the *National Commission on the BP Deepwater Horizon Oil Spill and Offshore Drilling* report and EPA's Inspector General report titled *Revisions Needed to National Contingency Plan Based on Deepwater Horizon Oil Spill* (Report #11-P-0534).



Preauthorization of agents on the NCP Product Schedule or burning agents, § 300.910(a), cont.

- Area Committees and RRTs shall address whether preauthorization is appropriate.
 - No mandate to develop preauthorization plans
 - OSCs may still request case-by-case agent use authorization under § 300.910(b)
- Area Committees and RRTs to include applicable approved preauthorization plans in ACPs and RCPs.
- Approved preauthorization plans allow an OSC to consider and authorize the use of agents on the NCP Product Schedule, or the use of burning agents, for the purpose they were specifically listed without obtaining incident-specific concurrences/consultations required under § 300.910(b).



Preauthorization of agents on the NCP Product Schedule or burning agents, § 300.910(a), cont.

Development - § 300.910(a)(1)

- Developed by the Area Committees or the RRT in consultation with the Area Committee(s).
- Must, at a minimum, specify limits for the quantities and duration of use, and use parameters for water depth, distance to shoreline, and proximity to populated areas for discharge situations identified in which agents may be used.
 - RRTs may include additional criteria in defining the plan's scope.
- Should document how regional and logistical factors were addressed when establishing use limits and parameters.
 - Examples include likely sources/types of oil, environmentally sensitive resources, storage locations and manufacturing capability of available agents.



Preauthorization of agents on the NCP Product Schedule or burning agents, § 300.910(a), cont.

Approval - § 300.910(a)(2)

- Reviewed, and either approved, approved with modification, or disapproved by:
 - EPA representative to the RRT,
 - Department of Commerce and the Department of the Interior natural resource trustees, and
 - RRT representative from the state(s) with jurisdiction over waters and adjoining shorelines within the preauthorization plan area, as appropriate
- RRTs and ACs should expeditiously begin their reviews.
- Withdrawal of preauthorization plan approval
 - ACs and RRTs must address the withdrawal within 30 days; RRT must notify the National Response Team (NRT) of final status within 30 days of withdrawal.



Agent use not addressed by a preauthorization plan, § 300.910(b)

- Authorization of use determinations are made for each individual discharge with consideration of the incident specific conditions and must be consistent with CWA section 311(d)(2)(G) and the Subpart J regulations.
- Maintains same authorization structure: The OSC may authorize the use of chemical or biological agents identified on the NCP Product Schedule on an oil discharge provided they obtain:
 - Concurrence of the EPA representative to the RRT
 - Concurrence of the RRT representatives from jurisdictional states, as appropriate, and
 - Consultation with the DOC and DOI natural resource trustees.
- Authorization of products for the purpose they were specifically listed



Preauthorization of agents on the NCP Product Schedule or burning agents, § 300.910(a), cont.

Reviews - § 300.910(a)(3)

- RRT in consultation with the ACs must review, and revise as needed, approved preauthorization plans.
- Reviews must be conducted following a regular timeframe established by the RRT and documented in the plan, including at a minimum:
 - After major discharges or a Spill of National Significance (SONS) relevant to the plan area,
 - To address revisions of the NCP Product Schedule for agents that may be individually listed within a plan; and,
 - To reflect new threatened and/or endangered species applicable to the plan area.



Agent use not addressed by a preauthorization plan, § 300.910(b), cont.

For an authorization request to the RRT, the OSC:

- Must consider, at a minimum, parameters for the use of agents including the quantities requested to be authorized, the duration of use, the depth of water, the distance to shoreline and proximity to populated areas.
- Should consider and document factors such as environmentally sensitive resources or restricted areas that might be impacted, agent inventory and storage locations, agent manufacturing capability, availability of equipment needed for agent use, availability of adequately trained operators and appropriate means to monitor agent use in the environment.
- Must document parameters for use.



Reserved, § 300.910(c) – formerly burning agents

- The final action reserves § 300.910(c) to maintain structural organization of the regulation that is familiar within the response community.
- Authorization of use of burning agents are now incorporated into the requirements under § 300.910(a) and § 300.910 (b):
 - § 300.910(a) maintains preauthorization approach to address burning agents, and
 - § 300.910(b) incorporates burning agents in case-by-case authorization.



Temporary exception, § 300.910(d)

- Clarifies intent – only applicable in unforeseen circumstances ***to prevent or substantially reduce an imminent threat to human life that cannot be immediately addressed by other procedures or provisions of the NCP***
 - When applicable, exception allows OSC to authorize the use of any chemical or biological agent, whether it is identified or not on the NCP Product Schedule, without obtaining required concurrences or consultations
- The OSC must document the circumstances and the reasons for use of the agent.



Temporary exception, § 300.910(d), cont.

- Agent use under this exception shall be in accordance with § 300.910(a) or § 300.910 (b) no later than 24 hours after initial application.
 - Not a substitute for compliance with § 300.150 worker health and safety provisions, including personal protective equipment use,
 - Not to be used when there is sufficient time to seek authorization in accordance with § 300.910(a) or § 300.910 (b)
- OSC must notify as soon as possible the EPA RRT representative and as appropriate, the RRT representatives from the affected state(s) and the DOC and DOI natural resource trustees.
- Does not affect other authorities available to an OSC under the NCP, such as ordering evacuations or repositioning equipment and personnel.



Prohibited agents or substances, § 300.910(e)

Sinking Agents

- Maintains prohibition for use of sinking agents.
- Consistent with provision under § 300.310(b) of NCP (Subpart D).
- Clarifies sinking agent prohibition applies to any chemical agent, biological agent, or any substance that is used to directly sink the oil to the bottom of a water body.
 - Avoids potential confusion with the use of other chemical and biological agents (e.g., dispersants).



Storage and Use of Agents Listed on the NCP Product Schedule, § 300.910(f)

- Requires storage in accordance with conditions specified for listing
 - maximum, minimum, and optimum temperature, humidity, and other relevant conditions for product storage
 - anticipated shelf life at recommended storage conditions
- Focuses on responder and OSC use of this information.
- Section 300.910(f)(1)
 - OSC may only authorize NCP Product Schedule listed products documented and certified by the RP or its representative to have been stored under the submitter specified conditions; and
 - Whose date of use does not exceed the expiration date on the container's label at the time of the incident, unless otherwise specified for expired products.



Storage and Use of Agents Listed on the NCP Product Schedule, § 300.910(f), cont.

Section 300.910(f)(2)

- Adds flexibility
- OSC may authorize for use products past their expiration date when the RP/representative documents and certifies:
 - Expired product has been stored under the conditions provided by the submitter for listing.
 - Expired product meets applicable efficacy and toxicity listing provisions based on testing representative samples within previous 12 months.
- Voluntary provision in that it does not require expired products to be retested but is an option for the responsible party if they want an OSC to be able to authorize their use.



Supplemental testing, monitoring, and information, § 300.910(g)

- For both planning and response – RRT may require supplemental toxicity and efficacy testing, or submission of available data and information that addresses site, area, and ecosystem-specific concerns relative to the use of any chemical or biological agent.
- For response – Product manufacturer or responsible party shall provide, upon RRT or OSC request, additional monitoring or testing data and information.
- Discretionary provision
 - Recognizes that existing data or information may be available
 - Aims to provide incident-specific information to inform a response (e.g., concurrence, consultation)



Recovery of chemical agents and other substances from the environment, § 300.910(h)

- RP to ensure removal actions adequately contain, collect, store, and dispose chemical agents and other substances that are to be recovered from the environment, unless otherwise directed by the OSC.
 - Chemical agents and other substances to be recovered include solidifiers, sorbents, and surface washing agents.
- OSC should, at a minimum, consider factors such as the safety of response personnel and harm to the environment in making recovery-related determinations.
 - RRTs and OSCs may consider these factors when determining whether and under what conditions to authorize their use.



Reporting of agent use, § 300.910(i)

RRT Notification of Agent Use - § 300.910(i)(1)

- OSC to notify the RRT within 30 days of completion of agent use:
 - Product name, product category, the quantity and concentration used, the duration and locations of use, any available data collected, and any available analyses of efficacy and environmental effects.
- Information may be submitted as part of the OSC reports under § 300.165, as applicable, subject to the 30-day timing requirement.
 - Section 300.165 – NCP provision for the OSC/RPM to submit to the NRT or RRT a complete report on the removal operation and the actions taken upon request.



Reporting of agent use, § 300.910(i), cont.

Public Notification of Agent Use - § 300.910(i)(2)

- OSC provides notification to the public and updated information during a response as appropriate:
 - Product name, product category, quantity and concentrations used, duration of use, and location(s) of use.
- OSC establishes the initial notification timeframe.
 - Public notification may occur, for example, through coordination with the RRT and posting on their website, as appropriate.



NCP - Appendix E & 40 CFR Part 110.4

(Appendix E & § 110.4)



Appendix E and 40 CFR Part 110.4

Appendix E to Part 300 (Oil Spill Response) – Removed

- Removed duplicative guidance on oil spill response.
 - Appendix E does not alter meaning or policy stated elsewhere in NCP.
 - As part of the CFR, it must be updated to reflect amendments to the NCP.

40 CFR 110.4

- Revised title and text under to be consistent with the Subpart J amendments.
 - The addition of any chemical or biological agent, or any other substance, to oil to be discharged that would circumvent the provisions of this part is prohibited.



Final Action Key Dates

- EPA Administrator Signature - May 31, 2023
- Published in the Federal Register - June 12, 2023 (88 FR 38280)
- Effective Date - December 11, 2023
 - For existing plans, RRTs should establish and document the timeframe for plan review and any necessary updates by December 11, 2023.
- NCP Product Schedule Transition Period Ends - December 12, 2025
 - Two years from the Effective Date





Arkansas Department of Energy and Environment (ADEE)

Stephen Ratley



ARKANSAS
ENERGY & ENVIRONMENT



Role	RRT Member	Agency	Contact Info
Primary	Stephen Ratley	ADEE	Stephen.Ratley@adeq.state.ar.us 501-682-0716
Alternate	Zack Smalling	ADEE	Zack.Smalling@adeq.state.ar.us 501-353-9244
Primary	Mark McEntire	ADEM	Mark.Mcentire@adem.arkansas.gov 501-258-2147
Alternate	Vacant	ADEM	
Primary	Ashley Whitlow	ADH	Ashley.Whitlow@arkansas.gov 501-280-4041
Alternate	Chris Hemann	ADH	Chris.Hemann@arkansas.gov 501-614-5227



ARKANSAS
ENERGY & ENVIRONMENT



Overview

- Eclipse planning
- HB 1765/ACT 840 guidance
- PFAS Update
- Energy Resource Planning
- Lithium



ARKANSAS
ENERGY & ENVIRONMENT



Overview

- ADEM Training 43 EM Classes, 806 students – 2022
- ADEM Training 44 EM Classes, 781 students – YTD 2023
- ADEM Training 125 HazMat Classes, 2,098 students – 2022
- ADEM Training 22 HazMat Classes, 454 students – YTD 2023



Energy and Environment - DEQ

Incident Category	Total
Total # Incidents (May 5, 2023 – October 24, 2023)	191
# Referred to DEQ Regulatory Programs	21
Environmental Media/Program Impacted	Total
# Water	92
# Air	20
# Hazardous Waste	41
# Regulated Storage Tanks	3
# Solid Waste	1
# Multimedia	57
# Complaints	837
# NRC	41

Outlook

Training

Description	Dates
HAZWOPER 8-hr refresher	February 2024
ADEM ESF trainings	Ongoing
WebEOC trainings	Ongoing

Exercises/Workshops

Description	Dates
ADEM exercises	Multiple
Solar Eclipse workshop	November 8th
Union Pacific exercise	November 28th

Fed/State/Local planning and coordination efforts

Description	Dates
4H Construction, Fort Smith	Ongoing
Anthony Timberlands, Malvern	Ongoing
SERC/ REPC	TBA



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

Stephen Connolly



Role	RRT Member	Agency	Contact Info
Primary	Stephen Connolly	State of NM Environment Dept.	505-470-8495 stephen.connolly@env.nm.gov
Alternate	Aaron Coffman	State of NM Environment Dept.	505-690-5211 aaron.coffman@env.nm.gov
Primary	Craig A Tucker	State of NM DHSEM	505-280-6664 craig.tucker@dhsem.nm.gov
Alternate	Zach Wachter	State of NM DHSEM	505-250-7397 zach.wachter@dhsem.nm.gov



Overview

- NMED and NMDHSEM continue to build bridges to better coordinate public drinking water emergencies, information sharing, and jointly meeting the requirements of the America's Water Infrastructure Act of 2018 with quarterly meetings planned.
- NMED'S Drinking Water Bureau released new *Emergency Response Information for Public Water Systems in New Mexico* as a Storymap on our website. All public water systems were sent an email about the existence of this new resource.
- Revision of the Enforcement Response Policy is ongoing as progress in enforcement actions increase in our Hazardous Waste Bureau's C&TAP Program.
- Creating a simple one-stop-shop "toolbox" of resources for local municipalities to use in responding to an emergency, including criminal and natural incidents.

Accomplishments



New Mexico Planning and Coordination Efforts	
Description	Dates
Over 23,000 Tier 2 facilities were reported in 2022	June 2023
Overseen the remediation of 46 spills/releases since last meeting	May – October 2023
Worked to finalize State Hazard Mitigation Plan	August 2023
Participated in bi-weekly meetings on Fire Response	Ongoing
Participated in bi-weekly meetings on Flood Response	Ongoing
Participated in weekly Lines of Effort meetings with FEMA, regarding ongoing recovery from last year's fires and floods.	Ongoing
Participated in Border 2025 Emergency Preparedness and Response Policy Workgroup Public Meeting	June, August and October 2023



Overview

- NM State Agencies are coordinating to implement the American Intercoastal Waterways Act (AIWA) by incorporating water source protection areas into decision support and notification software – eventually providing near-real time notice of a hazardous material spill that would impact a specific water source.
- NMED's new Emergency Response Coordinator for Water Resources will be attending FEMA's National Emergency Management Basic Academy beginning in November 2023.
- The New Mexico SERC is once again fully staffed- Jos Lescher has been appointed chair; The Hazardous Materials Safety Board subcommittee will be meeting again soon.
- Working with LEPC's to incorporate Tribal concerns and increase involvement with Tribes and Pueblos.



Oklahoma Department of Environmental Quality (ODEQ)

Jennifer Handley



Oklahoma

Role	RRT Member	Agency	Contact Info
Primary	Jennifer Handley	DEQ	jennifer.handley@deq.ok.gov
Alternate	Bruce Vande Lune	DEQ	Bruce.VandeLune@deq.ok.gov
Alternate	Clifton Hoyle	DEQ	clifton.hoyle@deq.ok.gov
Primary	Shimeka Mack	ODEMHS	shimeka.mack@oem.ok.gov
Alternate	Bill Penka	ODEMHS	bill.penka@oem.ok.gov
Alternate	David Ball	ODEMHS	david.ball@oem.ok.gov
Primary	Michael DeRemer	OSDH	MichaelD@health.ok.gov
Alternate	Scott White	OSDH	ScottW@health.ok.gov



Key Personnel Changes

Oklahoma

Agency	Role	Incoming Name	Outgoing Name
DEQ	Alternate	Bruce Vande Lune	Ashley Sebree
ODEMHS	Primary	Shimeka Mack	Bonnie McKelvey
ODEMHS	Alternate	Bill Penka	n/a
ODEMHS	Alternate	David Ball	n/a



Ongoing Response

Oklahoma

Event:

4/19 – 4/20/2023 Storms/Tornadoes
DR-4706-OK

Damage:

5 counties affected, 3 fatalities and 185 injuries,
6 PWS facilities and 3 WWT facilities affected

Ongoing
Issues:

Recovery continues
All PWS and WWT facilities returned to normal operations
25 Tier II facilities contacted, no spills/releases reported
13 new debris sites approved, 16 sites used, 9 sites still
active



Norman
storm



Shawnee
track



Shawnee
damage



Metrics/Trends/Challenges

Oklahoma

Since the last meeting...

DEQ complaints

1,618

DEQ spills

159

DEQ fish kills

44

Referred complaints & spills

156



Historical refinery



1995



2023



Accomplishments

Federal, State, and Local Planning and Coordination Efforts, Trainings, and Exercises/Workshops

Description	Dates
EPA/OCC/DEQ Seep/Purge Monitoring	On-going
Harmful Algal Bloom/Fishkill Standardization Training	May 9 & 16, 2023
Multi-agency <i>Naegleria fowleri</i> /Amoebic Encephalitis Outbreak	May 16, 2023 – June 1, 2023
OK Nuclear/Radiological Incident Annex Workshop	June 8, 2023
OK EOC and Disaster Recovery Coordination	June 14, 2023 and on-going
Hazwoper project	On-going
WebEOC Resource Inventory Deployment Training	August 31, 2023
ODEMHS and DEQ CDBG-DR Meeting	September 5, 2023
FEMA RISC Meeting	October 11 – 12, 2023

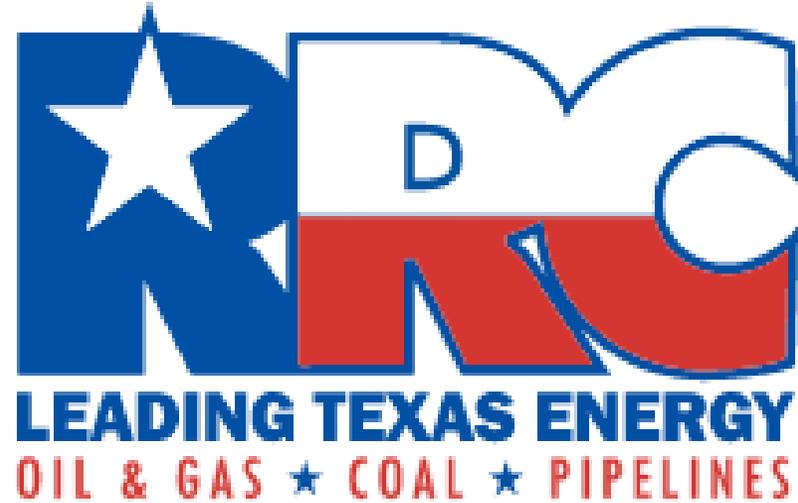


Outlook

Federal, State, and Local Planning and Coordination Efforts, Training, and Exercises/Workshops

Description	Dates
EPA/OCC/DEQ Seep/Purge Monitoring	On-going
OCC/DEQ Class VI Injection Well Primacy	On-going
NUC/RAD FEMA Planning	On-going
Eclipse Planning and Response	On-going – April 8, 2024
Four Corners Emergency Management Conference	December 4 – 6, 2023
Oklahoma Emergency Management Conference	March 4 – 8, 2024
FEMA supported TTX	Spring 2024
State Hazard Mitigation Plan Updating	Due for completion 2024





Railroad Commission of Texas (TRRC)

Peter Pope

Overview

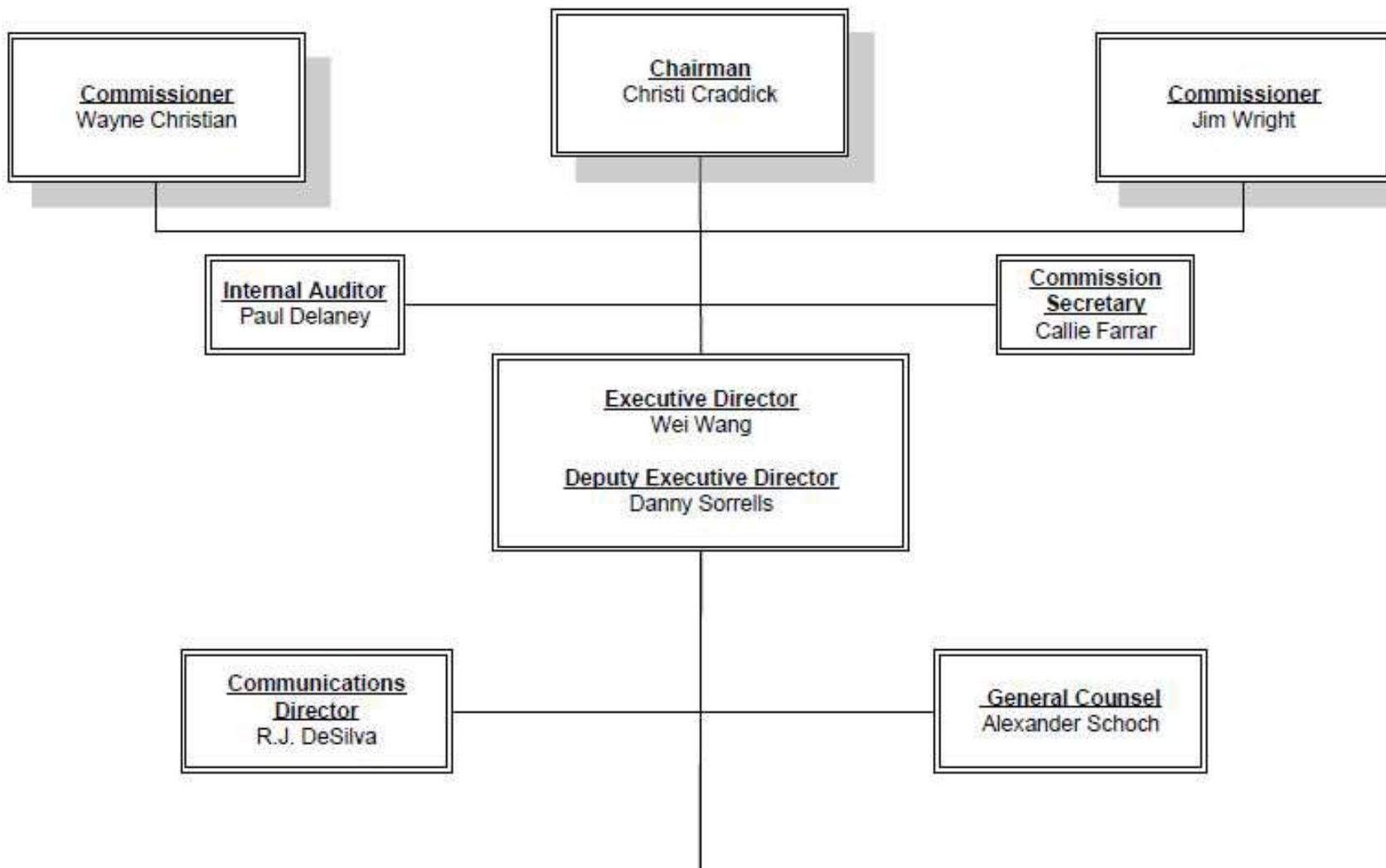
- Personnel and Organizational Chart - Review
- Regulatory Updates
- Performance Metrics
- Emergency Cleanup Activity Briefing



Railroad Commission of Texas – Personnel Updates

Role	Name/Position	Division/Section	Contact Info
Primary RRT Representative	Peter G. Pope, Manager	Oil & Gas – Site Remediation – Field Operations	512-463-8202 peter.pope@rrc.texas.gov
Alternate RRT Representative	Melissa LaSalle, Engineering Specialist	Oil & Gas – Field Operations	512-463-6799 melissa.lasalle@rrc.texas.gov
Emergency Operations	Chance Karshens, Safety Officer	Critical Infrastructure	512-463-7318 chance.karshens@rrc.texas.gov
Emergency Operations	Eddy Lanfranco, Safety Officer	Critical Infrastructure	512-463-7004 eddie.lanfranco@rrc.texas.gov

The Railroad Commission of Texas – Overview



Critical Infrastructure
Jared Ware

Assistant Executive Director
Randall Collins

Human Resources Director
Wendy O'Neill

Information Technology Services
Brandon Harris, Information Resources Manager, CIO

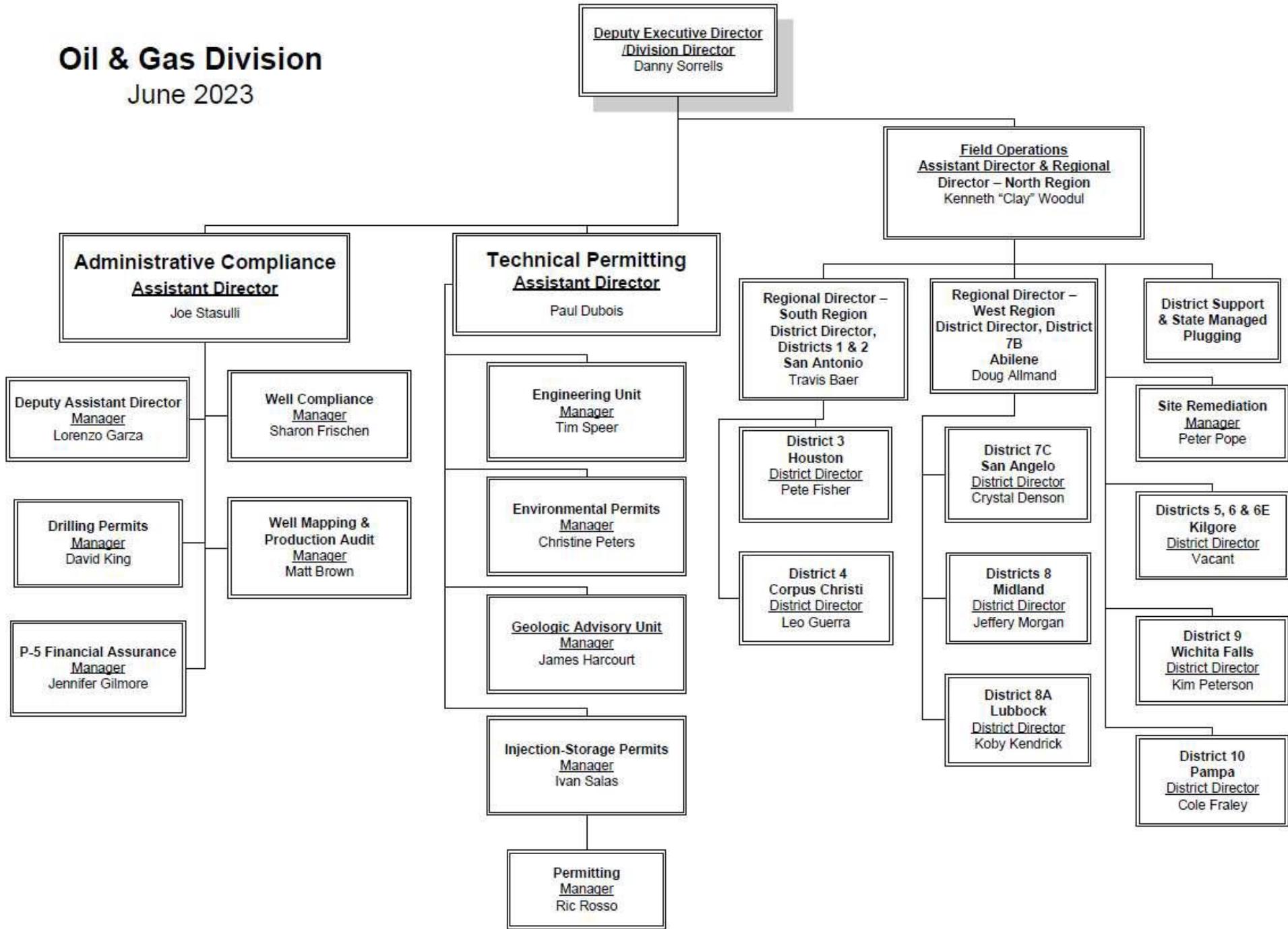
Oil & Gas Director
Danny Sorrells

Assistant Executive Director/ Oversight & Safety Director
Kari French

Financial Services
Pamela Darden, CFO

Oil & Gas Division

June 2023



Laws/Regulations/Policies

Rule 8 Revision

16 Texas Administrative Code (TAC) §3.8 (relating to Water Protection), also known as Statewide Rule (SWR) 8.

Four reasons:

1. Dated information – bring matters of standard practice into the Rule.
2. Legislative Requirements – permissible locations for pits, fluid waste recycling, drill cutting recycling
3. Produced water recycling
4. Modernize text

Receiving informal comments through November 3.

Laws/Regulations/Policies

NEW: Environmental Permits – Compliance Team

- Focus on compliance and monitoring – report review and inspection
 - non-commercial pits and landfarms,
 - commercial disposal, recycling, and reclamation facilities.
- Additional Staff – lightens the workload for permit application reviewers
- Establish consistent standards of quality for technical reporting
- Inspect facilities
- Issue Notice of Violation (NOV) letters

Staff:

Jason DeBord – Manager (512-463-7391)

Cassandra Quiroz Cassandra.quiroz@rrc.texas.gov

Samantha Raiford Samantha.raiford@rrc.texas.gov

Alisa Patterson Alisa.patterson@rrc.texas.gov

Outlook

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Annual Hazwoper 8-hr Refresh	On-line and in-person	March 2024 or as otherwise needed



Metrics/Trends/Challenges

Texas

FY 24 Oilfield Cleanup Program Work Plan

Plugging

Goal - 1,800 plugged wells (1,000 IJA, 800 OGRC)

Performance – 281 as of 10/30/2023

Cleanup

Goal - 400 completed activities (200 IJA, 200 OGRC)

Performance – 26 as of 10/30/2023



Well Site – Luling Texas – Residential Area

Date:	October 21, 2023
Type and amount of product spilled:	Crude oil and produced water. 180 bbl.
Cause of spill:	Hole in Gun Barrel water leg. Owner/operator alleged vandalism.
Key operational activities:	Operator failed to take appropriate action. Rainfall mobilized oil. RRC assumed control, placed affected soil on plastic liner with berm and plastic cover, pressure wash oil on paved road, rainfall mobilized oil. Containment booms, bell hole vacuum truck. Clean up ongoing.
Agencies Involved:	RRC, Local FD and emergency personnel.
Major lessons learned/Challenges:	Challenges – ineffective containment berm, stripper well (low yield) cleanup was cost prohibitive for operator; however, operator now wants to take over cleanup to try to control costs.





Well Site – Luling Texas – Residential Area





Well Site – Luling Texas – Residential Area





Well Site – Luling Texas – Residential Area





Well Site – Luling Texas – Residential Area





Texas General Land Office (TGLO)

Brent Koza



Role928	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

Texas Land Commissioner
Dawn Buckingham, M.D.

Chief Clerk
Mark Havens

Deputy Land Commissioner
Jennifer Jones

Sr. Deputy Director Coastal Protection
David Green

Deputy Director Oil Spill
Jimmy A. Martinez

Project Manager,
Gloria Maynard

Project Manager
Santana Ramirez

Upper Texas Coastal Zone – Jeffrey Davis
Region 1 – Eric Robertson
Region 2- Jesse Mayorga
South Texas Coastal Zone – Raymond Oliveira
Region 3- James Duenes
Region 4- Michael Janskowski
Region 5- Tony Belton

Public Outreach & NDOW Coordinator
Austin Dulany

R&D Scientific Support
Brent Koza

DVS Coordinator/Cost Documentation
Michelle Castilleja

Compliance and Enforcement Coordinator
D'Anne Stites*

Preparedness & Prevention Coordinator
Bruce Simons

Vessel Operations Coordinator
Craig Cook
(La Porte)

Upper Texas Coastal Zone Regional Director
Jeff Davis

Admin Assistant
Season Reeves

South Texas Coastal Zone Regional Director
Raymond Oliveira

Admin Assistant
Alejandra Rivas

Nederland, Reg 1 Manager
Eric Robertson

La Porte, Reg 2 Manager
Jesse Mayorga

Response Officers
Jami Brown
Ron Gaspard
Ryan Lytle
Ricardo Saldana Jr.
Veronica Sealy

Response Officers
Kurt Adams
Jordan Binkley
Rob Hadley
Wes McDaniel
Gray Powell
Paula Saltzman
Tyler Swanson
Trey Trahan

Corpus Christi, Reg 3 Manager
James Duenes

Response Officers
Marshall Hawkins
Daniel Davis
Frank McDaniel
Tim Moebius
Albert Oswald
William Thompson
Trey Thumann

Brownsville, Reg 4 Manager
Michael Janskowski

Response Officers
Troy McWhorter
Zeke Navarro
Gonzalo Pena

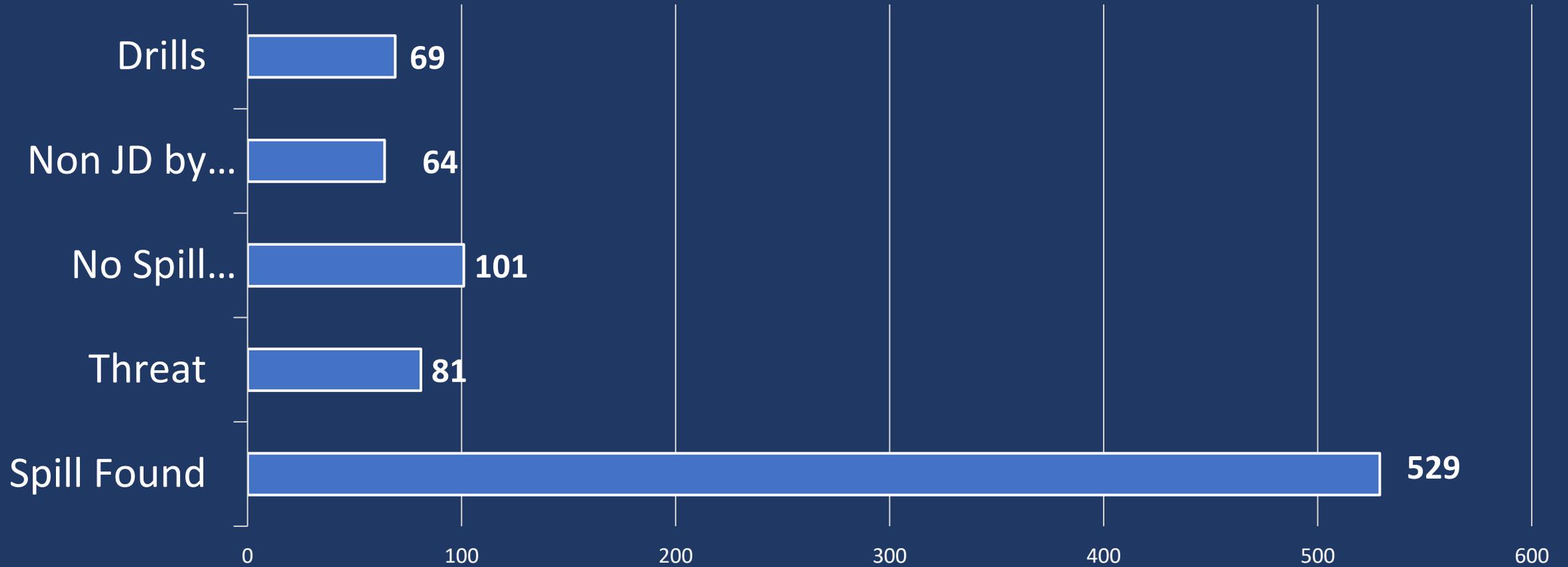
Port Lavaca, Reg 5 Manager
Tony Belton

Response Officers
Robert Koch
Doreen Mata
Rusty Moon

Admin. Assistant
Amanda Marek



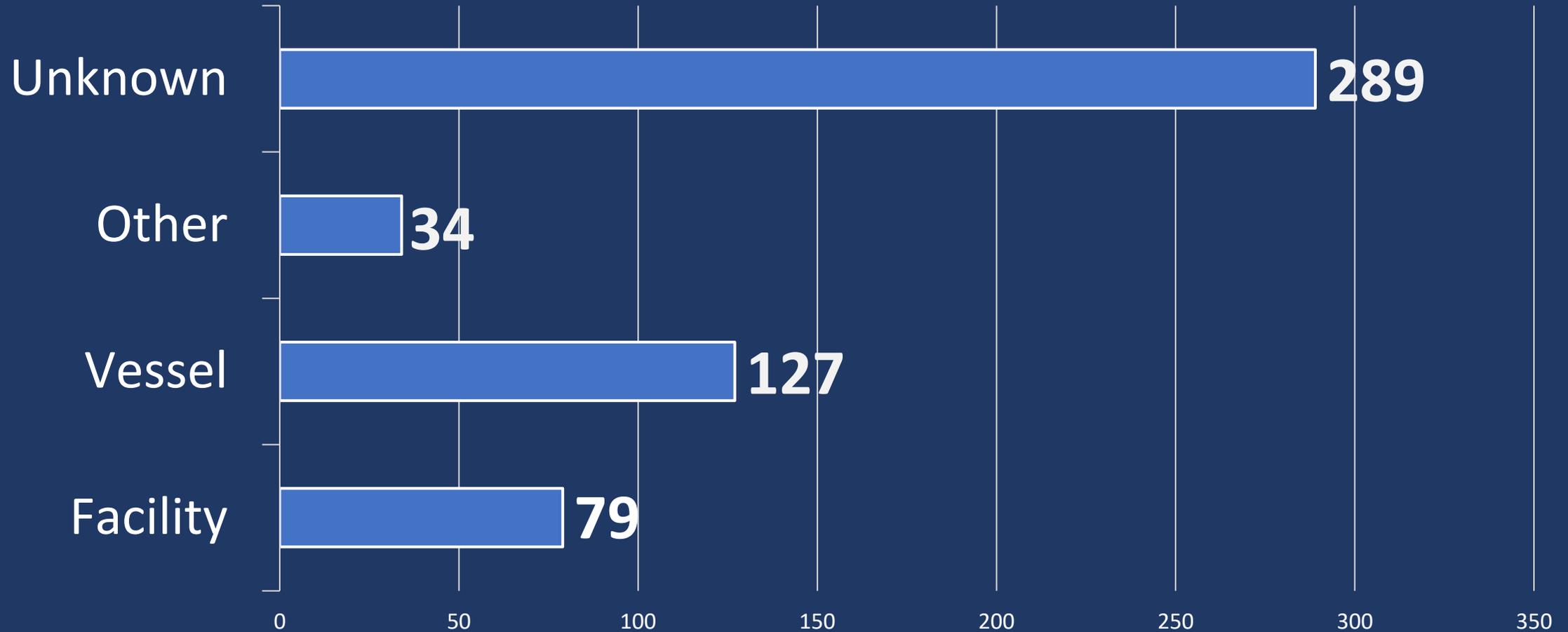
Oil Spill Responses FY 2023



844 total responses, including drills and exercises



Oil Spill Sources FY 2023



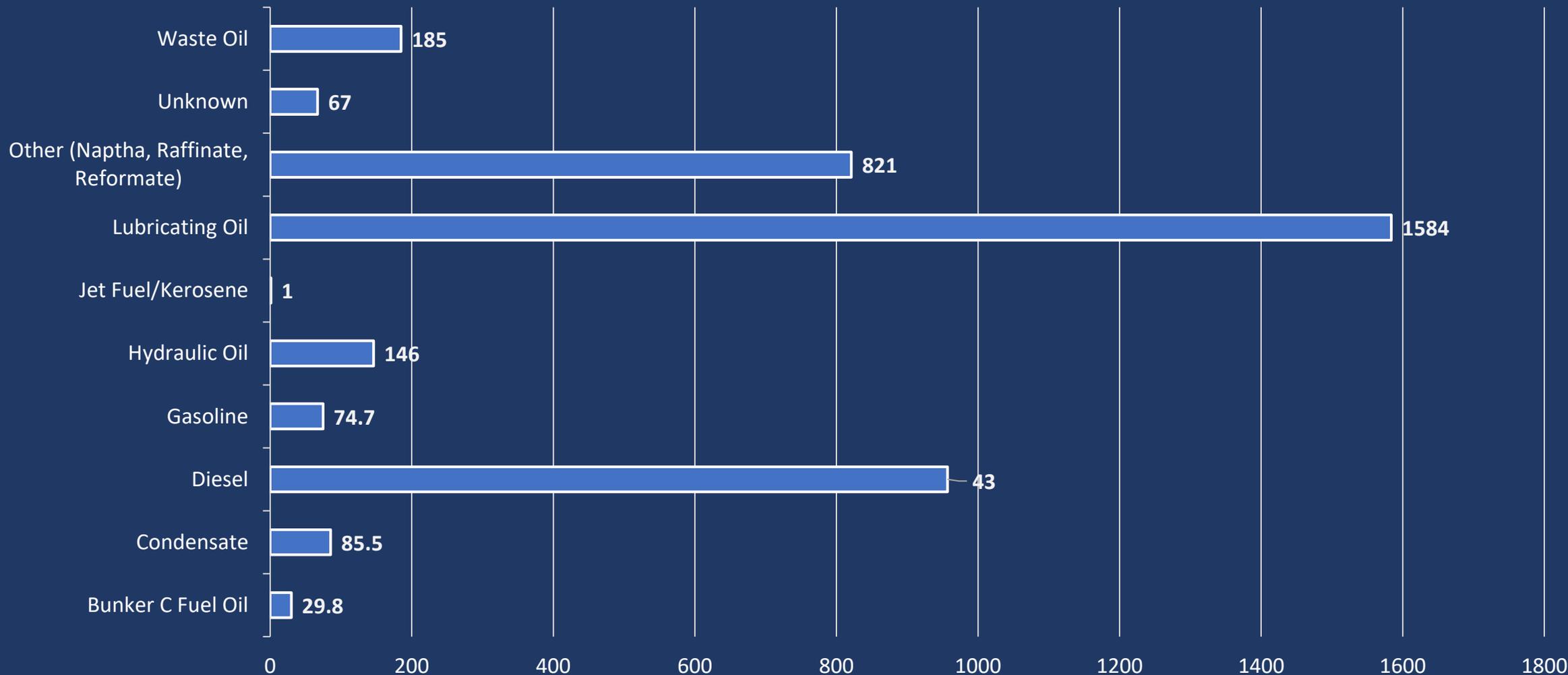
Based on 529 Spill Found

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





Oil Spill Product Spilled FY 2023

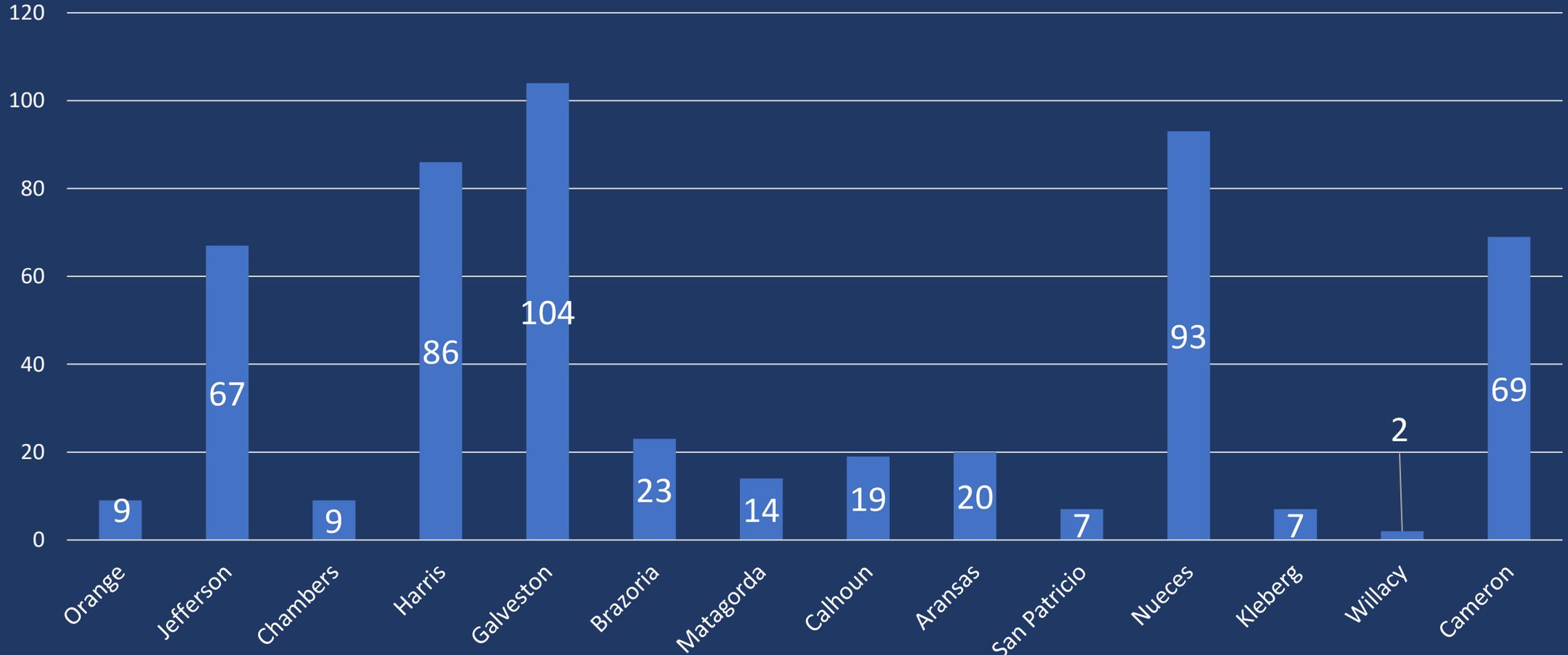


¹ Amounts represented GALLONS

² CRUDE OIL = 19,518 GALLONS



Oil Spill Program Spill Locations by County FY 2023



Based on 529 Spill Found



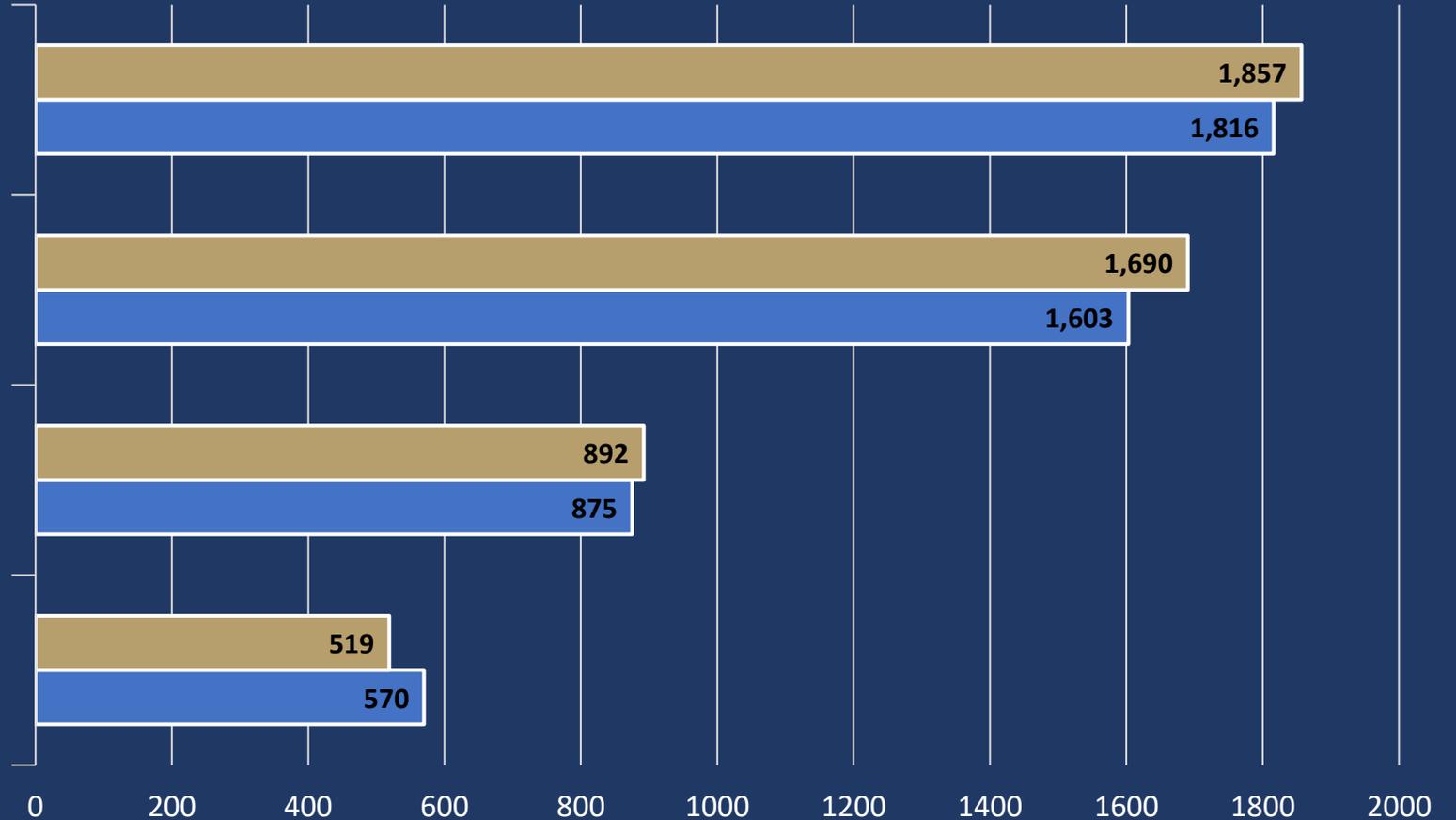
Oil Spill Prevention Activities & Targets FY 2023

Shore & Water Patrols

Vessel Activities

Facility Activities

Certified Facilities



■ FY 2023

■ Target



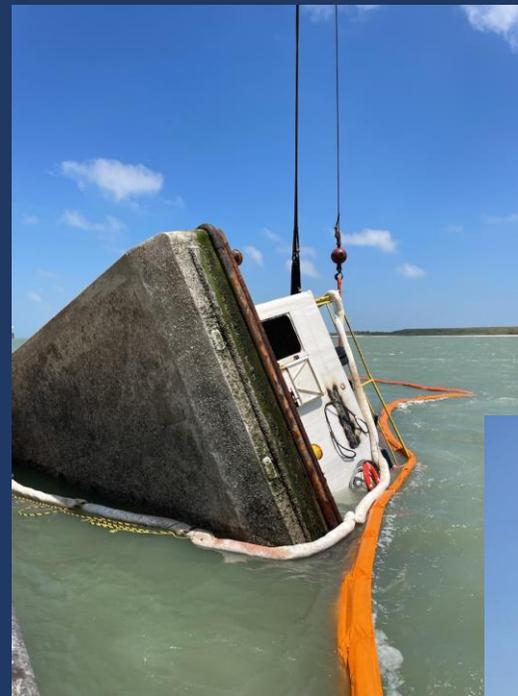
Incidents of Interest

- **March 31, 2023 – M/V Sea Cypress, Sabine Pass**
 - M/V Sea Cypress sank while moored to barges on Louisiana side of Sabine Pass Channel. Quick rescue efforts by the Sea Cypress crew and assistance from USCG Sabine Pass resulted in no injuries and only a slight sheen in Louisiana water. Vessel tanks were secured, the tug was boomed and strapped and initially towed to Sabine Pass. The Sabine Pass Channel was briefly closed for the incident and

- **August 9, 2023 – Anchor Barge Sinking, Corpus Christi Ship Channel, Nueces/San Patricio Counties**
 - At 10:00 am, an anchor barge holding approx. 150 gallons of diesel capsized in the Corpus Christi Ship Channel near Ingleside, TX. The barge was secured to the main dredge and then removed. The CC Ship Channel was closed and incrementally opened to allow smaller vessels to transit near the incident site. A salvage plan was approved and the spill threat removed by late afternoon on August 10th.



**M/V Sea Cypress
Sabine Pass**



**Corpus Christi Anchor
Barge Incident**





Oil Spill Vessel Removal Activity FY 2023

The Oil Spill Program continues to support derelict vessel removals to rid coastal areas of pollution sources, environmental and navigational hazards through VTIP events, oil spill program resources and contracted removals.



Vessel Turn In Program Events (VTIP) – Voluntary partnerships program with participating cities, counties, state agencies and local businesses that allow owners to bring unwanted vessels to local turn in events at no cost.

VTIP Program Update

- **8** VTIP Events conducted during FY 2023
- **36** VTIP Events conducted for program duration
- **306** Vessels relinquished during FY 2023
- **1,441** Vessels relinquished for program duration
- **23,345** Linear feet disposed
- **2,433** Gallons of fuel/oil recovered





Derelict Abandoned Vessel Program - Oil Spill uses administrative authority to remove eligible vessels with existing program resources, including staff and equipment, and external funding as available.

County	# Removed	Total Footage Removed
Orange	8	151
Jefferson	8	140
Chambers	2	33
Harris	4	97
Galveston	7	254
Brazoria	5	203
Matagorda	1	35
Calhoun	2	98
Refugio	1	14
Aransas	1	25
San Patricio	4	75
Nueces	2	30
Kenedy	5	104
Willacy	1	20
Cameron	1	37
Total	52	1316

Harris Co.



Brazoria Co.



Galveston Co.

San Patricio Co.



Upcoming - Gulf of Mexico Alliance Partnership for Derelict Vessel Removal

- The General Land Office Oil Spill program is partnering with the Gulf of Mexico Alliance (GOMA) to remove 22 derelict vessels from Texas coastal waters.
- The project is made possible by the NOAA Marine Debris Program with support from the Bipartisan Infrastructure Law. The competitive funding opportunity focused on two priority areas:
 - Removing large marine debris, such as abandoned and derelict vessels and derelict fishing gear
 - Use of proven interception technologies such as trash and litter booms and monofilament collection devices to secure marine debris.
- The Oil Spill program will be teaming with Mississippi and Alabama for vessel removals in Galveston, Harris, Brazoria and Orange counties.
- Specific vessels are still being evaluated but the agency is assured 22 vessels will be removed. Under consideration:



Orange County – 263' Tank Barge



Harris County – 50' Tug

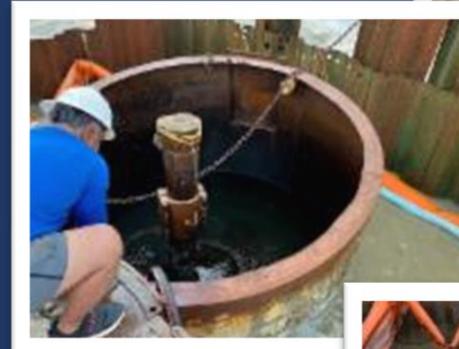
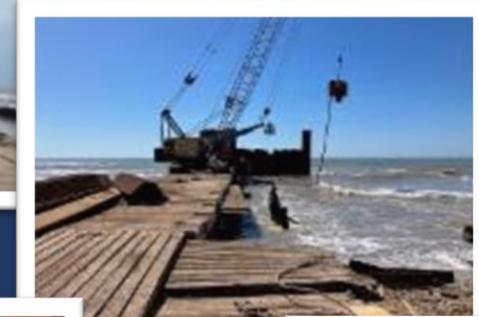


Brazoria Co. – 20' Fiberglass R/V



Bolivar Peninsula Wellhead Repair

- On March 12, 2023, Oil Spill personnel at the Nederland and LaPorte offices responded to a leaking well located in the surf zone on Bolivar Peninsula where a corroded abandoned wellhead had discharged oil into the Gulf of Mexico at Crystal Beach.
- Oil Spill personnel contacted the Texas Railroad Commission who coordinated an emergency well plugging.
- The area required an extensive amount of site preparation, heavy machinery and equipment as well as construction of a temporary jetty.
- Once a work rig was safely in place, repair personnel securing the well drilled more than 7,000 feet down to properly plug the well.
- Oil Spill personnel from the Nederland office regularly patrolled the site and monitored for new oil. After nearly four months, the well secured and restoration of the area was completed.





Update: Orphan Well Aging Infrastructure Cleanup

The GLO initially identified 186 orphan wells in Texas coastal bays for removal.

Oil Spill field teams conducted site assessments of the wells using a customized ArcGIS Field Map application.

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

Oil Spill Austin staff analyzed the field data to quantify environmental sensitivity (proximity of the wells to wildlife refuges, sensitive habitat, shorelines and public parks) and examined spill history to assign a plugging prioritization score.

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

The GLO is contributing \$10 million dollars to the RRC Oil & Gas Regulation Cleanup Fund to support orphan oil and gas well plugging in Trinity Bay.

The GLO and RRC have signed a Memorandum of Agreement and will develop a timeline for well plugging and associated platform removal.





Update - Laws/Regulations/Policies FY 2024 Derelict Vessel Removal Authority Partnerships

The Oil Spill Prevention and Response Act allows the *General Land Office* to remove and dispose of vessels that

- *are involved in an oil spill;*
- *a threat to the public's health, safety, welfare or the environment;*
- *a navigation hazard.*

ISSUE: The Oil Spill program has authority to remove a vessel but does not have appropriated resources.

Conversely, a local organization or government entity may have resources to pay for the removal, but the local entity doesn't have the legal authority to do so in state law or local ordinance.

SOLUTION: When conditions warrant, the Oil Spill Program has created procedures to establish partnerships designating agency authority to remove derelict and abandoned vessels to governmental and non-governmental entities.

- The GLO may enter partnerships with organizations who don't have specific legal authority but are willing to assume costs to remove and dispose of vessels that meet the GLO's removal criteria.
- The Oil Spill program will fulfill the documentation and public notice process required to establish ownership and facilitate OSPRA requirements.
- The partnering entity removes the vessel(s) using their available resources, generally by paying contracted vessel salvagers.

NOTE:

The GLO Oil Spill program's agreement is with the sponsoring entity – NOT with the removal vendor.

Spill prevention and response requirements are still enforced.

Partnering entities are responsible for obtaining their own local legal guidance and approvals.



Update - Research and Development FY 2024 Awards

FY 24 – 25 Funded Research Projects:

- Tar ball Classification and Pyrolysis
- Improvements to TABS Infrastructure Integration & Power Efficiency
- Advancing TXLA Oil Spill Forecast using R-CESM with Data Assimilation
- Advancing UAV Ocean Observations for Oil Spill Response & Modeling
- Connectivity Phase II Coastal Monitoring Buoys
- An Integrated System with UAV and USV for Oil Spill Detection and Sampling
- Canine Oil Detection
- Texas ESI Mapping, Updating Priority Protection Areas, and Leveraging UASs



Accomplishments
Completed and Upcoming Preparedness and Prevention Events
Federal, State and Local Planning Efforts
April, 1, 2023 – November 7, 2023

Description	Location	Dates
BOE Exploration Production LLC Exercise	Houston	April 4-5, 2023
Enbridge IEC Full Scale Drill	Corpus Christi	April 19-20, 2023
Energy Transfer GIUE	Nederland	May 22, 2023
Enterprise Crude GIUE	Freeport	June 13, 2023
Energy Transfer Exercise	Nederland	July 11, 2023
Energy Transfer Rio Bravo Pipeline Exercise	Corpus Christi	August 10, 2023
Maritime Emergency Response Exercise	Corpus Christi	August 23-24, 2023
Motiva PAMC Tier II Exercise	Port Arthur	August 23, 2023
Texas State Aquarium Wildlife Exercise	Corpus Christi	September 7, 2023
NuStar Tabletop Exercise	Corpus Christi	September 7, 2023
Enbridge Ingleside Energy Center GIUE	Ingleside	September 20, 2023
Max Midstream Tabletop Exercise	Port Lavaca	September 27, 2023
Oxy/Anadarko GOM PREP Exercise	The Woodlands	September 27-28, 2023
ExxonMobil Gulf of Mexico Annual BSEE Exercise	Spring	October 19, 2023
BP GOM Basin Exercise	Houston	October 24-26, 2023
ExxonMobil Pipeline Exercise	Baytown	November 1-2, 2023
Clean Gulf Conference Exercise	San Antonio	November 7, 2023



Accomplishments

Completed and Upcoming Outreach Events

April 1, 2023 – November 7, 2023

Description	Location/Region	Dates
San Jacinto Maritime College Career Fair	Port of Houston – 2	April 14 & 19, 2023
Queen Isabella Causeway Run	South Padre Island - 4	April 15, 2023
Port Lavaca “Clean It or Green It” Earth Day Event	Port Lavaca – 5	April 24, 2023
Boy Scouts of America	Corpus Christi Area – 3	Various Dates
Point Comfort Seafarer’s Center Grand Opening	Point Comfort – 5	May 16, 2023
Wade Into Wetlands Summer Day Camp	Port Arthur – 1	June 27, 2023
Eddie V. Gray Wetlands Center Enviro Kids Class	Baytown – 2	June 27, 2023
Camp Seaport	Port Arthur - 1	July 10, 2023
US Coast Guard Community Day	Corpus Christi – 3	July 29, 2023
Calhoun County Extension Office	Port Lavaca – 5	August 10, 2023
Clear Lake Boat Ramp “Tailgate”	Clear Lake – 2	August 28, 2023
Benavides Elementary	Brownsville – 4	August 30, 2023
Port Arthur Yacht Club	Port Arthur – 1	September 12, 2023
City of Clear Lake	Clear Lake – 2	September 20, 2023
Port Isabel Chamber of Commerce	Port Isabel – 4	September 22, 2023
Texas Adopt A Beach	Coastwide – All Regions & Austin	September 23, 2023
Bolivar, Sunny Beach, Texas City Dike “Tailgates”	Region 2	October 3, 4, 11, 2023
Port O’Connor Boat Show	Port O’Connor – 5	October 6-7, 2023
Victoria Duck Safari	Victoria – 5	November 4, 2023



Outreach and Education Efforts FY 2023

Camp Seaport
Port Arthur
July 11, 2023



Eddie V. Gray Wetlands Center
Enviro-Kids
Baytown
June 27, 2023



All Hazards Conference
Robstown
August 31, 2023



Coastal Bend Wildlife Branch Tabletop Exercise
Toolkit Demonstration - Texas State Aquarium
July 17, 2023

Texas General Land Office
Commissioner Dawn Buckingham, MD



Hurricane Preparedness Hotwash



Although the 2023 Atlantic Hurricane season has impacted several states including Florida, Georgia, North and South Carolina, the Texas coast received relatively little impact.

Improvements in GLO agency preparedness from 2022 include

- Increased internal agency cooperation
 - GLO coastal programs and the agency's Community Development and Revitalization division worked together to develop a more cohesive agency hurricane plan that clarified division roles including a better understanding of the transition between response and recovery efforts
 - GIS training was expanded to include other Coastal divisions responding to storm impacts
- Increased NDOW exercise participation to expand communication and public information roles

The General Land Office will continue to improve internal communication and coordination to maximize resources for response and recovery and to raise awareness of agency functions.

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 2023 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	Vacant		

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:

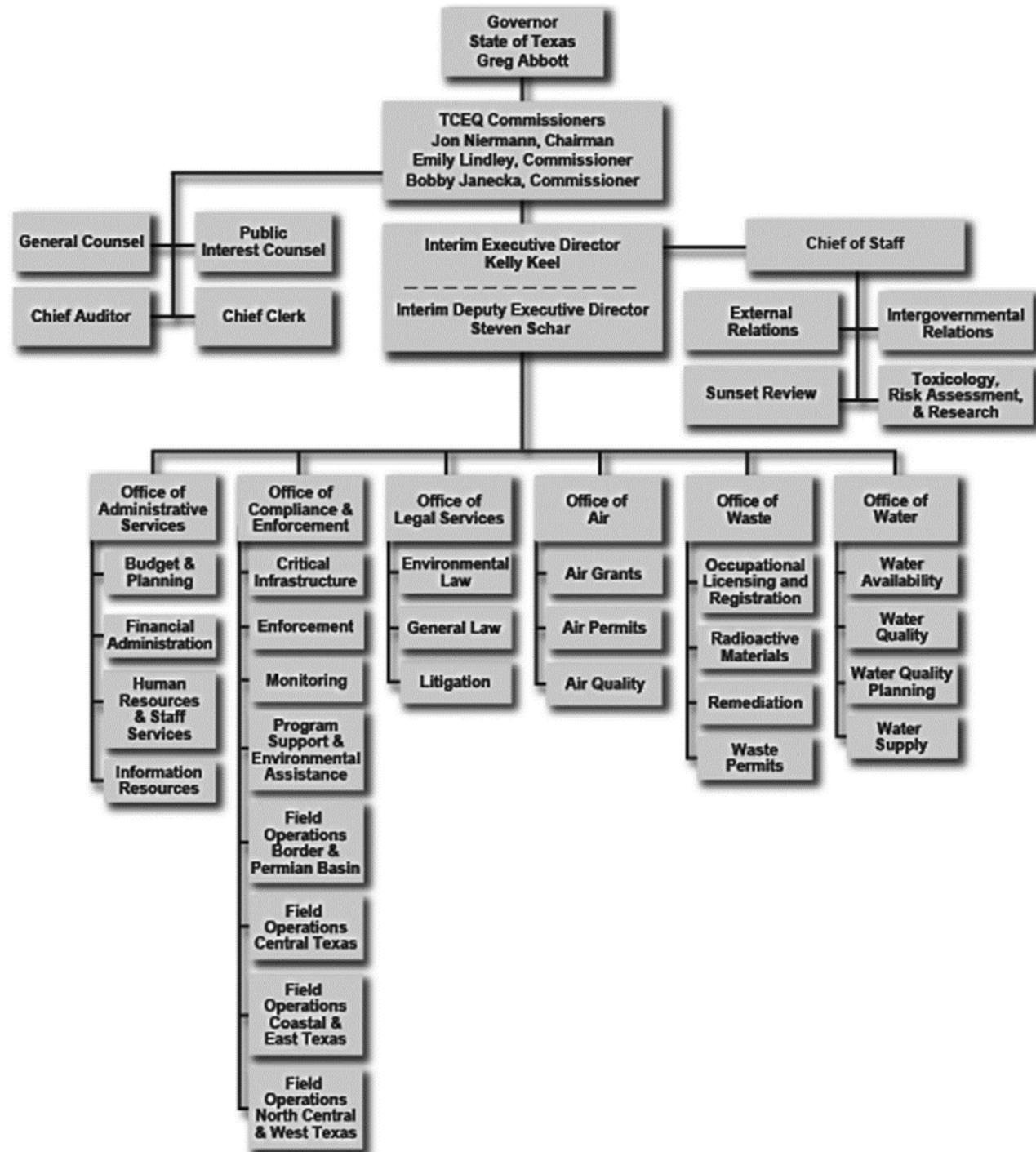
- base decisions on the law, common sense, sound science, and fiscal responsibility;
- ensure that regulations are necessary, effective, and current;
- apply regulations clearly and consistently;
- ensure consistent, just, and timely enforcement when environmental laws are violated;
- ensure meaningful 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 ORG CHART



Laws/Regulations/Policies

2021-2022 Sunset Review of TCEQ

- On May 23, 2023, the Texas Legislature adopted the TCEQ Sunset legislation, SB 1397. The legislation continues the agency for 12 years. Governor Abbott signed the bill into law on June 18, 2023.



TCEQ Preparedness for 2023 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 2024 Hurricane Season

The cycle starts all over again



Questions?







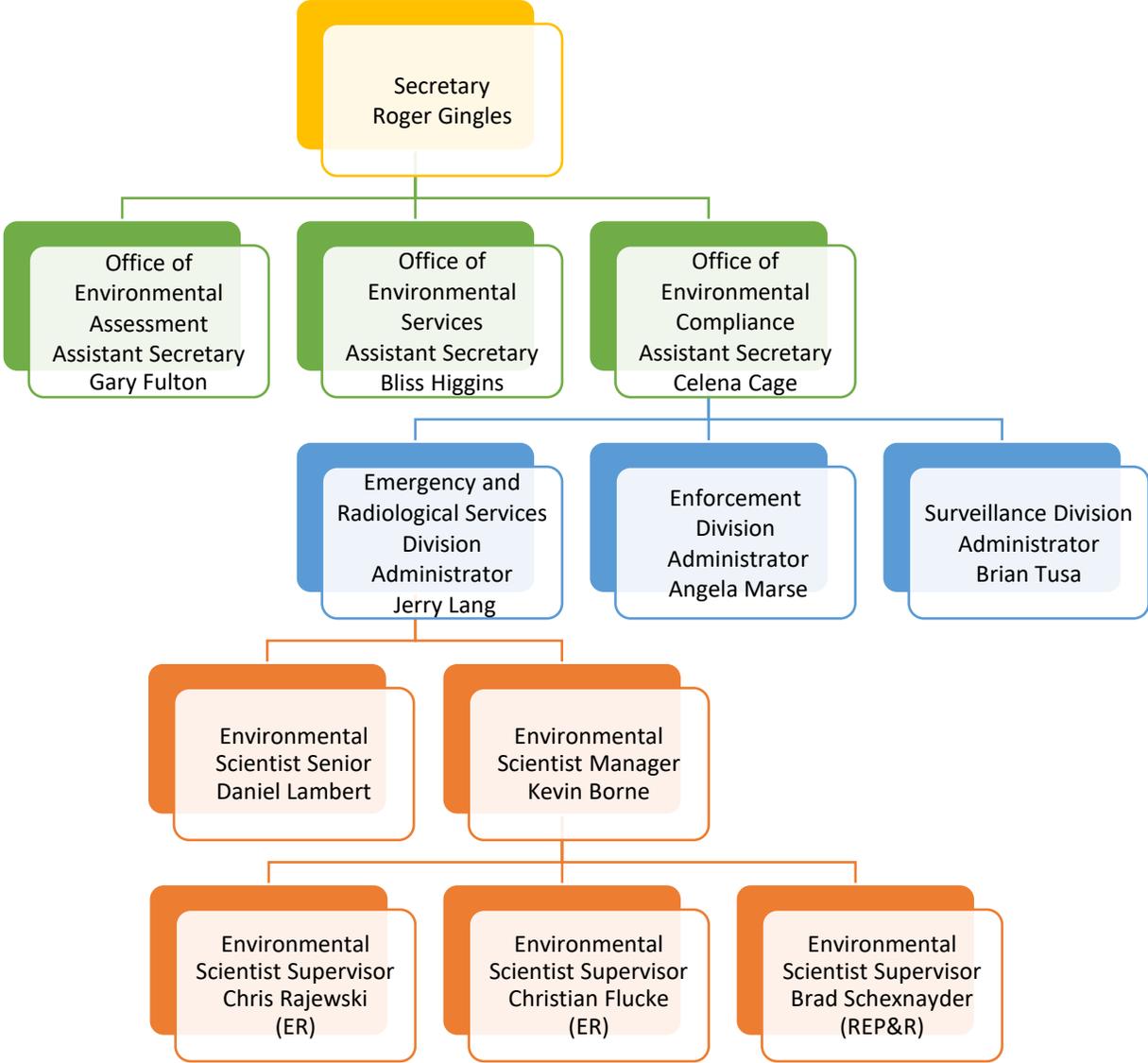
Louisiana Department of Environmental Quality (LDEQ)

Daniel Lambert



Role	RRT Member	Agency	Contact Info
Primary	Jerry Lang	LDEQ	225-219-2966 Jerry.Lang@la.gov
Alternate	Daniel Lambert	LDEQ	225-219-3368 Daniel.Lambert@la.gov
Alternate	Kevin Borne	LDEQ	225-219-3616 Kevin.Borne@la.gov
Alternate	Shane Miller	LDEQ	225-262-5586 Shane.Miller2@la.gov

LDEQ Organizational Chart



Notification/Response Activities Overview

- 2,685 Industry Notifications and Complaints processed by Single Point of Contact (April 13, 2023 – October 18, 2023)
- 506 - Emergency Responses from April 13, 2023 – October 18, 2023
- 7/14/23 – DOW Chemical – Plaquemine, LA
- 8/24/23 – Marathon Petroleum – Garyville, LA

DOW – Plaquemine, LA – 7/14/23



- Fire/Explosion in the Glycol 2 Unit
- Ethylene Oxide Primary Chemical of Concern
- Air Monitoring: LDEQ, DOW, & CTEH

Marathon Petroleum – Garyville, LA - 8/24/23



- Release of Naptha from Storage Tank Resulting in Fire
- Fire Spread to Diesel and Gas Oil Tanks
- Foaming Operations
- Air Monitoring: LDEQ, EPA START, Marathon, & CTEH

Accomplishments

Since Last RRT meeting



Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Multiple Hurricane Meetings (Federal, State, Local, Internal)	Various	Multiple
Multiple LEPC & GOHSEP Regional Meetings	Various	Multiple
Multiple Facility Tours with Louisiana State Police Emergency Services Unit	Various	Multiple
Louisiana Emergency Response Commission & Louisiana Chemical Association Meetings	Various	Multiple
Rehearsal Of Concepts Drill (ROC)	GOHSEP	May 4, 2023
Baton Rouge Area Mutual Aid System Training	JESTC	August 16, 2023

Accomplishments

Since last RRT meeting



Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
Statewide Exercise Planning Meeting	Virtual	October 12, 2023
Dress Rehearsal Waterford 3	Multiple	May 2, 2023
Grand Gulf Nuclear Station Ingestion Tabletop Exercise	Multiple	May 31, 2023
River Bend Station Site Drill	Multiple	June 14, 2023
Waterford 3 Biennial Evaluated Exercise	Multiple	June 21, 2023
Grand Gulf Nuclear Station Site Drill	Multiple	July 26, 2023
River Bend Station Site Drill	Multiple	August 9, 2023

Accomplishments

Since last RRT meeting



Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
Waterford 3 Site Drill	Multiple	August 15, 2023
Trinity Medical Radiation Training	Ferriday, LA	September 5 and 7, 2023
Grand Gulf Nuclear Station Site Drill	Multiple	September 13, 2023
Waterford 3 Site Drill	Multiple	September 19, 2023
River Bend Station Site Drill	Multiple	October 4, 2023
LDH Radiological Medical Tabletop Exercise	Monroe, LA	October 11, 2023

Outlook

Until Next RRT meeting



Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
Multiple LEPC & GOHSEP Regional Meetings	Various	Multiple
Multiple Facility Tours with Louisiana State Police Emergency Services Unit	Various	Multiple
Statewide Exercise Planning Meetings	Virtual	Multiple
Pontchartrain Reception Center Demonstration	Kenner, LA	November 1, 2023
Paulina Fire Dept. EWMDS Demonstration	Paulina, LA	November 1, 2023
West Feliciana Parish Hospital MS-1 Drill	St. Francisville, LA	November 16, 2023

Outlook

Until Next RRT meeting



Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
Ochsner Medical Center MS-1 Drill	New Orleans, LA	November 29, 2023
Richmond Reception Center Demonstration	Tallulah, LA	December 5, 2023
Local & Facility Drills	Various	Multiple

Hurricane Preparedness Hotwash



- No significant storm events over the past year.
- Current changes/improvements being made to the LDEQ response processes:
 - Working with EPA on web-based version of Response Manager.
 - Revising protocols on how facility and debris site assessments are performed.



Louisiana Oil Spill Coordinator's Office (LOSCO)

Karolien Debusschere

Louisiana - LOSCO



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



Louisiana - LOSCO



Role	RRT Member	Agency	Title	Contact Info
Primary	Sam Jones	LOSCO	Oil Spill Coordinator	225-925-1840 Samuel.Jones@la.gov
Alternate	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

Agency Organization

Department of Public Safety -Superintendent	Lamar Davis
Louisiana Oil Spill Coordinator's Office -Coordinator	Samuel Jones
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	New staff



Hurricane Preparedness Hotwash



2023 Season

Accomplishments

Since Last RRT Meeting 17 May 2023

Federal, state, and local Planning and Coordination Efforts		
Description	Name	Dates
Drill	Chevron Pipeline Drill	05/23/23
	Strategic Petroleum Reserve West Hackberry PREP Exercise	05/25/23
	Bayou Choctaw PREP Exercise	06/07/23
	Phillips 66 WCD Drill	08/02-03/23
	Shell Geismar WCD Drill	08/17/23
	SECNOLA Area Prep Tabletop Exercise	09/14/23
	Exxon Drill	09/26/23
	GIUEs	multiple

Accomplishments

Since Last RRT Meeting 17-18 May 2023

Federal, state, and local Planning and Coordination Efforts		
Description	Name	Dates
Meeting	SELA AC	06/15/23
	LA Statewide Area Committee Executive Steering Group	6/21/23 and 10/04/23
	SCLA AC	09/11/23
	Clean Gulf Associates	07/13/23
	State ESF Leads Quarterly Meeting	08/10/23
	SWLA Training and Exercise	09/25/23
Plan	Special Monitoring of Applied Response Technologies (SMART)	n/a
	RRT-6 Fish and Wildlife and Sensitive Environments Plan – Annex 28	n/a
	Area Contingency Plans	n/a

Outlook

Until Next RRT meeting 8-9 May 2024 **and beyond**

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Meeting	SETX/SWLA AC	03/06/24
	SELA AC	05/22/24
	Statewide AC	06/11/24
	SCLA AC	09/10/24
	LA Statewide Area Committee Executive Steering Group	02/07/24, 06/11/24 and 10/16/24
Drill	LOOP Annual Exercise	11/08/23
	SE Louisiana PREP Area TTX	07/10/24
	GIUEs	multiple
Plan	RRT-6 Priorities	ongoing
	LA Statewide Area Committee Executive Steering Group Priorities (see next 10 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 (including Charters and Memberships)	LA SACESG	Ongoing
4	Develop Geographic Response Strategies (GRS) Outreach Documents and Procedures	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 (including charters/memberships)
 - Environmental Data Gateway
 - Risk Analysis: Shoreline Cleanup Methods

Louisiana Oil Spill Management System (LOSMS)

The screenshot shows the LOSMS website with a green header and navigation menu. The main content area features a grid of nine search portals, each with a representative image and a description. A red arrow points to the footer text.

LOUISIANA OIL SPILL MANAGEMENT SYSTEM 10.0.198

Search LOSCO Spill Response Search NRDA Search NRDA Restoration Projects Search Administrative Records Submit a Project Search Restoration Funds Environmental Data Gateway

- LOSCO Spill Response**
This portal allows you to search available LOSCO Oil Spill Response records.
- NRDA Information**
This portal allows you to search available Louisiana NRDA information records.
- NRDA Restoration Project Information**
This portal allows you to search available Louisiana NRDA Restoration Project records.
- LOSCO Managed Restoration Funds**
This portal allows you to search available LOSCO managed restoration funds.
- Administrative Record**
This portal allows you to search available Louisiana Administrative Records.
- Submit a Project**
This portal allows you to submit a restoration project for potential inclusion in the Louisiana Regional Restoration Planning Program.
- Outreach**
Outreach events and activities are designed to be educational and informative. LOSCO is available to visit a variety of venues such as: classrooms, community based festivals, meetings, drills, trainings, and much more.
- Environmental Data Gateway**
This portal provides access to open tabular and geospatial data sets, web based applications, and websites related to oil spill response and natural resource/environmental management.

LOSMS
data.losco.org
CONTACT US:
LOSICO@LA.GOV

This database was created and is maintained by the La. Oil Spill Coordinator's Office (LOSICO) for informational purposes only. The user should be aware that the information contained in this database may have come from a variety of sources, which are of varying degrees of accuracy. LOSICO does not warrant or guarantee its accuracy, nor does LOSICO assume any responsibility or liability for any reliance thereon. The information in this database is not and is in no way intended to be comprehensive and does NOT contain information on all oil spills impacting Louisiana.

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- 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**

Louisiana Oil Spill Management System (LOSMS)

LOUISIANA OIL SPILL
MANAGEMENT SYSTEM

[Search LOSCO Spill Response](#) [Search NRDA](#) [Search NRDA Restoration Projects](#) [Search Administrative Records](#) [Submit a Project](#) [Search Restoration Funds](#) [Environmental Data Gateway](#)

EDG

Environmental Data Gateway

The Environmental Data Gateway (EDG) identifies and catalogues a variety of information and technical data potentially useful in oil spill prevention, planning and response initiatives throughout inland and coastal Louisiana. The EDG is designed to provide quick access to open tabular and geospatial data sets, web based applications, and websites to oil spill response and natural resource/environmental management practitioners.

Category Organization Keyword Search



Ambient Air Monitoring Data & Reports

LA Dept. of Environmental Quality (LDEQ)

<https://www.deq.louisiana.gov/aaqa/ambient-air-monitoring-data-reports>

This web portal includes current and historical ambient air monitoring data and reports by the LA Dept. of Environmental Quality (LDEQ).

Category: Environmental Quality and Monitoring



Bureau of Safety Environmental Enforcement (BSEE) Data Center

Bureau of Safety Environmental Enforcement (BSEE)

<https://www.data.bsee.gov>

The Bureau of Safety Environmental Enforcement (BSEE) Data Center includes, among other information, data on offshore fields and reserves, wells, leases, pipelines, and platforms/rigs.

Category: Cadastral; Economic; Governmental Unit; Infrastructure



Census Data

US Census Bureau

<https://data.census.gov/cedsci/>

This US Census Bureau web page provides data and mapping resources related to demographics and economic information.

Category: Economic; Population



Coastal Information Management System (CIMS)

LA Coastal Protection and Restoration Authority (CPRA)

<https://cims.coastal.louisiana.gov>

The Coastal Information Management System (CIMS) provides geospatial, tabular database and document access to CPRA's suite of protection and restoration projects, Coastwide Reference Monitoring System (CRMS) stations, the 2017 Master Plan, geophysical data, Spatial Viewer and Geographic Information System (GIS) Map, Barrier Island Comprehensive Monitoring (BICM) habitat monitoring tool (HRT), LA Sand Resource Database (LASARD) and coastal community resiliency information.

Category: Biologic; Environmental Quality and Monitoring; Geospatial; Hydrography; Imagery; Infrastructure; Land Use/Land Cover; Oil Spill Response Tool



Coastwide Reference Monitoring System (CRMS)

LA Coastal Protection and Restoration Authority (CPRA)

<https://www.lacoast.gov/CRMS>

Louisiana Oil Spill Management System (LOSMS)

LOUISIANA OIL SPILL MANAGEMENT SYSTEM

[Search LOSCO Spill Response](#) [Search NRDA](#) [Search NRDA Restoration Projects](#) [Search Administrative Records](#) [Submit a Project](#) [Search Restoration Funds](#) [Environmental Data Gateway](#)



Environmental Data Gateway

The Environmental Data Gateway (EDG) identifies and catalogues a variety of information and technical data potentially useful in oil spill prevention, planning and response initiatives throughout inland and coastal Louisiana. The EDG is designed to provide quick access to open tabular and geospatial data sets, web based applications, and response and natural resource/environmental management practitioners.

Category

Organization

Keyword Search

Search

Clear

- Select all
- Biologic
- Boundaries
- Cadastral
- Cultural
- Economic
- Elevation
- Environmental Quality and Monitoring
- Geophysical
- Geospatial
- Governmental Unit
- Health and Safety
- Hydrography
- Imagery
- Infrastructure
- Land Use/Land Cover
- Navigation
- Oil Spill Response Tool
- Population
- Regulatory

Ambient Air Monitoring Data & Reports

Department of Environmental Quality (LDEQ)

www.deq.louisiana.gov/page/ambient-air-monitoring-data-reports

This portal includes current and historical ambient air monitoring data and reports by the LA Dept. of Environmental Quality (LDEQ).

Category: Environmental Quality and Monitoring

Bureau of Safety Environmental Enforcement (BSEE) Data Center

Bureau of Safety Environmental Enforcement (BSEE)

www.data.bsee.gov

The Bureau of Safety Environmental Enforcement (BSEE) Data Center includes, among other information, data on offshore fields and reserves, wells, leases, pipelines, and platforms/rigs.

Category: Cadastral; Economic; Governmental Unit; Infrastructure

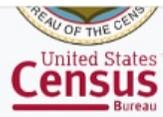
Census Data

United States Census Bureau

data.census.gov/cedsci

The United States Census Bureau web page provides data and mapping resources related to demographics and economic information.

Category: Economic; Population



Coastal Information Management System (CIMS)

LA Coastal Protection and Restoration Authority (CPRA)



Louisiana Oil Spill Management System (LOSMS)

LOUISIANA OIL SPILL MANAGEMENT SYSTEM

Search LOSCO Spill Response Search NRDA Search NRDA R



Environmental Data Gateway

The Environmental Data Gateway response and natural resource/er

Category

- Select all
- Bureau of Ocean Energy Management (BOEM)
- Bureau of Safety Environmental Enforcement (BSEE)
- Bureau of Transportation Statistics (BTS)
- Federal Emergency Management Agency (FEMA)
- LA Coastal Protection and Restoration Authority (CPRA)
- LA Dept. of Culture, Recreation & Tourism (LDCRT)
- LA Dept. of Environmental Quality (LDEQ)
- LA Dept. of Health (LDH)
- LA Dept. of Natural Resources (LDNR)
- LA Dept. of Transportation and Development (LDOTD)
- LA Dept. of Wildlife and Fisheries (LDWF)
- LA Division of Administration (DOA)
- Louisiana State Legislature
- National Aeronautics and Space Administration (NASA)
- National Oceanic and Atmospheric Administration (NOAA)
- National Park Service (NPS)
- Natural Resources Conservation Service (NRCS)
- Pipeline and Hazardous Materials Safety Administration (PHMSA)
- United States Coast Guard (USCG)
- United States Coast Guard (USCG) Atlantic Area - District 8
- US Army Corps of Engineers (USACE)
- US Census Bureau
- US Environmental Protection Agency (USEPA)
- US Fish and Wildlife Service (USFWS)
- US Geological Survey (USGS)
- US National Response Team



Ambient Air Monitorin

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<https://www.deq.louisiana.g>

This web portal includes curre

Category: Environmental Qual



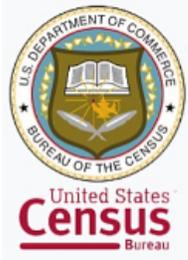
Bureau of Safety Envir

Bureau of Safety Environm

<https://www.data.bsee.gov>

The Bureau of Safety Environ

Category: Cadastral; Economic



Census Data

US Census Bureau

<https://data.census.gov/cedsci>

This US Census Bureau web page provides data and mapping resources related to demographics and economic information.

Category: Economic; Population

Coastal Information Management System (CIMS)

LA Coastal Protection and Restoration Authority (CPRA)

ject Search Restoration Funds Environmental Data Gateway

data potentially useful in oil spill prevention, planning and response initiatives throughout inland and coastal Louisiana. The EDG is designed to provide quick access to open tabular and geospatial data sets, web bas

ord Search

Search

Clear

t. of Environmental Quality (LDEQ).

on, data on offshore fields and reserves, wells, leases, pipelines, and platforms/rigs.

Risk Analysis: Shoreline Cleanup Methods



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US DEPARTMENT OF HOMELAND SECURITY
UNITED STATES COAST GUARD

Missions

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South-central Louisiana Area Contingency Plan (SCLACP)

Summary: The South-central Louisiana Area Contingency Plan (SCLACP) describes the strategy for a coordinated federal, state, tribal, and local response to a discharge or substantial threat of discharge of oil, or a release or substantial threat of release of hazardous substance(s), within the boundaries of the South-central Louisiana coastal zone.



ATTACHMENTS:

- > [2023.0_SCLACP.pdf](#)
- > [A-Annex.1_Risk.Analysis.Shoreline.Cleanup.Methods.pdf](#)
- > [B-Annex.1a_Risk.Analysis.Area.Planning.Scenarios.pdf](#)
- > [C-Annex.1b_Risk.Analysis.Places.of.Refuge.Policy.pdf](#)
- > [D-Annex.2_Contact.Spreadsheet.pdf](#)
- > [E-Annex.2a_Contacts.USCG.DOCL.ICS.Form-207.pdf](#)
- > [F-Annex.3_Initial.Reporting.Form.pdf](#)
- > [G-Annex.4_Site.Safety.Plan.pdf](#)
- > [H-Annex.5_Public.Health.and.Safety.Environmental.Health.Support.Guidance.pdf](#)
- > [I-Annex.5a_Public.Health.and.Safety.Community.Air.Monitoring.Protocols.pdf](#)
- > [J-Annex.5b_Public.Health.and.Safety.Water.Sampling.Protocols.pdf](#)
- > [K-Annex.6_Response.Protocols.96-Hour.Plan.pdf](#)
- > [L-Annex.6a_Response.Protocols.Volunteers.pdf](#)
- > [M-Annex.6b_Response.Protocols.Disposal.pdf](#)
- > [N-Annex.6c_LA.Decanting.pdf](#)
- > [O-Annex.7_Consultations.LA.SHPO.pdf](#)
- > [P-Annex.8_Hazardous.Substance.Response.pdf](#)
- > [Q-Annex.9_Marine.Fire.Fighting.and.Salvage.pdf](#)
- > [R-Annex.11_Unconventional.Oil.Response.pdf](#)

South-central Louisiana
Area Contingency Plan
(SCLACP)

Risk Analysis: Shoreline Cleanup Methods

Annex 1
May 2022

3403 Shoreline Cleanup – Medium Oil

Table 7: Shoreline Cleanup Matrix – Medium Oil

SHORELINE CLEANUP MATRIX Medium Oil	SHORELINE TYPES											
	Coastal Structures	Bluffs	Fine Sand Beach	Coarse Sand Beach	Shell Beach	Perched Sand Beach	Perched Shell Beach	Sandy Tidal Flat	Muddy Tidal Flat	Forested Swamp	Fresh Marsh	Salt Marsh
CLEANUP METHOD	1	2	3	4	5	6	7	8	9	10	11	12
No Action	P	P	P	P	P	P	P	P	P	P	P	P
Manual Debris Removal	A	A	A	A	A	P	P	P	P	P	P	P
Manual Sediment Removal	X	P	P	P	P	P	P	P	X	X	X	X
Manual Sorbent Application	A	P	A	A	P	P	P	P	P	A	A	A
Manual Scraping	A	P	A	A	P	P	P	P	X	X	X	X
Manual Vegetation Cutting	X	X	X	X	X	X	X	X	P	P	P	P
Motor Grader/Elevating Scraper	X	P	A	A	P	P	P	P	X	X	X	X
Elevating Scraper	X	P	A	A	P	P	P	P	X	X	X	X
Motor Grader/Front-End Loader	X	P	A	A	P	P	P	P	X	X	X	X
Front-End Loader: Rubber Tired or Tracked	X	P	A	A	P	P	P	P	X	X	X	X
Bulldozer: Rubber-Tired Front End Loader	X	P	A	A	P	P	P	P	X	X	X	X
Backhoe	X	P	A	A	P	P	P	P	X	X	X	X
Beach Cleaner	X	P	A	A	P	P	P	P	X	X	X	X
Dragline/Clamshell	X	P	A	A	P	P	P	P	X	X	X	X
Cold Water Deluge Flooding	A	A	A	A	P	P	P	P	P	A	A	A
Low Pressure Cold Water Washing	A	P	P	P	P	P	P	P	X	P	P	P
High Pressure Cold Water Washing	A	X	X	P	X	X	X	P	X	X	X	X
Low Pressure Hot Water Washing	A	P	P	P	P	P	P	P	X	X	X	X
High Pressure Hot Water Washing	A	X	X	P	X	X	X	P	X	X	X	X
Steam Cleaning	A	X	X	X	X	X	X	X	X	X	X	X
Sand Blasting	A	X	X	X	X	X	X	X	X	X	X	X
Vacuum	A	P	A	A	P	P	P	P	P	P	P	P
Trenching/Vacuum	X	P	A	A	P	X	X	P	X	X	X	X
Sediment Removal, Cleaning, and Replacement	X	X	P	P	X	X	X	X	X	X	X	X
Push Contaminated Substrate into Surf	X	X	P	P	P	X	X	X	X	X	X	X
Pavement Breakup	X	X	P	P	P	X	X	X	X	X	X	X
Disc into Substrates	X	X	P	P	X	X	X	X	X	X	X	X
Burning †	P	P	P	P	P	X	X	X	X	X	P	P
Chemical Oil Stabilization †	P	P	P	P	P	P	P	P	X	X	X	X
Chemical Protection of Beaches †	A	P	P	P	P	P	P	X	X	P	P	P
Chemical Cleaning of Beaches †	A	P	P	P	P	P	P	X	X	P	P	P
Nutrient Enrichment †	P	P	P	P	P	P	P	P	P	P	P	P
Bacterial Enrichment †	P	P	P	P	P	P	P	P	P	P	P	P
A	Advised - Method which best achieves the goal of minimizing destruction or injury to the environment.											
P	Possible - Viable and possibly useful but may result in limited adverse effects to the environment.											
X	Do Not Use											
†	Requires RRT approval											

Clipboard Font Alignment Number Styles Cells Editing

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Normal Bad Good Neutral Calculation Check Cell Explanatory... Input Linked Cell Note

Insert Delete Format AutoSum Fill Clear Sort & Find & Filter Select

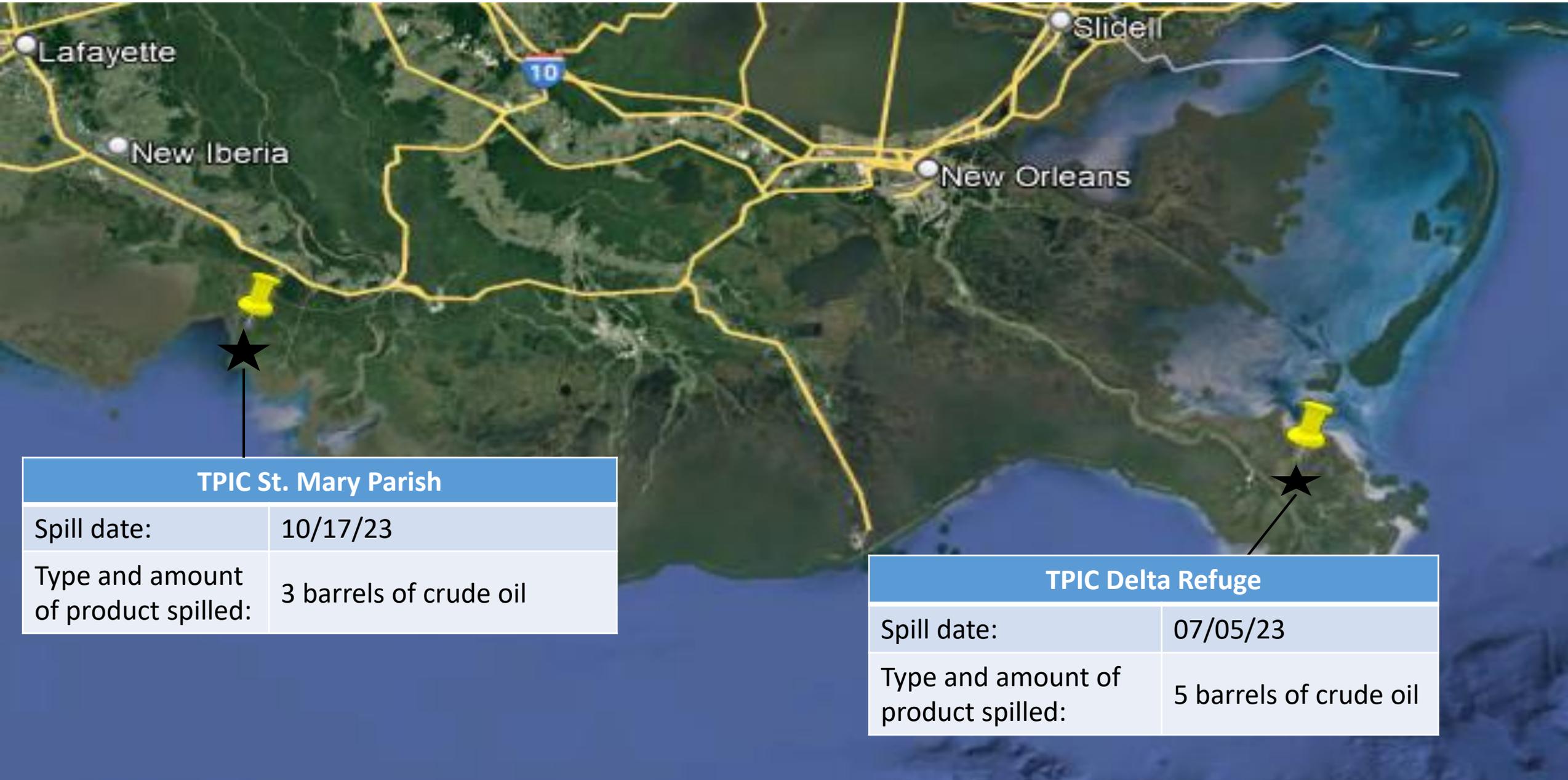
A1 Group 3: Medium Crude Oils and Intermediate Refined Products

Group 3: Medium Crude Oils and Intermediate Refined Products				Inland Habitat Types											Shoreline Habitat Types														
				Water				Land							Intertidal														
				Lake (API 2016 pg. 44)	Pond (API 2016 pg. 44)	Large River (API 2016 pg. 44)	Stream (API 2016 pg. 44)	Developed Land (API 2016 pg. 44)	Forested Upland (API 2016 pg. 44)	Forested Wetland (API 2016 pg. 44)	Grassland/Cropland (API 2016 pg. 44)	Vegetated Shoreline (NOAA & API 1994 pg. 78)	Mud (NOAA & API 1994 pg. 84)	Grassy Wetland (API 2016 pg. 44)	Permeable Substrate (API 2016 pg. 44)	Floating Marsh (Henry et al. 2003 pg. 4)	Impermeable Substrate (API 2016 pg. 44)	Exposed, Solid Man-made Structures (NOAA)	Sand Beaches (NOAA 2010a pg. 22)	Sand and Gravel Beaches (NOAA 2010a pg. 28)	Gravel Beaches (NOAA 2010a pg. 31)	Riprap (NOAA 2010a pg. 34)	Exposed Tidal Flats (NOAA 2010a pg. 37)	Sheltered, Solid Man-made Structures (NOAA)	Peat Shores (NOAA 2010a pg. 47)	Sheltered Tidal Flats (NOAA 2010a pg. 50)	Salt to Brackish Marsh (NOAA 2010a pg. 53)	Mangroves (NOAA 2010a pg. 56)	
Response Technique				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	Coral/Reefs
Natural Attenuation				A	B	A	B	B	B	A	A	B	A	B	A	C	A	A	B	B	B	B	A	B	A	B	B	A	
Containment/Recovery																													
Booming				A	A	A	A	-	-	B	-			B	-	-	-												
Skimming				A	A	A	A	-	-	B	-			B	-	-	-												
Barriers				A	A	A	A	A	A	B	A			D	A	-	A	-	B	C	B	-	B	-	-	C	B	B	
Trenching				-	-	-	B	A	B	D	B			D	A	-	-	-	B	C	B	-	B	-	-	C	B	B	
Removal																													
Manual Removal				-	B	-	B	A	A	B	A	B	C	B	A	A ⁽¹⁾	A	B	A	B	B	B	A	B	B	B	C	C*	C
Vacuum/Pumping				A	A	A	A	A	A	B	A	B	A	A	B	A	-	B	B	B	B	A	B	-	B	B	B	B	
Sorbents				A	A	A	A	A	A	A	B	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Excavation				B	D	B	B	A	B	D	B	C	D	D	B	D	-	-	B	B	C	C	C	C	-	D	-	D**	-
Dredging				B	D	B	D	-	-	D	-	C	D	D	-	D	-	-	B	B	C	C	C	C	-	D	-	D**	-
Debris Removal				A	A	A	A	A	A	A	A	B	B	A	A	C ⁽²⁾	A	-	A	A	A	A	A	B	A	B	B	B	A
Washing/Recovery																													
Flooding				-	-	-	A	A	A	A	A	A	A	A	-	A	-	A	B	B	B	B	A	-	B	B	B	B	
Low Pressure/Ambient Water Flushing				-	-	-	A	A	B	B	B	A	C	A	A	-	A	A	B	A	A	B	B	B	B	C	B	C	
High Pressure/Hot Water Flushing				-	-	-	A	B	D	-	D	D	D	B	-	B	C	-	D	C	C	C	-	C	-	-	-	-	
In Situ Treatment																													
Sediment Reworking/Mixing On Land				-	-	-	A	B	D	B	D	D	D	B	B ⁽³⁾	-	-	B	B	B	-	C	-	B	-	D	-		
Sediment Agitation in Water				B	B	B	B	-	-	D	-			D	-	-	-												
Vegetation Removal				B	B	B	B	A	B	D	B	B	D	-	D ⁽⁴⁾	-	B	C	C	C	C	C	D	-	C	D	C	-	
In Situ Burning				A	B	A	B	A	D	D	A	B	C	B	B	I	B	-	C	C	C	D	-	-	-	-	B	-	
Biological Treatment																													
Nutrient Addition				-	-	-	A	A	B	A	B	I	B	A	I	-	-	A	A	A	A	C	I	I	B	I	B	I	
Microbe Seeding				-	-	-	A	A	B	A	I	I	-	A	I	-	-	-	I	I	I	I	I	I	I	I	I	I	
Phytoremediation				-	-	-	A	A	A	A	A	A	B	A	-	-	-	-	I	I	I	I	I	I	I	I	I	I	
Chemical Treatment																													
Solidifier				A	A	A	A	A	B	-	D	C	A	-	A	-	B	B	B	B	B	C	-	-	C	C	-		
Surface Washing Agent				-	-	-	A	B	B	-	I	D	B	B	-	B	B	C	C	B	B	-	B	-	-	B	C		

Group 3: Medium Crude Oils and Intermediate Refined Products		Resource Group					
Green A= Least Impact Yellow B= Some Impact Orange C= Significant Impact Red D= Greatest Impact I= Insufficient Information-		Birds	Fish	Aquatic Invertebrates	Amphibians	Reptiles	Mammals
Response Technique		1	2	3	4	5	6
Natural Attenuation		D	D	D	D	D	D
Containment/Recovery							
Booming		A	A	A	A	A	B
Skimming		A	A	B	A	A	B
Barriers		A	A	B	A	B	A
Trenching		B	C	B	B	C	A
Removal							
Manual Removal		A	B	B	B	B	A
Vacuum/Pumping		A	A	B	B	B	B
Sorbents		A	A	A	A	A	A
Excavation		A	C	D	C	C	B
Dredging		B	C	D	C	C	B
Debris Removal		A	B	C	C	C	A
Washing/Recovery							
Flooding		C	B	C	C	B	B
Low Pressure/Ambient Water Flushing		C	C	C	C	B	B
High Pressure/Hot Water Flushing		B	D	D	D	D	D
In Situ Treatment							
Sediment Reworking/Mixing On Land		C	C	C	B	C	B
Sediment Agitation in Water		C	C	D	C	B	B
Vegetation Removal		B	B	C	C	B	B
In Situ Burning		B	A	B	C	C	C
Biological Treatment							
Nutrient Addition		A	B	C	B	B	A
Microbe Seeding		A	C	D	C	B	C
Phytoremediation		B	A	A	A	A	A
Chemical Treatment							
Solidifier		A	A	A	A	A	A
Surface Washing Agent		A	D	D	D	C	B
Herding Agent		B	B	B	C	C	B
Dry Ice Blasting		-	-	-	D	D	D

Disclaimer: While these matrices provide general guidance regarding potential appropriate cleanup methods in various environments, specific response tactics (cleanup methods) will need to be employed on an incident- and site-specific basis. The potential impacts of response actions on all resources at risk must be considered. Moreover, the existence of these matrices does not preclude the need to engage with resource agency representatives to discuss specifics associated with a particular response.

RRT Activations



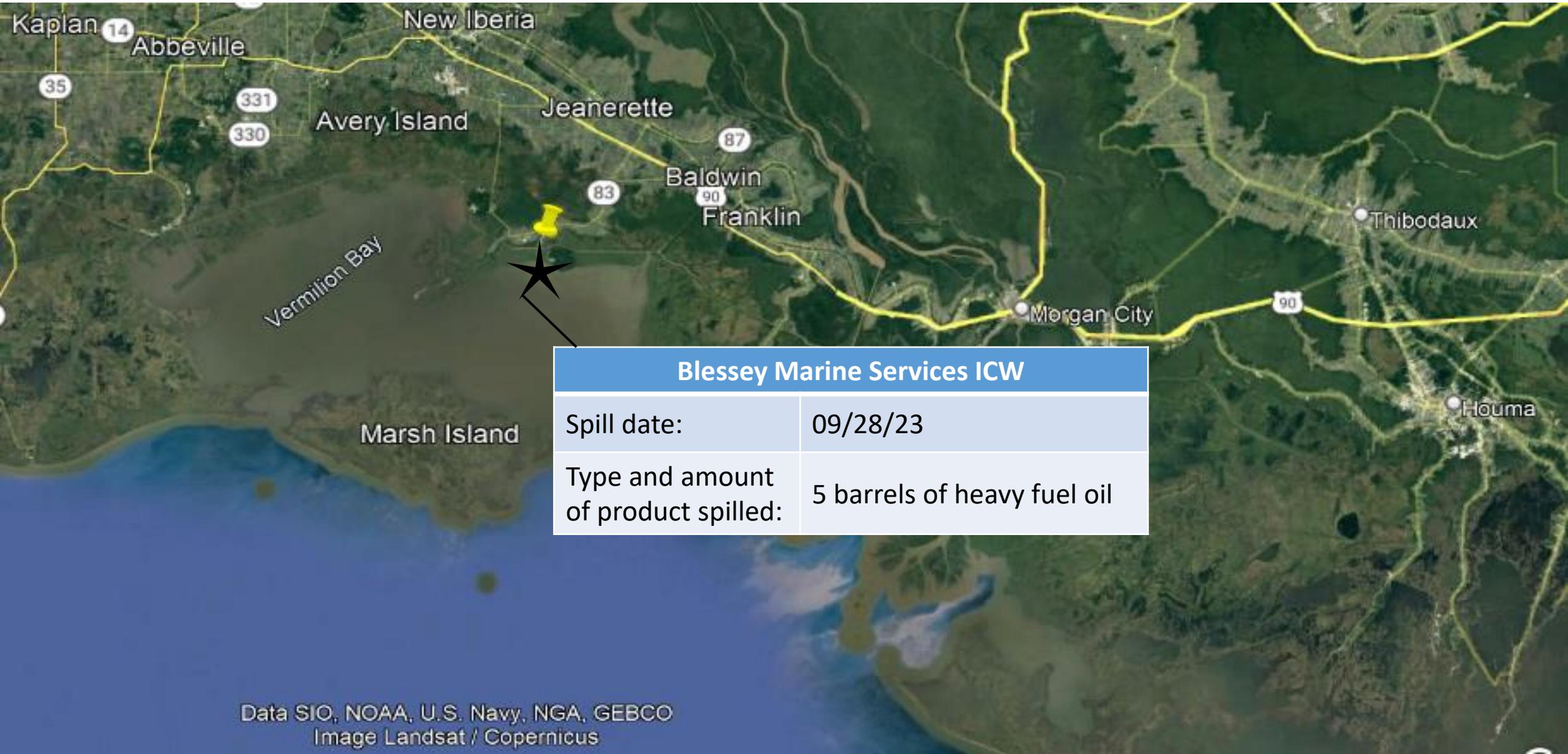
TPIC St. Mary Parish

Spill date:	10/17/23
Type and amount of product spilled:	3 barrels of crude oil

TPIC Delta Refuge

Spill date:	07/05/23
Type and amount of product spilled:	5 barrels of crude oil

Decanting



Blessey Marine Services ICW	
Spill date:	09/28/23
Type and amount of product spilled:	5 barrels of heavy fuel oil

Louisiana Oil Spill Coordinator's Office

Department of Public Safety & Corrections



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

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

U.S. Department of Transportation

~ 60,000 employees

- National Highway Traffic Safety Administration (NHTSA)
- Federal Aviation Administration (FAA)
- Office of Inspector General (OIG)
- Federal Highway Administration (FHWA)
- Federal Motor Carrier Safety Administration (FMCSA)
- Federal Railroad Administration (FRA)
- Saint Lawrence Seaway Development Corporation (SLSDC)
- Federal Transit Administration (FTA)
- Maritime Administration (MARAD)
- **Pipeline and Hazardous Materials Safety Administration (PHMSA)**
 - Office of Hazardous Materials
 - **Office of Pipeline Safety**
 - About 600 employees



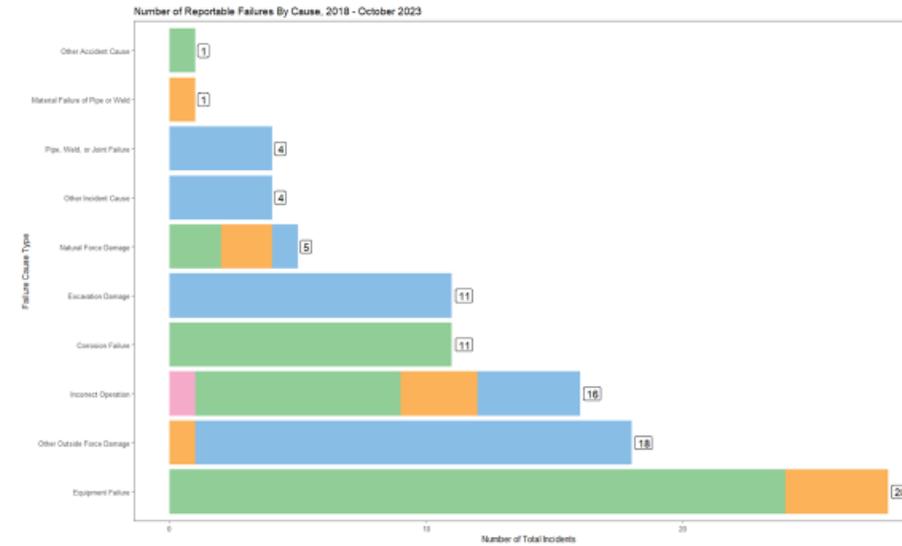
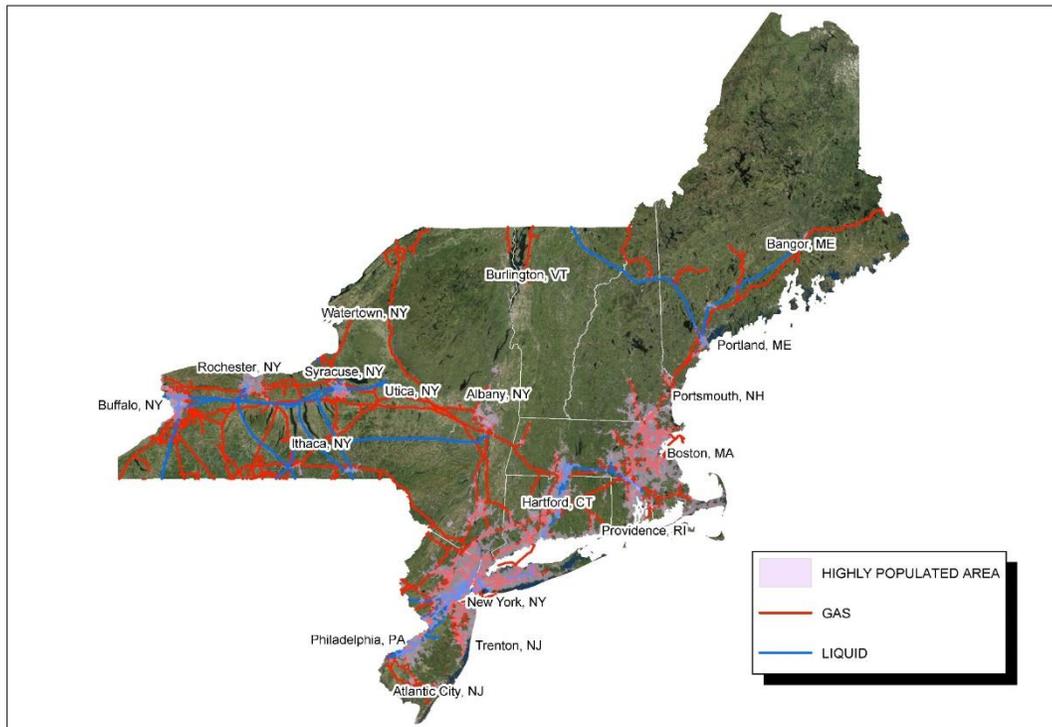
Laws/Regulations/Policies

- PHMSA is a Safety Agency
 - Does not have response authority
 - Does have response awareness
 - Federal reporting criteria
 - National Pipeline Incident Coordinator (NPIC) Hotline **888-719-9033**
- Extensive pipeline data & company points of contact
- Regulates *interstate pipelines* under 49 CFR parts 192 & 195
 - Natural Gas, Hydrocarbons, Ammonia, CO2, Hydrogen, others
 - Regional offices inspect and enforce ~ 175 FTE
 - Accident Investigation Division (AID) ~ 15 FTE
 - **what** happened, **why** did it happen, **how** to prevent the next one
 - Data driven focus



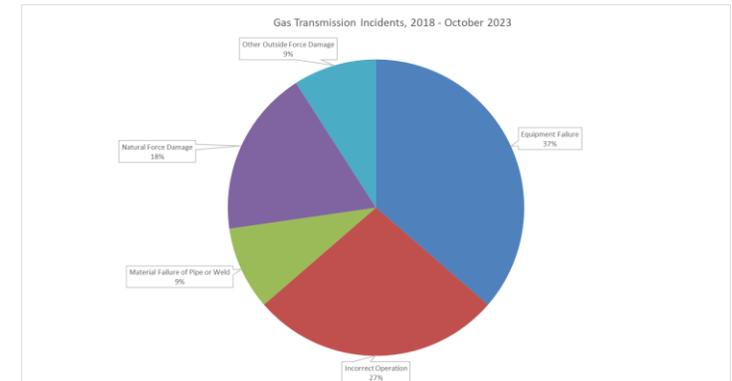
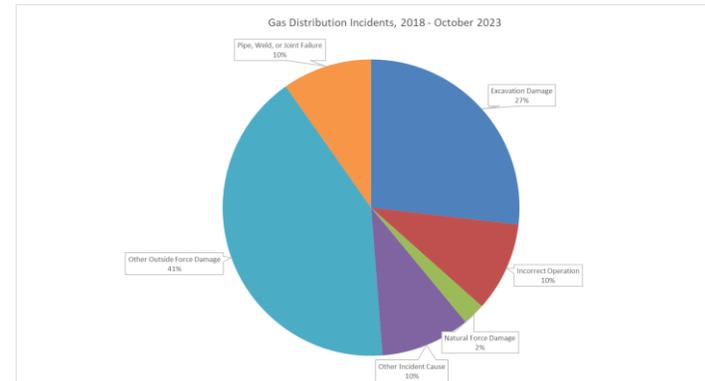
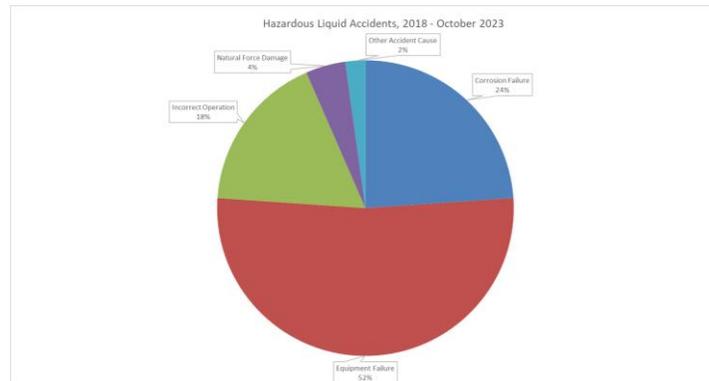
Data Driven Decisions

DOT Regulated Pipelines in RRT 1 & 2 Areas

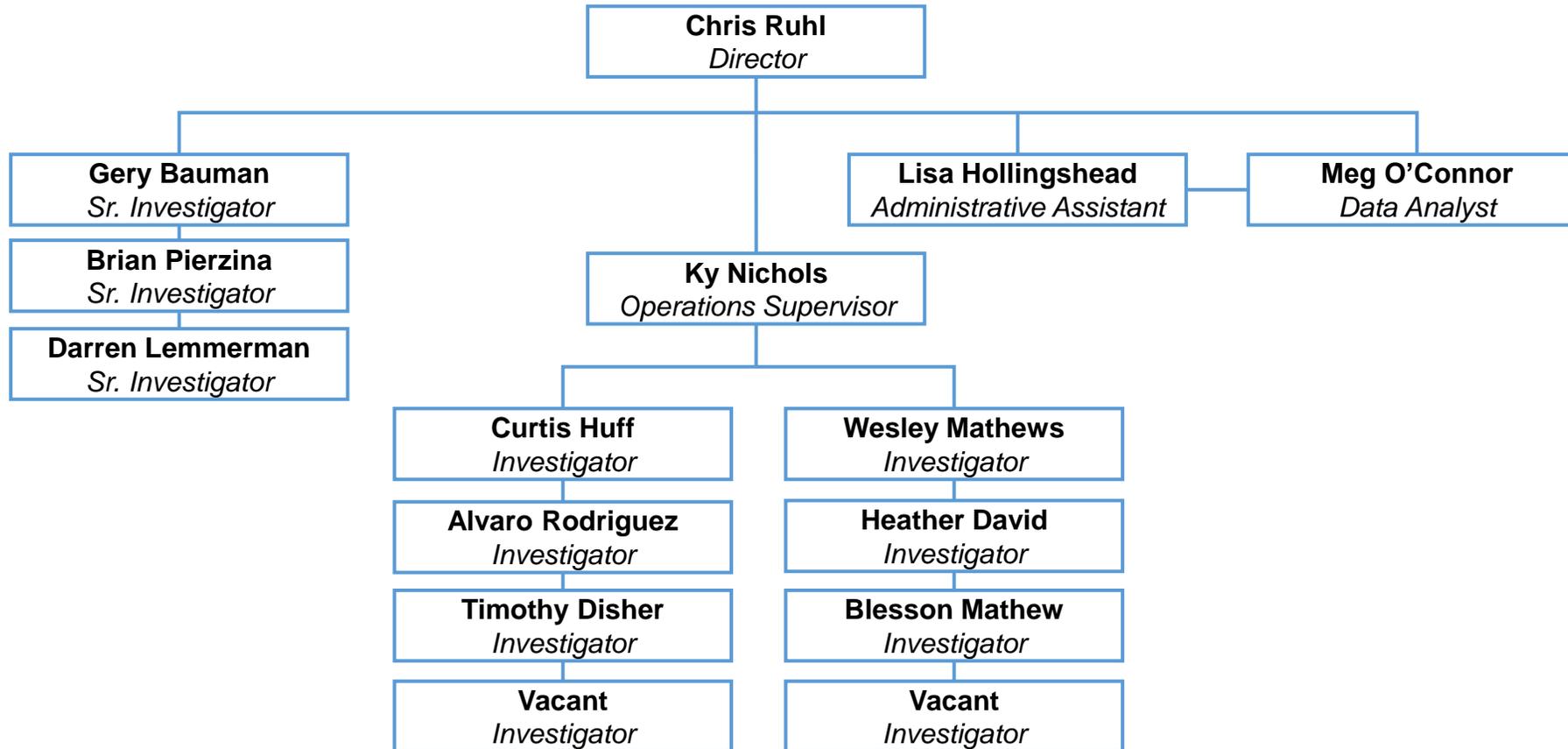


Failure Cause by System Type

System Sub-Type	Failure Cause	Failure Count
GAS DISTRIBUTION	Excavation Damage	11
	Incorrect Operation	4
	Natural Force Damage	1
	Other Incident Cause	4
	Other Outside Force Damage	17
GAS TRANSMISSION	Pipe, Weld, or Joint Failure	4
	Equipment Failure	4
	Incorrect Operation	3
	Material Failure of Pipe or Weld	1
HAZARDOUS LIQUID	Natural Force Damage	2
	Other Outside Force Damage	1
LIQUEFIED NATURAL GAS	Corrosion Failure	11
	Equipment Failure	24
	Incorrect Operation	8
	Natural Force Damage	2
	Other Accident Cause	1



Accident Investigation Division



Office of Pipeline Safety Accident Investigation Division

Role	RRT Member	Agency	Contact Info
Primary	Chris Ruhl Director	DOT-PHMSA	405-590-3625 Chris.Ruhl@dot.gov
Alternate	Ky Nichols Ops Supervisor	DOT-PHMSA	918-240-4047 Ky.Nichols@dot.gov
Alternate	Wesley Mathews Investigator	DOT-PHMSA	405-435-1519 Wesley.Mathews@dot.gov
Emergency	NPIC Hotline	DOT-PHMSA	888-719-9033



Accomplishments

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Phillips 66 tabletop exercise	Oklahoma City	Oct 12
USCG Frog Pond Exercise	Rogers City, MI	July 25-27
DAPL Oil Spill Exercise	Watford City, ND	June 15
Enbridge Exercise	Bay City, MI	April
Enbridge Exercise	Des Plains, IL	Feb 28

Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Upcoming meeting with Texas RRC	Austin?	Dec



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)**



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



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

Greg Fox



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

Sarah Murtagh



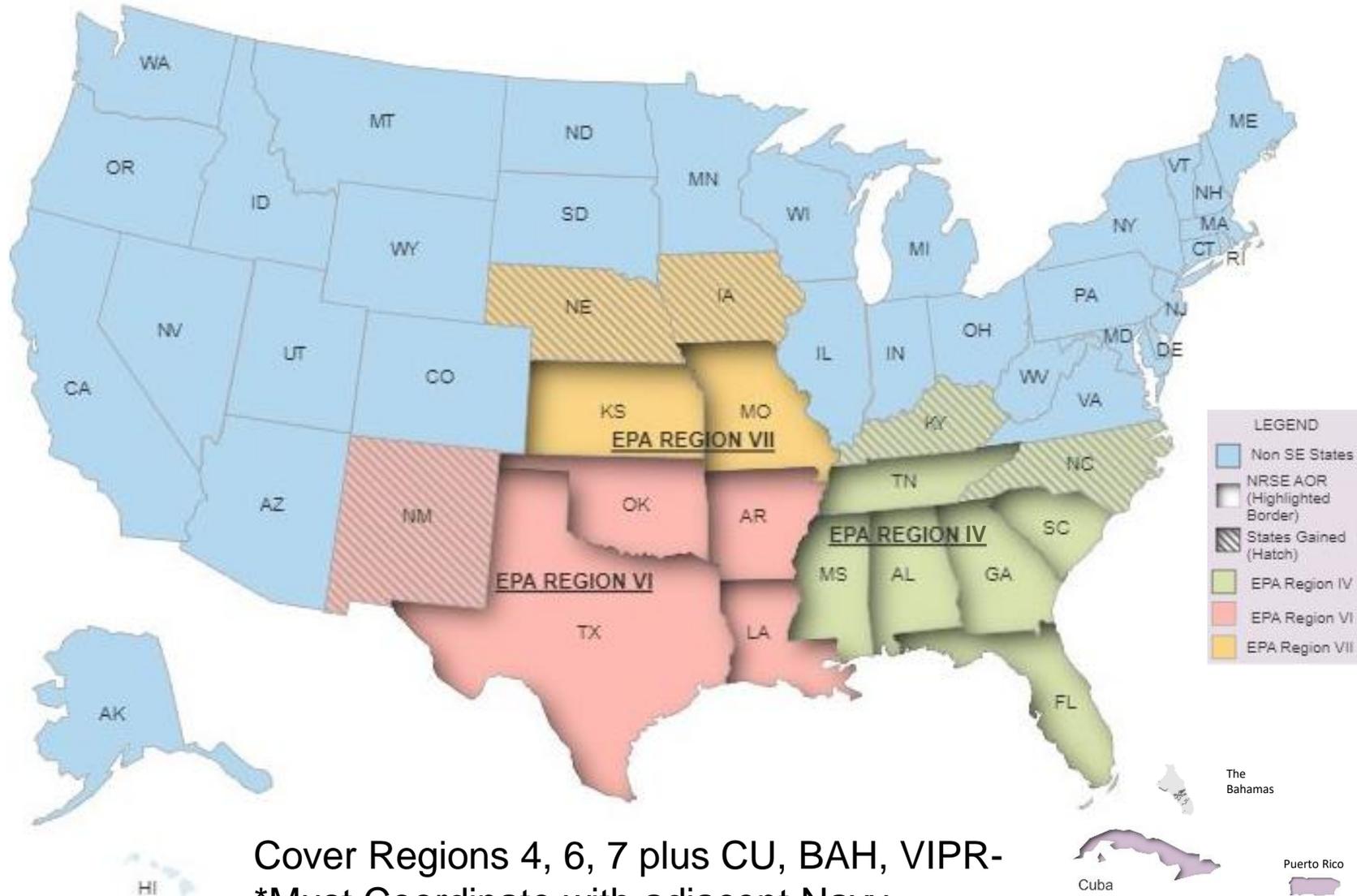
Key Personnel Changes & Points of Contact

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

5 vacancies (1 Supervisory) for OHS Exercise Planning and Evaluation



Area of Responsibility

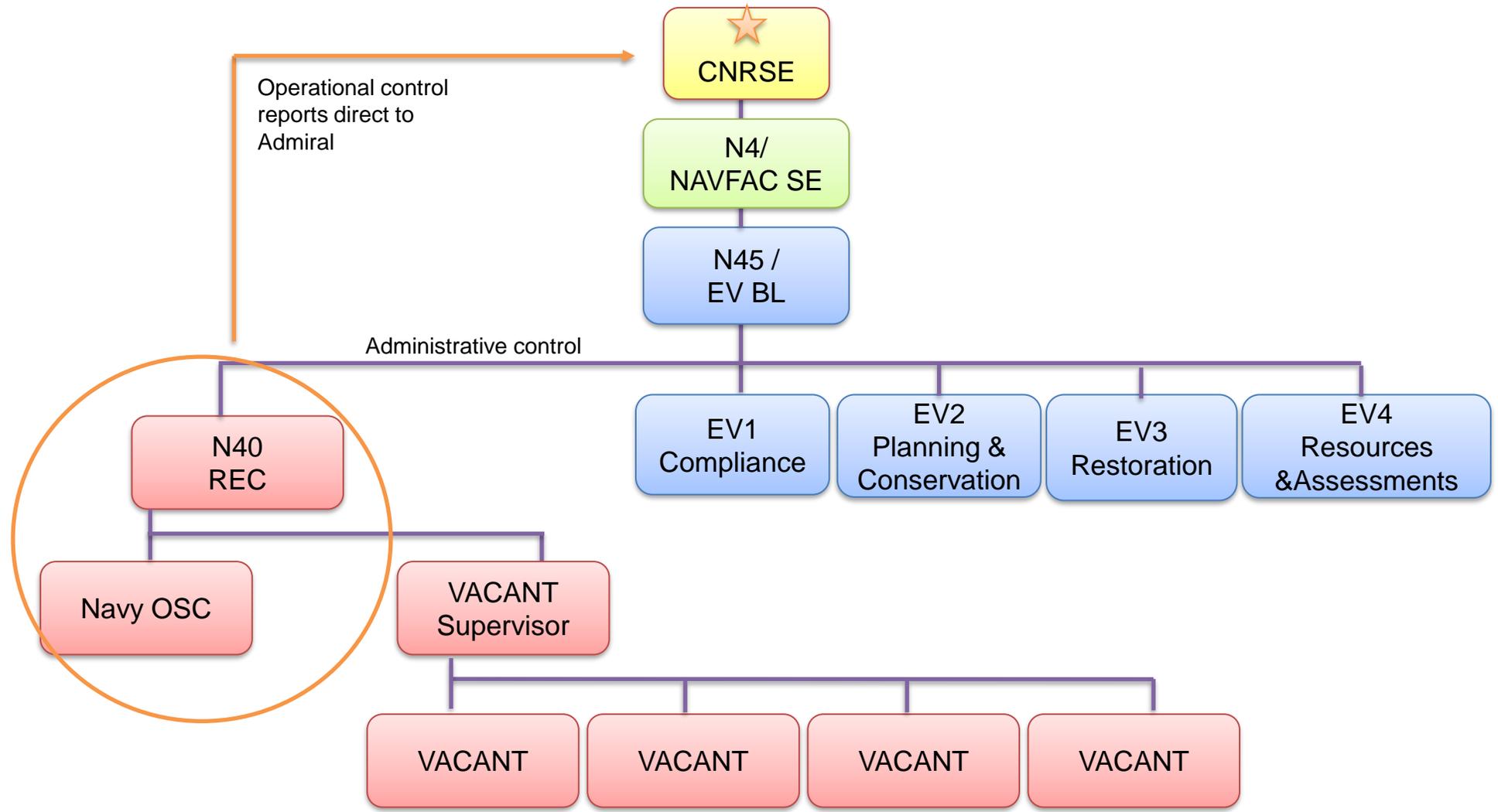


Cover Regions 4, 6, 7 plus CU, BAH, VIPR-
*Must Coordinate with adjacent Navy
Commands for States marked with hashes



Environmental Organization

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





Initiatives and Challenges

- **Recruiting To Fill Vacancies**
 - 5 Vacancies (1 Supervisory)
- **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
- **Facing Challenges With Streamlining Post-hurricane Support To FEMA**
 - Pre-approve real estate agreements to expedite process during emergency
 - Improve protection of the environment and reduce risk of exposure to FEMA Responders
 - Ensure environmental considerations for each site provided upfront:
 - EV POC, Hazwaste disposal, ESA Habitats, CERCLA Land Use Controls (i.e. don't want house people on contaminated sites or critical habitats)



2024 Outlook

Region 6 Installations

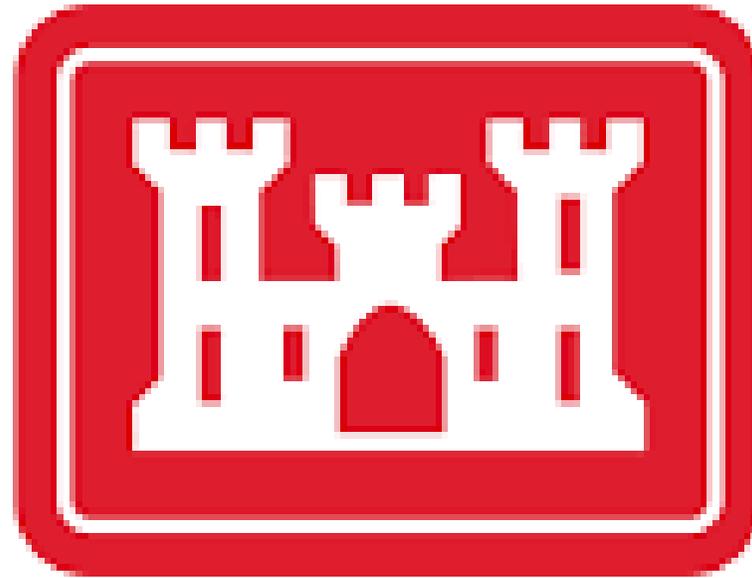
NORTHCOM Exercise	Date
Solid Curtain	Early February
Hurricane EX	Late April

Installation	Exercise Scenario	Tentative Date
NAS Corpus Christi	Medium	09APR24
NAS JRB New Orleans	Small	17APR24
NAS Kingsville	Small	22MAY24
NAS JRB Fort Worth	WCD	19SEP24



Questions?





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

Justin Watson



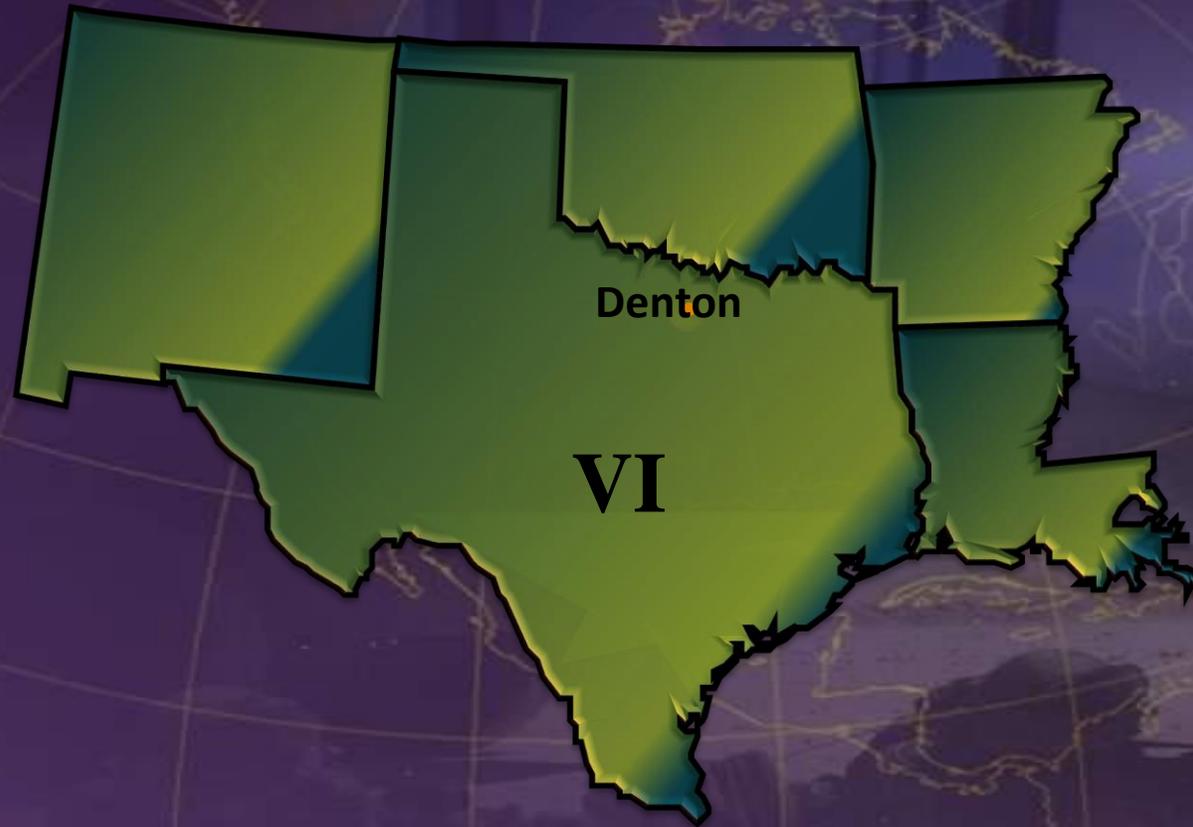
Department of Defense (DoD) – **Defense Coordinating Element (DCE)**

Major James Balutowski

Defense Coordinating Element (DCE)

Region VI

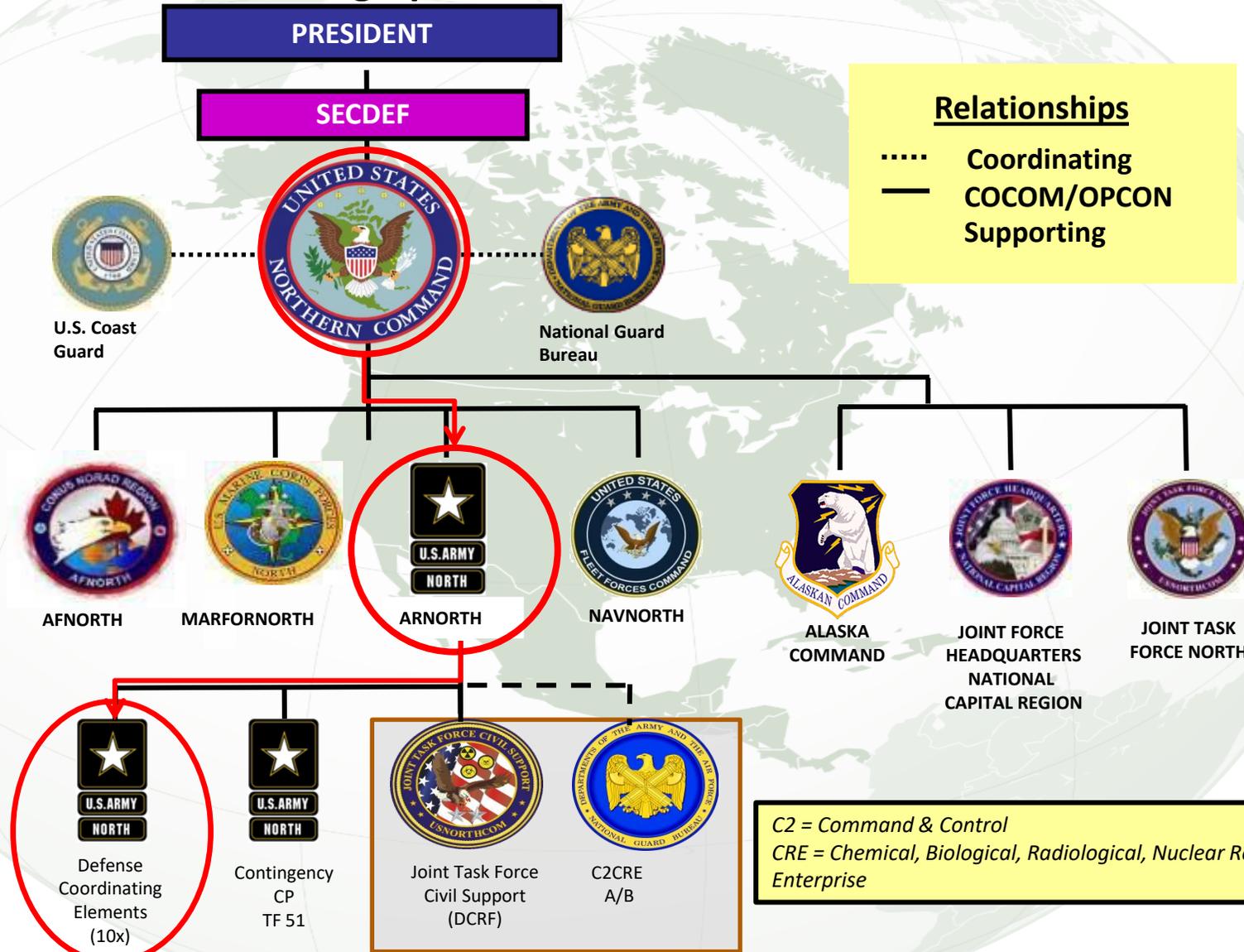
Regional Overview





U.S. Northern Command (NORTHCOM)

Geographic Combatant Command



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



Defense Coordinating Element (DCE) Mission

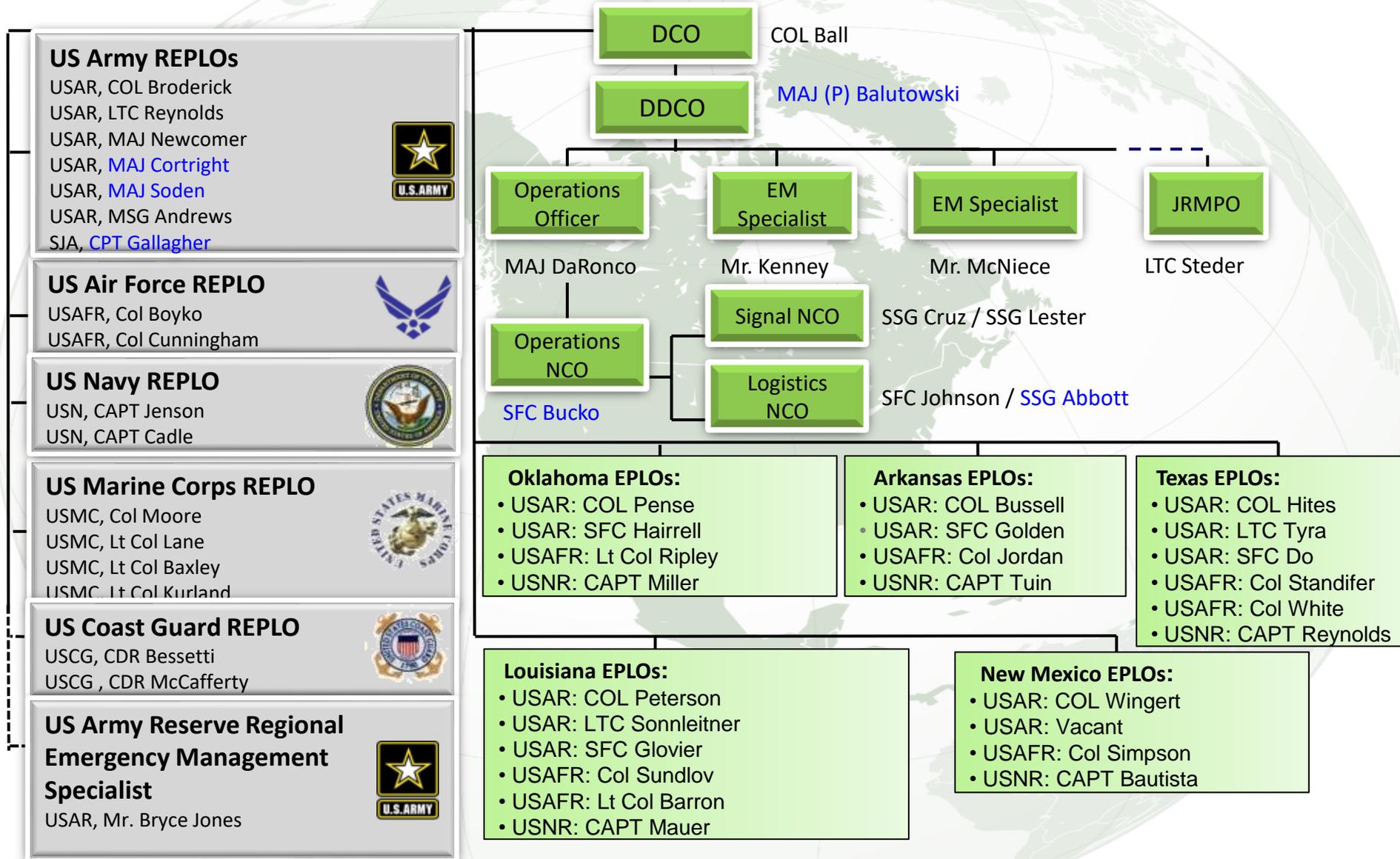


On order and in response to natural / manmade incidents, the Defense Coordinating Officer / Defense Coordinating Element (DCO/DCE) anticipates and conducts Defense Support of Civil Authorities (DSCA) operations coordinating Title 10 forces and resources in support of the Federal Primary Agency (PA) in order to minimize impacts to the American people, infrastructure and environment.

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



Task Organization



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



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



Role of the DCO - Contingency Operations -



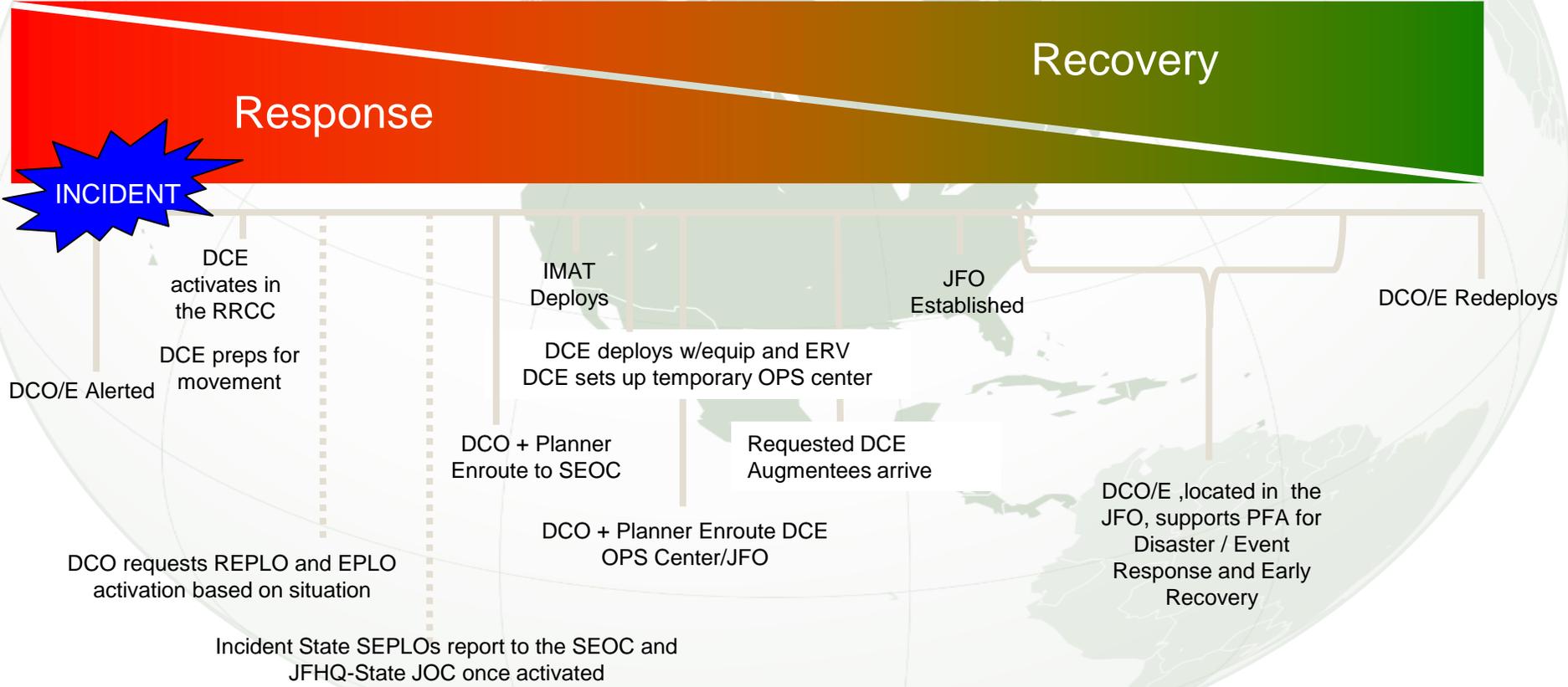
- DoD representative in the disaster Area
- Provide Situational Awareness to DOD Agencies
- Link between Lead Federal Agency (LFA) representative and DoD
- Liaison to State, local and other Federal agencies
- Validates Resource Request Form (RRF) and accepts Mission Assignment (MA) from Federal Coordinating 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)



DCO/E Concept of Operations

- ✓ Lead Federal Agency requests DCO/E
- ✓ SECDEF/NORTHCOM VOCO for deployment of DCO/E
- ✓ Draft NORTHCOM EXORD is published
- ✓ Draft ARNORTH OPORD is published
- ✓ JCS order published
- ✓ NORTHCOM EXORD is published
- ✓ ARNORTH OPORD is published

- Alert
- Mobilize
- Deploy
- Establish DCE
- Conduct Operations
- Redeploy



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



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



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

Shannon Moran



FEMA

Role	RRT Member	Agency	Contact Info
Primary	Shannon Moran	FEMA - Operations	940-447-4593 Shannon.Moran@fema.dhs.gov
Alternate	Amanda Cesani-Roberts	FEMA - Operations	940-205-6799 Amanda.Cesani@fema.dhs.gov
Alternate	Chris Dooley	FEMA – Acting Environmental Officer	940-293-5610 Christopher.dooley@fema.dhs.gov

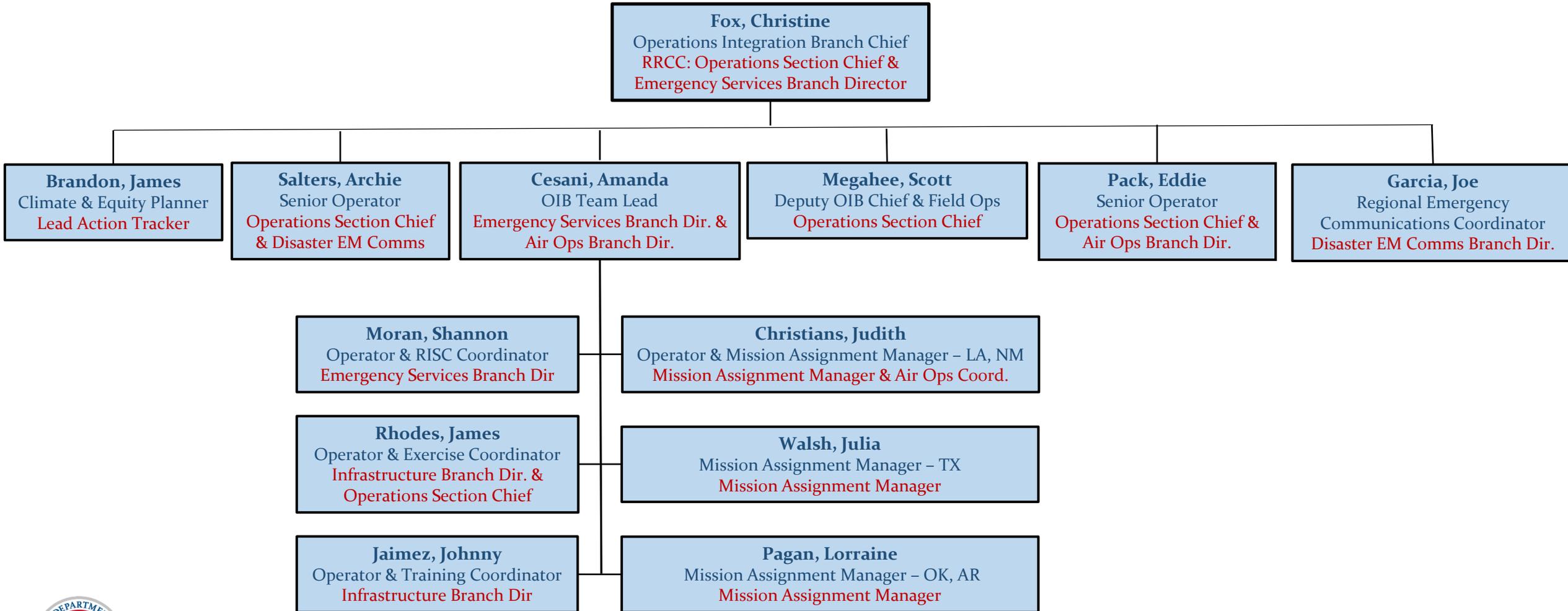
Overview

- Climate and Equity Planner, Operations
- ESF/OFA Q1 Training Day
- L348 Class coming to region
- Operations Terrain Walk (Oklahoma)



FEMA

R6 Operations Integration Branch



FEMA

Laws/Regulations/Policies

- FEMA RRCC Manual - published OCT 2023

- This document supersedes the *RISM*, and describes the principles, concepts, strategies, and roles and responsibilities used to execute the mission of the RRCC.
- Topics within the RRCC Manual: FEMA's Disaster Authorities, Tiered Responses, Defining Readiness-FEMA RRCC Staff Qualification guidelines & Reporting requirements, RRCC Activations Levels, RRCC Mission Overview and how it transitions functions to the field, IMAT overview, FEMA Backup Regions.

- Mission Assignment Policy – early 2024

- Update to the billing timeline process & Mission Assignments under Emergency Declarations revised timeline



FEMA

Accomplishments

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
VA Medical Evacuation Exercise	Houston	May 23-25, 2023
TDEM Conference	Fort Worth	May 30-June 2, 2023
Region 6 Response Hurricane Exercise	Denton	June 13-14, 2023
OIB Oklahoma Terrain Walk	Oklahoma City & Tulsa	June 26-30, 2023
Region 6 Climate & Resilience Seminar	Baton Rouge	July 9-13, 2023
CBP Visit	El Paso	July 31- August 1, 2023
NM EOC and JFO Visit	Santa Fe	August 28-31, 2023
FALL 2023 RISC & Training Day	Fort Worth	October 10-12, 2023

Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts

Description	Location	Dates
DFW Airport Airfield Assessment	DFW Airport	November/December 2023
New Madrid Planning Working Group	Denton	2024
FEMA R6 ESF / OFA Training Day	Denton RRCC	January 30 & July 30, 2024
FEMA R6 Spring RISC 2024	TBD	April 16-18, 2024
FEMA R6 Fall RISC 2024	TBD	November 5-7, 2024



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

David Gonea

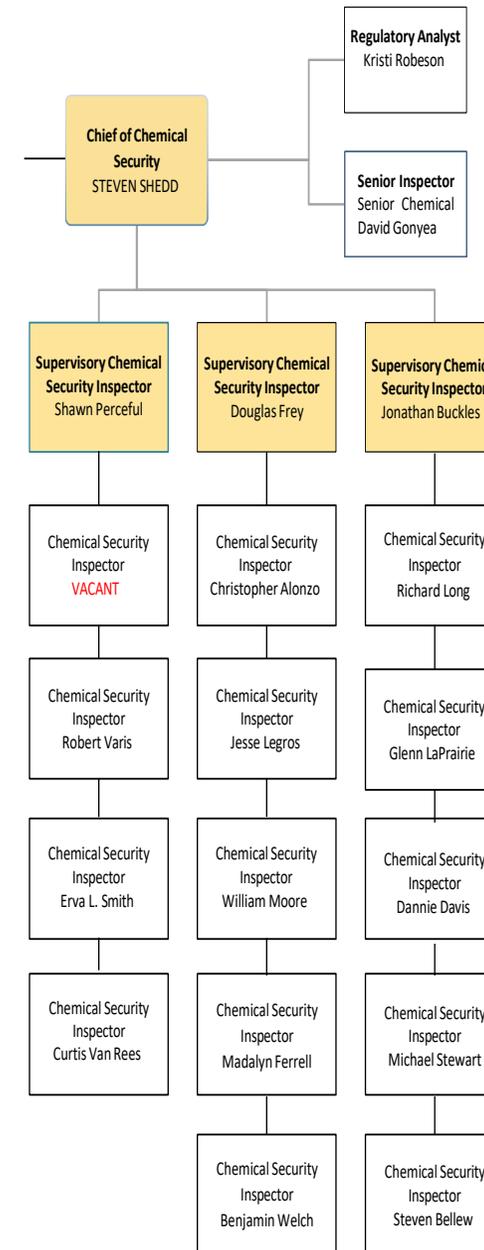


Role	RRT Member	Agency	Contact Info
Primary	Steven Shedd	US DHS / CISA	202-738-2764 steven.shedd@cisa.dhs.gov
Alternate	Shawn Perceful	US DHS / CISA	202-440-0761 shawn.a.perceful@cisa.dhs.gov
Alternate	David Gonyea	US DHS / CISA	202-329-0849 david.gonyea@cisa.dhs.gov

Overview

- Chemical Facility Anti-Terrorism Standards (CFATS) - As of July 28, 2023, the statutory authority for CFATS has expired. CISA cannot enforce compliance with the CFATS regulations at this time.
- Focus on voluntary chemical security programs: ChemLock, Operation Flashpoint, and other outreach and information sharing efforts

Agency Organization Chart



Laws/Regulations/Policies

- Chemical Facility Anti-Terrorism Standards (CFATS) - As of July 28, 2023, the statutory authority for CFATS has expired. CISA cannot enforce compliance with the CFATS regulations at this time.

Accomplishments

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
ChemLock brief to Healthcare Sector	Virtual	August 2023
ChemLock brief to Water / Wastewater Sector	Virtual	September 2023
NDOW FS Hurricane Exercise participation	Corpus Christi, TX	May 2023
CFATS and ChemLock brief to North Texas Emergency Managers	Grand Prairie, TX	June 2023
Identified ~3500 Potential Chemical Facilities of Interest using EPA Tier II data crosswalk	NA	Q4 FY 23
First voluntary chemical facility On Site Assessment- ChemLock	Westlake, LA	July 2023

Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Chemical Security Workshop for DFW area Water / Wastewater Sector	TBD	February 2024
Chemical Sector TTX- Cyber and drone attack affecting a chemical facility	St. Gabriel, LA	November 2023



Hurricane Preparedness Hotwash



- Lessons learned from the past year's activities (e.g., funding, staffing): [See below](#)
- Improvements in preparedness in the past year (e.g., new reporting system, improved contacts with facilities of concern): [N/A](#)
- Ongoing and/or new concerns (e.g., environmental justice, air monitoring, health and safety): [N/A](#)
- Things that went well this year (e.g., coordination between agencies, outreach): [Internal hurricane preparedness and participation in NDOW Hurricane Exercise.](#)
- Areas for improvement (e.g., communication between field units):
- Unique challenges (e.g., COVID, supply issues): [No CFATS reauthorization resulting in loss of primary facility database.](#)



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



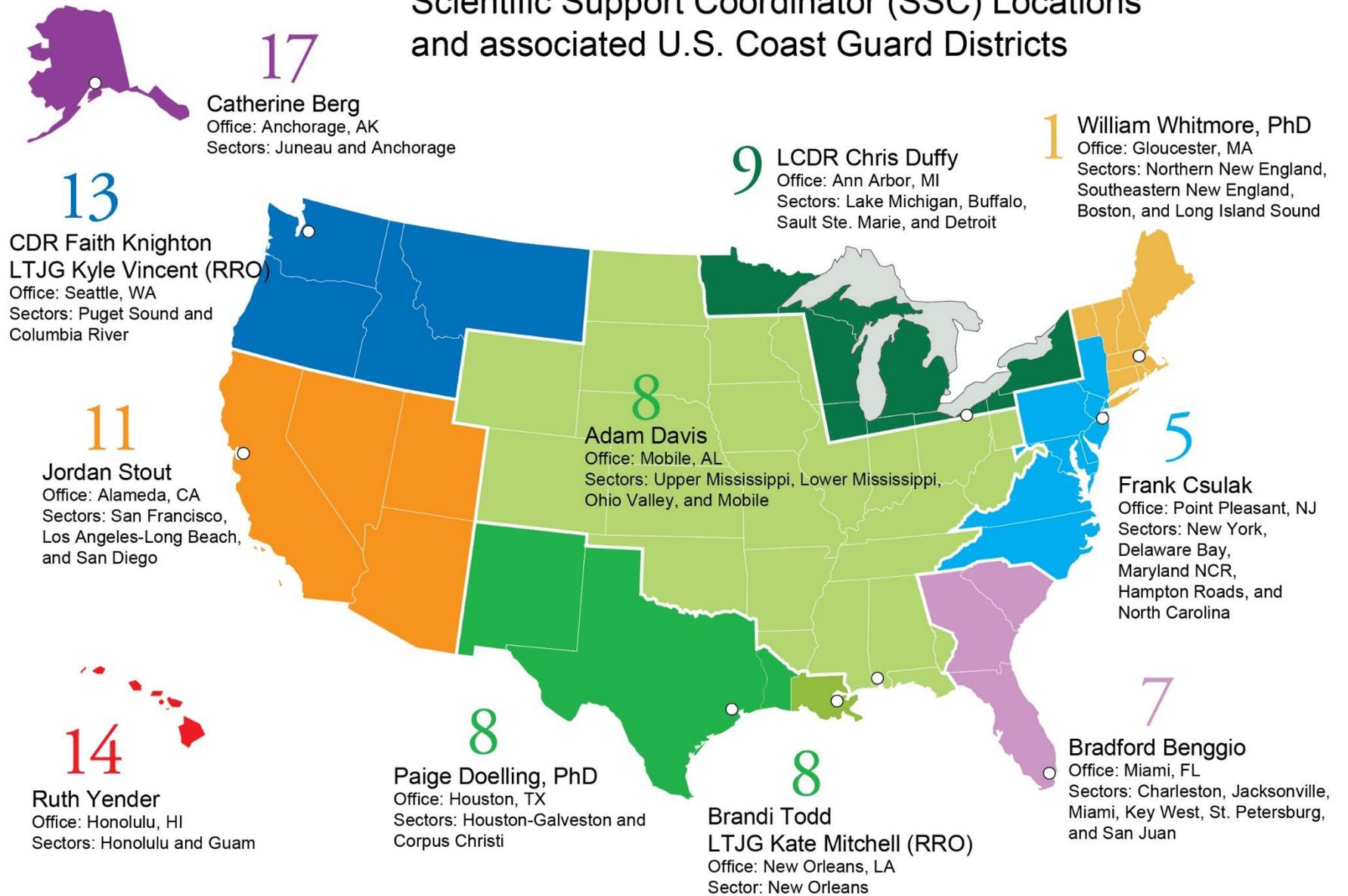
Department of Commerce (DOC) –
**National Oceanic and Atmospheric
Administration (NOAA)**



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

- **NOAA FY 24 Training**
 - SOS Mobile, March; SOS Seattle, June; SOS Ann Arbor TBD
 - SOCR Mobile, March; SOCR Seattle, May
 - NOAA/TGLO SCAT; Corpus Christi, April
- **GOM Listed Species Update**
 - No species listed since last RRT-6 meeting
 - **Proposed species:** queen conch
 - **Candidate:** smalltail shark, tope shark
 - **90-day finding:** white-spotted eagle ray
- **New job aids: Pelagic Sargassum**
 - <https://response.restoration.noaa.gov/oil-and-chemical-spills/oil-spills/oil-spills-and-pelagic-sargassum>
- **Nurdles (aka plastic pellets) Workshop**
 - Completed, report in progress
 - <https://crrc.unh.edu/resource/nurdle-spills>

Scientific Support Coordinator (SSC) Locations and associated U.S. Coast Guard Districts



RPC (Regional Preparedness Coordinator for NOAA's Disaster Preparedness Program): William Whitmore, PhD
RRO (Regional Response Officer): LTJG Kate Mitchell (Gulf Coast), LTJG Kyle Vincent (West Coast)

Updated 02/16/23



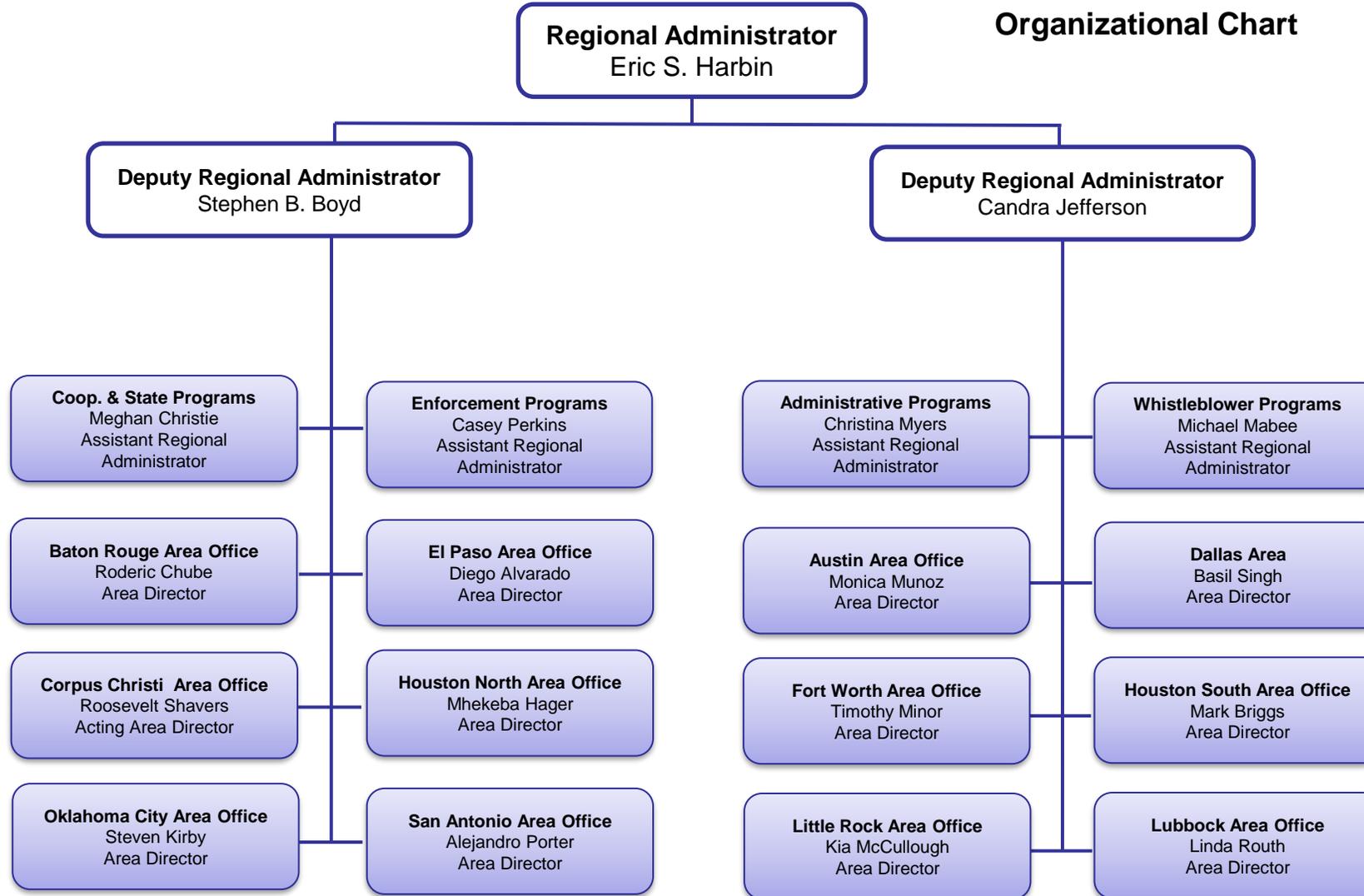
Department of Labor (DOL) –
**Occupational Safety and Health Administration
(OSHA)**

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



Role	RRT Member	Agency	Contact Info
Primary	James Nevers Emergency Response Coordinator	OSHA	Nevers.James@dol.gov 225-337-8669
Alternate	Meghan Christie, ARA Cooperative and State Programs	OSHA	Christie.meghan@dol.gov 972-850-4196

OSHA REGION VI Organizational Chart





Laws/Regulations/Policies

Department of Labor announces national emphasis program aimed at reducing, preventing workplace hazards in warehouses, distribution centers

Background

- In the past 10 years, warehousing and distribution centers have experienced tremendous growth with more than 1.9 million people employed in the industry. The Bureau of Labor Statistics data shows injury and illness rates for these establishments are higher than in private industry overall and, in some sectors, more than twice the rate of private industry.

Overview

- The warehousing and storage industry includes establishments operating facilities for general merchandise, refrigerated goods, and other products. These establishments may also provide logistical services relating to goods distribution. Potential hazards in this rapidly growing, fast-paced industry include those associated with powered industrial trucks (forklifts), ergonomics, material handling, hazardous chemicals, slip/trip/falls, and robotics. The most common injuries are musculoskeletal disorders (mainly from overexertion in lifting and lowering) and being struck by powered industrial trucks and other materials handling equipment.

Purpose

- Improve worker safety by reducing exposure to common hazards in the targeted industries such as:
 - powered industrial vehicle operations
 - material handling/storage
 - walking-working surfaces
 - means of egress
 - fire protection
- Improve worker health outcomes by reducing exposure to heat and ergonomic hazards. Both will be considered during all NEP inspections, and addressed when hazards are identified.



OSHA National News Release

U.S. Department of Labor

February 1, 2023

US Department of Labor finds ██████ exposed workers to unsafe conditions, ergonomic hazards at three more warehouses in Colorado, Idaho, New York

OSHA cites global e-commerce company for similar safety failures at six locations

WASHINGTON – The U.S. Department of Labor today announced that its Occupational Safety and Health Administration has issued [citations](#) at three more ██████ warehouses – in Aurora, Colorado; Nampa, Idaho; and Castleton, New York – for failing to keep workers safe and delivered [hazard alert letters](#) for exposing workers to ergonomic hazards. OSHA cited the multinational e-commerce company for not providing safe workplaces in violation of the OSH Act's general duty clause. The inspections follow referrals from the U.S. Attorney's Office for the Southern District of New York that led the agency to open inspections and find similar violations at other ██████ warehouse facilities in Florida, Illinois and New York in July 2022. OSHA later opened inspections in Aurora, Nampa and Castleton on Aug. 1, 2022.

At all six locations, OSHA investigators found ██████ exposed warehouse workers to a high risk of low back injuries and other musculoskeletal disorders. The risks they faced are related to the following:

- High frequency with which employees must lift packages and other items.
- Heavy weight of the items handled by workers.
- Employees awkwardly twisting, bending and extending themselves to lift items.
- Long hours required to complete assigned tasks.

OSHA reviewed on-site injury logs required by federal law and discovered that, in fact, ██████ warehouse workers experienced high rates of musculoskeletal disorders. OSHA proposed \$46,875 in penalties for the violations at the Aurora, Nampa and Castleton facilities.

"█████'s operating methods are creating hazardous work conditions and processes, leading to serious worker injuries," explained Assistant Secretary for Occupational Safety and Health Doug Parker. "They need to take these injuries seriously and implement a company-wide strategy to protect their employees from these well-known and preventable hazards."

On Jan. 30, 2023, the U.S. District Court for the Western District of Washington extended the OSH Act's six-month limitations period related to the investigations at these three facilities while ██████ complied with outstanding subpoenas and, accordingly, OSHA's investigation continues.

In December 2022, OSHA [cited](#) ██████ [for 14 recordkeeping violations](#) as part of the same investigation.

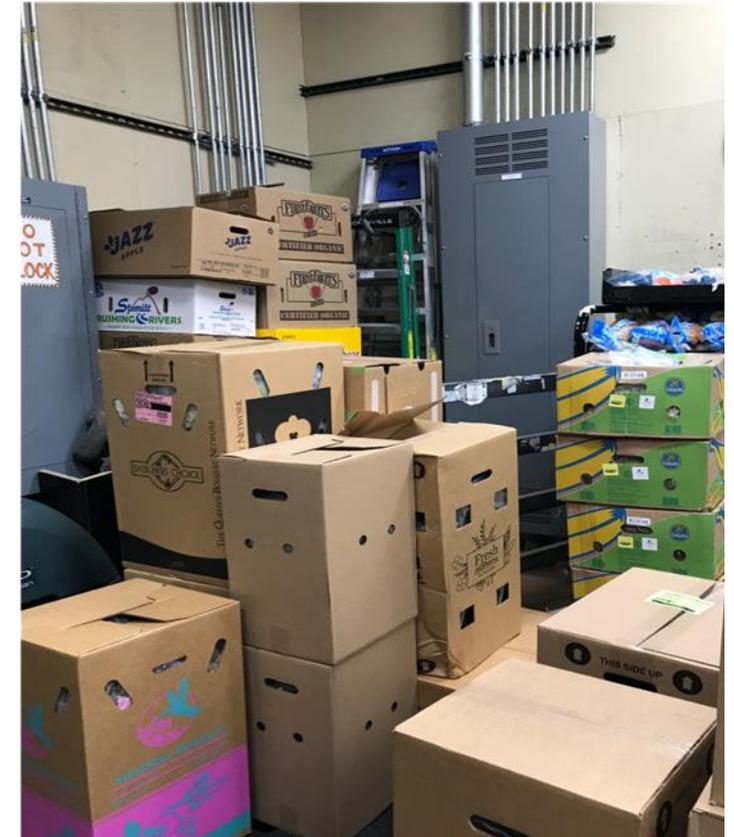
█████ has 15 business days from receipt of the current citations and proposed penalty to comply, request an informal conference with OSHA's area director, or contest the findings before the [Occupational Safety and Health Review Commission](#).

Potential Hazards

Hazard	Source
Slips and Trips	Floors: wet, icy; Housekeeping issues
Vehicles: Vehicle Accidents	Mechanical Handling Equipment: forklifts, etc.
Falls	Overhead Storage Platforms
Crushing: Shifting or Falling Material	Mechanical Handling Equipment, Dock Boards, Stored Material
Respiratory Ailments, Headaches	Carbon Monoxide

Commonly cited standards for this industry

1910 Subpart D	Walking-working surfaces
1910 Subpart E	Exit routes & Emergency Planning
1910 Subpart F	Manlifts
1910 Subpart G	Occupational Health and Environmental Control
1910 Subpart H	Hazardous Materials
1910 Subpart I	Personal Protective Equipment
1910 Subpart J	General Environmental Controls
1910 Subpart K	Medical and First Aid
1910 Subpart L	Fire Protection
1910 Subpart N	Materials Handling and Storage
1910 Subpart O	Machinery and Machine Guarding
1910 Subpart P	Hand and Portable Powered Tools & other Hand-Held Equipment
1910 Subpart S	Electrical
1910 Subpart Z	Toxic and Hazardous Substances







Occupational Safety and Health Administration
www.osha.gov

Worker Safety Series
Warehousing



OSHA 3220-10N 2004

Materials Handling Safety

- There are appropriately marked and sufficiently safe clearances for aisles and at loading docks or passageways where mechanical handling equipment is used.
- Loose/unboxed materials which might fall from a pile are properly stacked by blocking, interlocking or limiting the height of the pile to prevent falling hazards.
- Bags, containers, bundles, etc. are stored in tiers that are stacked, blocked, interlocked and limited in height so that they are stable and secure to prevent sliding or collapse.
- Storage areas are kept free from accumulation of materials that could lead to tripping, fire, explosion or pest infestations.
- Excessive vegetation is removed from building entrances, work or traffic areas to prevent possible trip or fall hazards due to visual obstructions.
- Derail and/or bumper blocks are provided on spur railroad tracks where a rolling car could contact other cars being worked on and at entrances to buildings, work or traffic areas.
- Covers and/or guardrails are provided to protect personnel from the hazards of stair openings in floors, meter or equipment pits and similar hazards.
- Personnel use proper lifting techniques.
- Elevators and hoists for lifting materials/containers are properly used with adequate safe clearances, no obstructions, appropriate signals and directional warning signs.

Hazard Communication Safety

- All hazardous materials containers are properly labeled, indicating the chemical's identity, the manufacturer's name and address, and appropriate hazard warnings.
- There is an updated list of hazardous chemicals.
- The facility has a written program that covers hazard determination, including Material Safety Data Sheets (MSDSs), labeling and training.
- There is a system to check that each incoming chemical is accompanied by a MSDS.
- All employees are trained in the requirements of the hazard communication standard, the chemical hazards to which they are exposed, how to read and understand a MSDS and chemical labels, and on what precautions to take to prevent exposure.
- All employee training is documented.
- All outside contractors are given a complete list of chemical products, hazards and precautions.
- Procedures have been established to maintain and evaluate the effectiveness of the current program.
- Employees use proper personal protective equipment when handling chemicals.
- All chemicals are stored according to the manufacturer's recommendations and local or national fire codes.

Forklift Safety

- Powered industrial trucks (forklifts) meet the design and construction requirements established in American National Standard for Powered Industrial Trucks, Part II ANSI B56.1-1969.
- Written approval from the truck manufacturer has been obtained for any modifications or additions that affect the capacity and safe operation of the vehicle.
- Capacity, operation and maintenance instruction plates, tags or decals are changed to specify any modifications or additions to the vehicle.
- Nameplates and markings are in place and maintained in a legible condition.
- Forklifts that are used in hazardous locations are appropriately marked/approved for such use.
- Battery charging is conducted only in designated areas.
- Appropriate facilities are provided for flushing and neutralizing spilled electrolytes, for fire extinguishing, for protecting charging apparatus from damage by trucks and for adequate ventilation to disperse fumes from gassing batteries.
- Conveyors, overhead hoists or equivalent materials handling equipment are provided for handling batteries.
- Reinstalled batteries are properly positioned and secured.
- Carboy tilters or siphons are used for handling electrolytes.

- Forklifts are properly positioned and brakes applied before workers start to change or charge batteries.
- Vent caps are properly functioning.
- Precautions are taken to prevent smoking, open flames, sparks or electric arcs in battery charging areas and during storage/changing of propane fuel tanks.
- Tools and other metallic objects are kept away from the top of uncovered batteries.
- Concentrations of noxious gases and fumes are kept below acceptable levels.
- Forklift operators are competent to operate a vehicle safely as demonstrated by successful completion of training and evaluation conducted and certified by persons with the knowledge, training and experience to train operators and evaluate their performance.
- The training program content includes all truck-related topics, workplace-related topics and the requirements of 29 CFR 1910.178 for safe truck operation.
- Refresher training and evaluation is conducted whenever an operator has been observed operating the vehicle in an unsafe manner or has been involved in an accident or a near-miss incident.
- Refresher training and evaluation is conducted whenever an operator is assigned to drive a different type of truck or whenever a condition in the workplace changes in a manner that could affect safe operation of the truck.
- Evaluations of each operator's performance are conducted at least once every three years.

Accomplishments

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Participated in OSHA Emergency Preparedness and Response State Training Exercise	Washington D.C. - Virtual	July 2023
Participated in 2023 Eagle Horizon Exercise	Washington D.C. - Virtual	August 2023
Region VI Area Offices participated in more than 16 Safe + Sound events by	OSHA Region 6	August 2023
Region VI Area Offices participated in more than 33 Labor Rights Week events	OSHA Region 6	August – September 2023

Outlook

Until Next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Met with the National Day Laborer Organizing Network (NDLON), about coordination on disaster preparedness and recovery operations.	OSHA Region 4 & 6 Virtual	August 25, 2023
Developing an OSHA Region 6 emergency preparedness and response tabletop exercise	OSHA Region 6	On Going
Inspections may begin under the Warehousing National Emphasis Program	Nationwide	October 13, 2023



Department of the Interior (DOI)

Rebecca (Becky) Collins

Department of the Interior

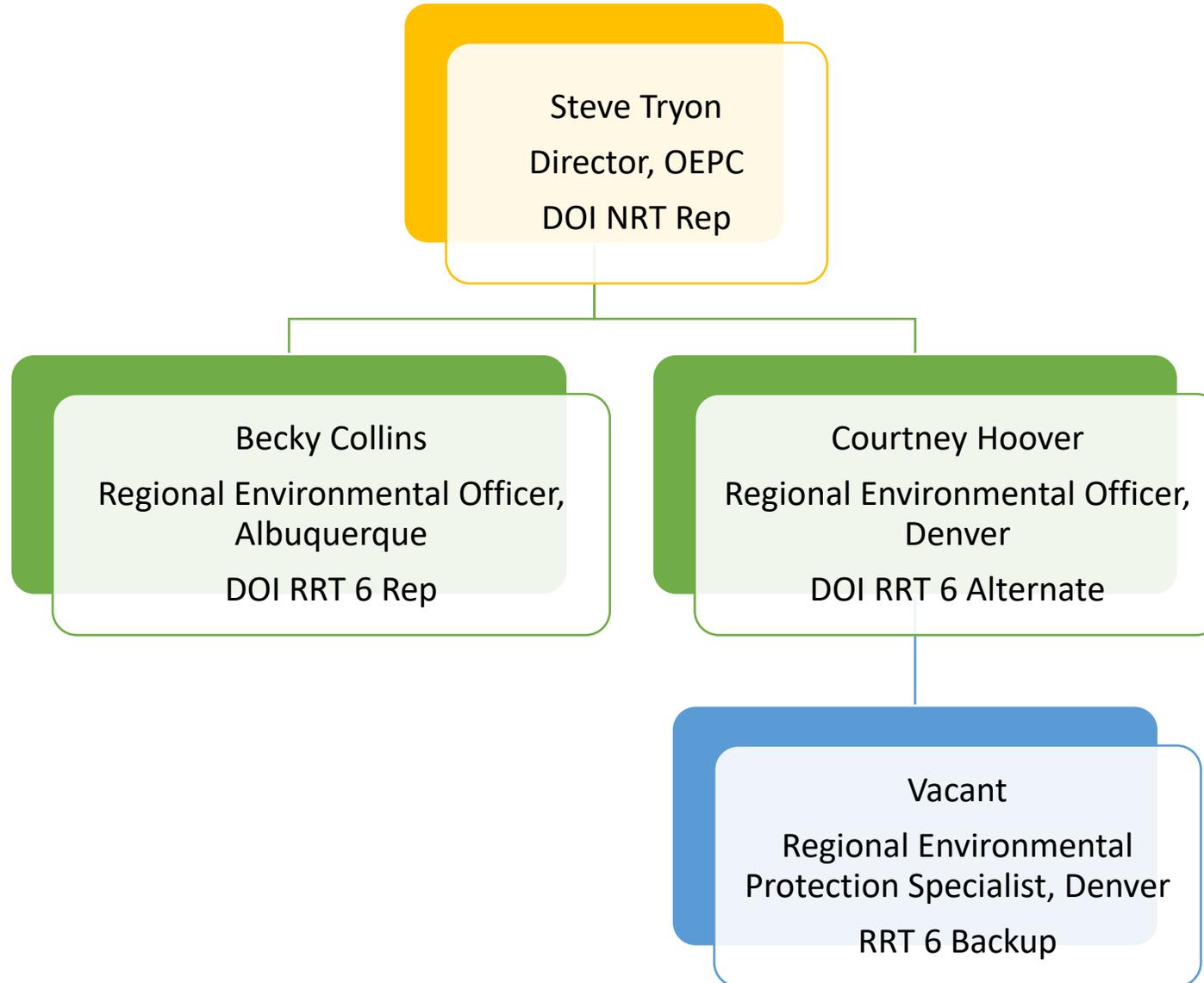


Office of Environmental Policy & Compliance (OEPC) Contacts

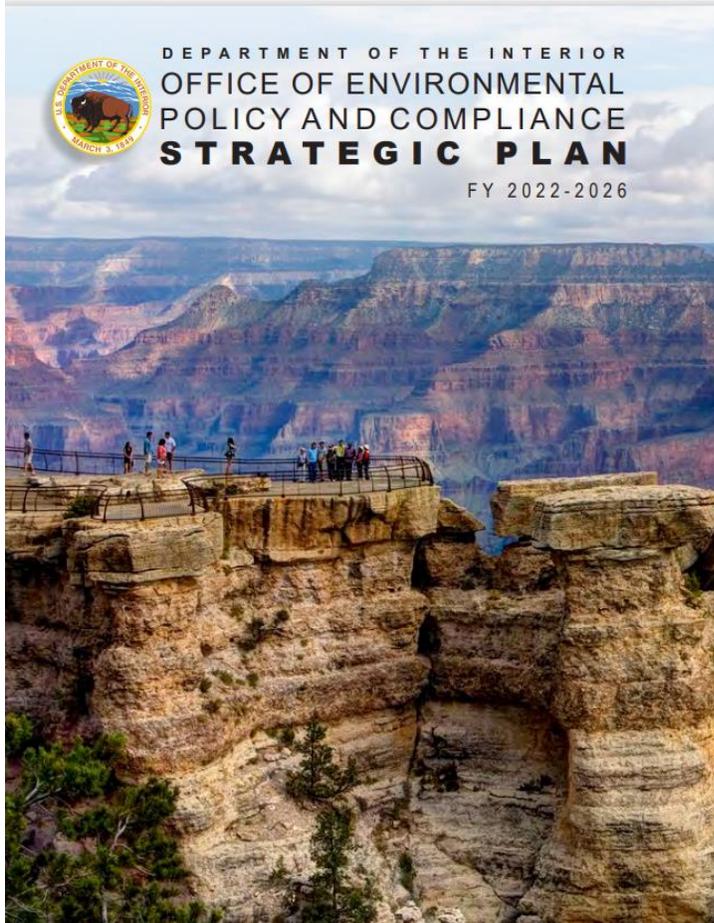
Role	RRT Member	Agency	Contact Info
Primary	Becky Collins	DOI-OEPC	720-814-6167 rebecca_collins@ios.doi.gov
Alternate	Courtney Hoover	DOI-OEPC	303-478-3373 courtney_hoover@ios.doi.gov
Backup	Vacant*	DOI-OEPC	

*DOI ABQ/DEN Regional Environmental Protection Specialist (REPS) is vacant, effective 8/2023

Agency Organization Chart



Agency Updates



The **Office of Environmental Policy and Compliance (OEPC) 2022-2026 Strategic Plan** is now available to the public. The plan outlines OEPC's role, goals, actions, and deliverables as it relates to cleanup programs, environmental response and recovery, sustainability and environmental compliance, NEPA and Permitting, and Environmental Justice.

<https://www.doi.gov/sites/doi.gov/files/oepc-strategic-plan-fy-2022-2026.pdf>

DOI Inland Oil Spill Preparedness Program receives approximately \$2 Million each year to fund bureau projects that support oil spill preparedness. Currently reviewing FY24 project proposals. Recently created a working group to evaluate DOI training and tribal training opportunities.

<https://www.fws.gov/training/inland-oil-spill-for-doi-response-webinar-series>

Agency Accomplishments

Since last RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Interagency Climate Change Workshop	Denver, CO	September 19-20, 2023
HAZWOPER Training for Spill Response Partners (IOSPP Funding)	5 tribal communities in Rural AK	FY22-23

Agency Outlook

Until next RRT meeting

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Colorado River Spill Exercise	Grand Junction, CO	Nov 7-8, 2023
Best Practices for Migratory Bird Care During Oil Spill Response	FWS HQ	November 2023
DOI Inland Oil Spill Response Training	NCTC, Shepherdstown, WV Puerto Rico	March 4-8, 2024 TBD
DOI Historic Preservation Specialist Workshop	Twin Cities, MN	Spring 2024
FWS Tabletop Exercise – Deep Fork NWR	Okmulgee, OK	TBD



Bureau Updates - FWS

FWS Contacts

FWS-Spill Response	National Spill Response Coordinator/EPA R 6 Liaison	Barry Forsythe	barry_forsythe@fws.gov
FWS-Spills/Contaminates	Regional Spill Response NM, TX, OK	Lynn Wellman Mary Maddux	lynn_wellman@fws.gov mary_maddux@fws.gov
FWS – Spills/Contaminates	Regional Spill Response AR, LA	Rob Tawes Jimmy Laurent	robert_tawes@fws.gov jimmy_laurent@fws.gov
FWS - NM	Spill Response/ESA	Lynn Wellman	lynn_wellman@fws.gov
FWS - AR	Spill Response/ESA	Chris Davidson Steve Alexander	chris_davidson@fws.gov steven_alexander@fws.gov
FWS-LA SE	Oil & Gas, SE Refuges	Jimmy Laurent Chelsea Stringfield	jimmy_laurent@fws.gov chelsea_stringfield@fws.gov
FWS-LA SW	Oil & Gas, SW Refuges	Vacant	Contact Jimmy and Chelsea
FWS-LA ESA	ESA	Amy Trahan	amy_trahan@fws.gov
FWS-TX	Spill Response/ESA for Inland & Coastal	Erik Orsak Denise Ruffino Heather Biggs Monique Slaughter	erik_orsak@fws.gov denise_ruffino@fws.gov heather_biggs@fws.gov monique_slaughter@fws.gov
FWS-OK	Spill Response/ESA	Jonathan Fischer Todd Adornato	jonathan_fischer@fws.gov todd_adornato@fws.gov



Bureau Updates - FWS

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

Species	Geographic Area	<u>DECISION</u>	Effective Date	Federal Register Link
Western fanshell	AR, OK	Final Listing as Threatened and Critical Habitat	7/27/23	88 FR 41724 6/27/23
Ouachita fanshell	AR, LA			
Cactus ferruginous pygmy-owl	Brooks, Cameron, Duval, Hidalgo, Jim Hogg, Jim Wells, Kenedy, Kleberg, Starr, Webb, Willacy, and Zapata Counties, TX	Final Listing as Threatened	8/21/23	88 FR 46910 7/20/23
Illinois chorus frog	AR	Not Warranted	7/25/23	88 FR 47839 7/25/23
Chihuahua catfish	NM and TX	Not Warranted	8/23/23	88 FR 57388 8/23/23
Turgid blossom	AR	Extinct	10/17/23	88 FR 71644 10/17/23
Bachman's warbler				



Bureau Updates - FWS

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

Species	Geographic Area	<u>UNDER REVIEW</u>	Comment Period	Federal Register Link
Swale paintbrush	Hidalgo County, NM	Proposed Listing as Endangered	6/8/23-8/7/23	88 FR 37490 6/8/23
Navasota false foxglove	Grimes and Tyler Counties, TX	Proposed Listing as Endangered	6/13/23-8/14/23	88 FR 38455 6/13/23
Dunes sagebrush lizard	Chaves, Eddy, Lea and Roosevelt Counties, NM and Andrews, Crane, Ector, Gaines, Upton, Ward and Winkler Counties, TX	Proposed Listing as Endangered	7/3/23-10/2/23	88 FR 59837 7/3/23
Salina mucket	Brewster, Terrell, and Val Verde Counties, TX	Proposed Listing as Endangered	7/25/23-9/25/23	88 FR 47952 7/25/23
Mexican fawnsfoot	Maverick, Webb, and Zapata Counties, TX			



Bureau Updates - FWS

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

Species	Geographic Area	<u>UNDER REVIEW</u>	Comment Period	Federal Register Link
Sacramento Mountains checkerspot butterfly	Otero County, NM	Proposed Critical Habitat	8/10/23-10/10/23	88 FR 54263 10/10/23
Texas kangaroo rat	Comanche, Cotton, Jackson, and Tillmon Counties, OK and Archer, Baylor, Childress, Clay, Cottle, Foard, Hardeman, Montague, Motley, Wichita, and Wilbarger Counties, TX	Proposed Listing as Endangered	8/17/23-10/16/23	88 FR 55962 8/17/23
Edwards Aquifer blindcats Toothless and Widemouth	Bexar County, TX	Proposed Listing as Endangered	8/22/23-10/23/23	88 FR 57046 8/22/23
Salamander mussel	AR	Proposed listing as Endangered	8/22/23 – 10/23/23	88 FR 57224 8/22/23

DOI Bureau Contacts Continued

BIA	National	Sherry Kircher	sherry.kircher@bia.gov
BIA	Eastern Region (AR, LA)	Jerry Page Keith Bluecloud	jerry.paige@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 Stephanie Henderson	david.anderson@bia.gov stephanie.henderson@bia.gov
BIA	Eastern Oklahoma (portions of OK)	Mosby Halterman	mosby.halterman@bia.gov
BLM	NM, TX, OK, KS	Dave Jevons	dejevons@blm.gov
NPS	National	Dave Anderson	d_l_anderson@nps.gov
NPS	Midwest Region (AR)	Olivia Garcia	olivia_garcia@nps.gov
NPS	Southwest Region (LA)	Kelly Kachurak	kelly_kachurak@nps.gov
NPS	Intermountain Region (NM, OK, TX)	Paul Torcoletti	paul_torcoletti@nps.gov

Contact Becky Collins for Bureau of Reclamation, US Geological Service, and Office of Surface Mining & Reclamation contacts



Bureau Updates - BSEE

BSEE Contacts

BSEE – OSPD (Planning & Preparedness)	GOM Supervisor	Sara Moore	sara.moore@bsee.gov
BSEE – OSPD (Planning & Preparedness)	Senior Preparedness Analyst	Cullen Jones	cullen.jones@bsee.gov
BSEE – GOM Region (Response)	Source Control Support Coordinator	James Fletcher	james.fletcher@bsee.gov

Position Update

New BSEE-OSPD RRT6 Rep, Cullen Jones, Senior Preparedness Analyst



Bureau Updates - BSEE

- BSEE Decommissioning of Orphaned Wells Project - 2023
 - Abandonment of Orphaned wells on the OCS – Matagorda Island blocks
 - Contractors expected to commence decommissioning operations in Summer 2024
 - Facilities became orphaned due to operator liquidation via bankruptcy
- BSEE Offshore ACP Development Project
 - All deliverables have been completed and posted to BSEE website
 - Incorporated by reference into relevant ACPs in the WCD info section
 - IAA with NOAA to upload GOM ESI data on ERMA



BSEE Hurricane Response

2023 Hurricane Season

- BSEE's Hurricane Response Team
 - Hurricane Idalia
 - Production Curtailment in New Orleans District totaling 65,924 bbls oil
 - One evacuation of a manned platform in Houma District

BSEE Accomplishments



Since last RRT meeting
May 2023

Federal, state, and local Planning and Coordination Efforts		
Description	Location	Dates
Two Capping Stack Deployment Drills	GOM	May 2023
Two BSEE GIUEs (since last RRT meeting)	GOM	Aug & Sep 2023
BSEE participated in the Sector Mobile PREP Exercise	GOM	Oct 2023
24 Operator-led FE/FSE Audits; 22 Response Equipment Deployment Audits; 43 Equipment Verifications	GOM	FY 23

Action Items

No	Items	Assigned To
1		
2		
3		
4		

Closing Remarks

Co-Chairs



Craig Carroll, U.S. EPA



Michael Sams, USCG

Welcome to the Fall 2023 Meeting



3 Nov 2023

Day 2

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

Opening Remarks

Co-Chairs



Craig Carroll, U.S. EPA



Michael Sams, USCG

Bureau of Safety and Environmental Enforcement (BSEE) – 2023 Capping Stack Drills

Eric Miller, BSEE

2023 Gulf of Mexico Capping Stack Drills

Regional Response Team (RRT) 6 2023 Fall Meeting

Eric Miller
Chief, Oil Spill Preparedness Division



Bureau of Safety and Environmental Enforcement

Promoting Safety, Protecting the Environment and Conserving Offshore Resources

What should you take away from this presentation?



1. Capping stacks are **important source control technologies** for offshore facility spills.
2. The use of capping stacks and other subsea response technologies should be **discussed and exercised regularly**.



**“Like mowing a 40-acre field
with a 1/4-inch lawn mower.”**

Ed Tennyson commenting to the *Wall Street Journal*
during the *TV Exxon Valdez* Oil Spill.

Source Control is essential for any spill response.



Pipeline Pin Hole Leak Clamp



Capping Bags

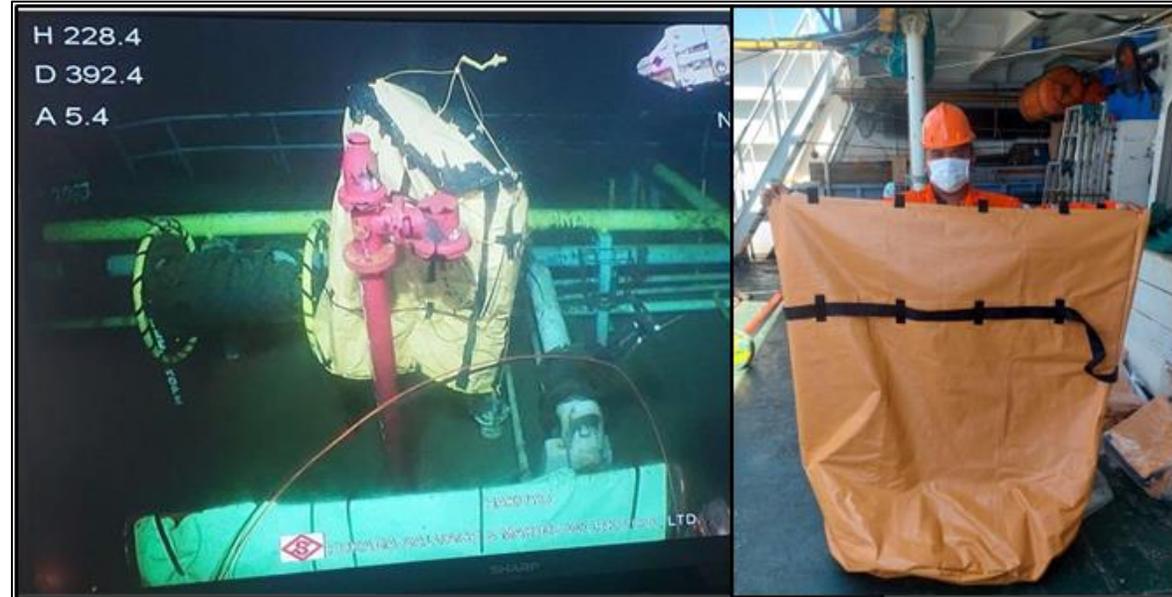
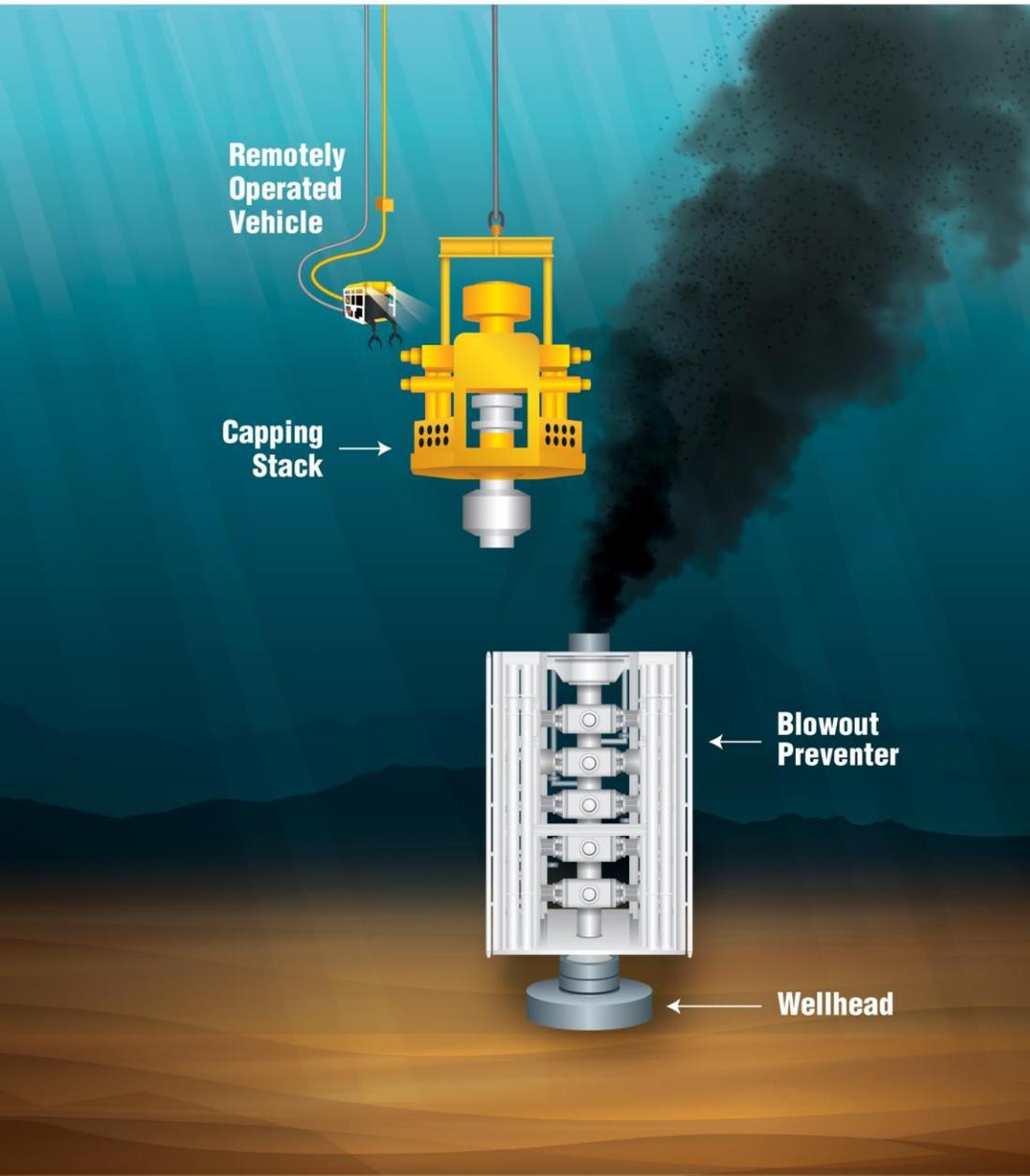


Photo: U.S. Navy SupSalv - *MT Princess Empress* Spill Response – Mindoro, Philippines -

<https://www.youtube.com/watch?app=desktop&v=2yYsdQmhw3U>



Containing a Well Blowout



30 CFR § 250.105 - Definitions.

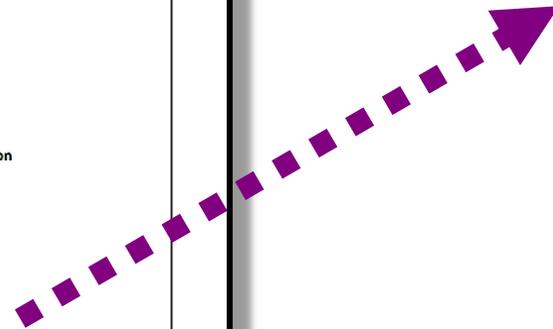
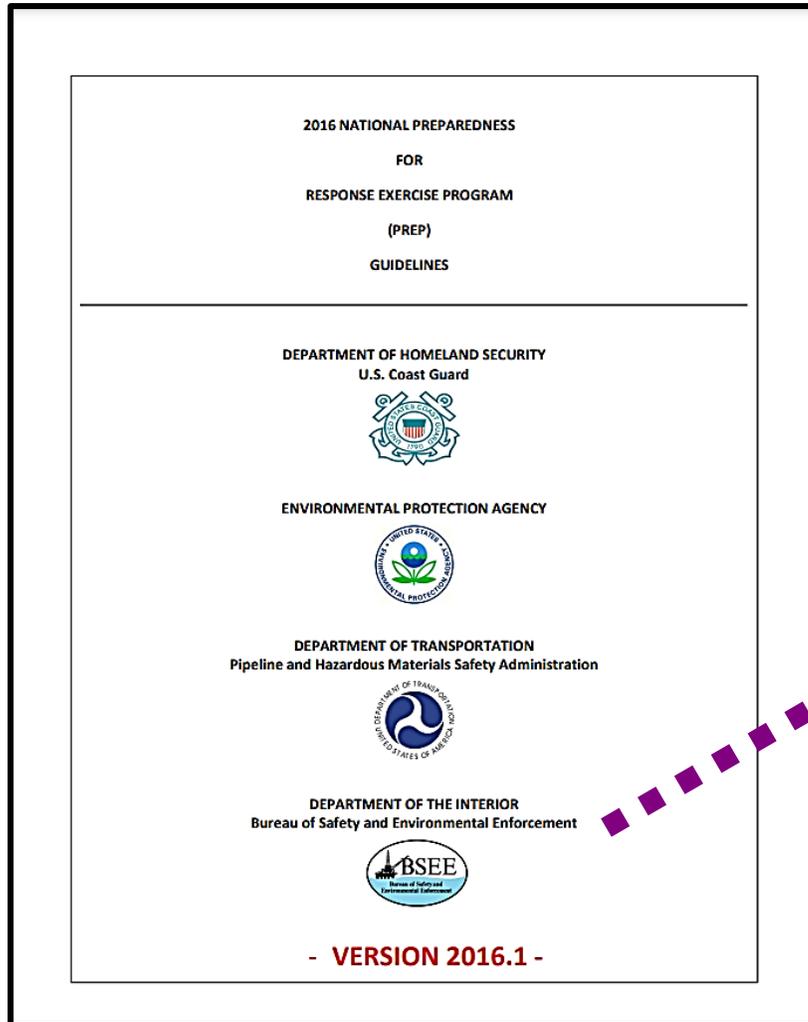
Capping stack means a mechanical device, including one that is pre-positioned, that can be installed on top of a subsea or surface wellhead or blowout preventer to stop the uncontrolled flow of fluids into the environment.

BSEE Director Kevin Sligh, Sr., discussed the need to conduct capping stack deployment drills at the 2022 Clean Gulf Conference.



Source Control Provider	Operator	Equipment Deployed
		<p>15,000 psi Capping Stack from Houston, Texas.</p>
		<p>15,000 psi Capping Stack from Ingleside, Texas.</p>

National Preparedness For Response Exercise Program (PREP) Guidelines addresses subsea responses.



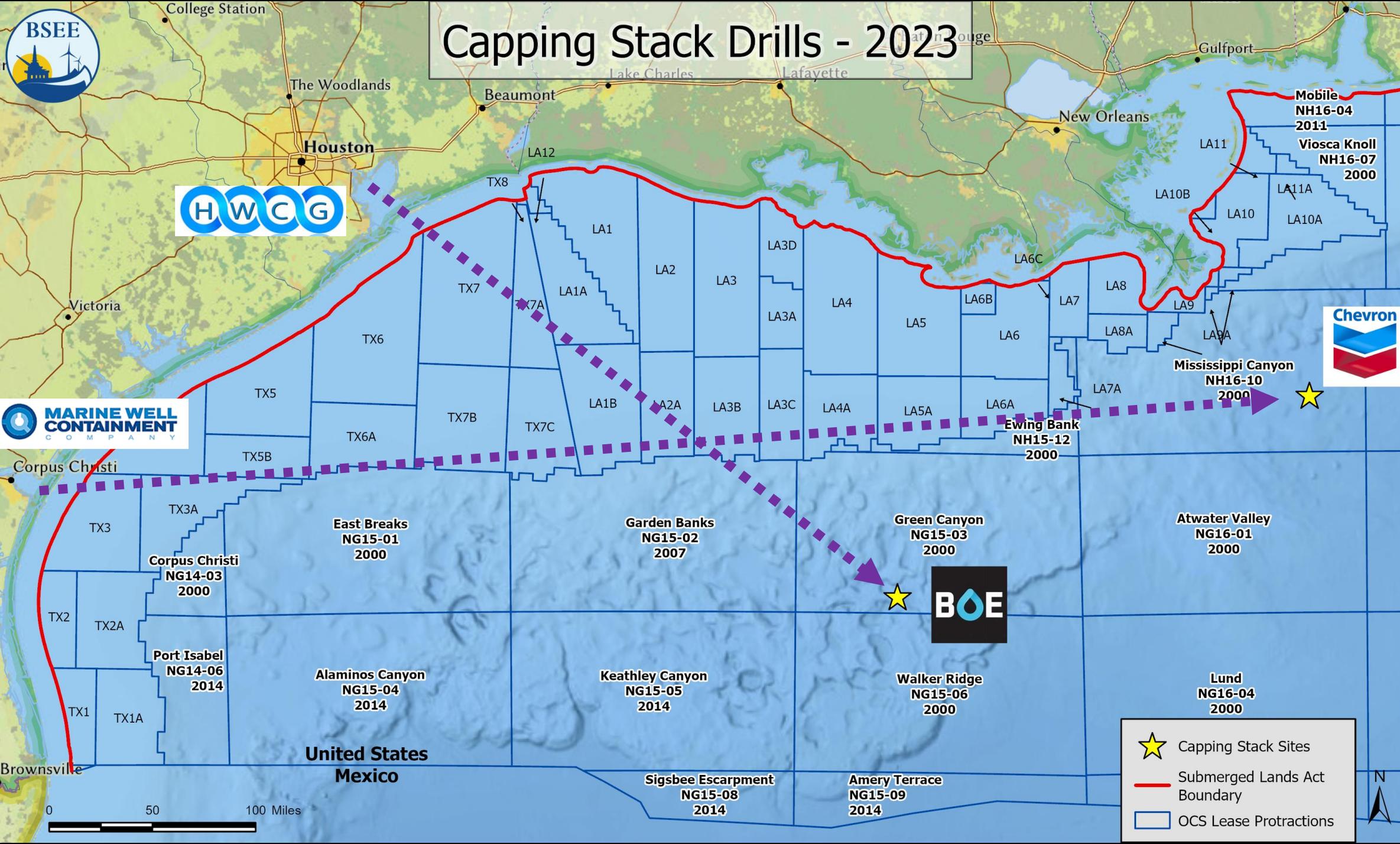
6.5
DRILL: Equipment Deployment – Offshore Facility (Source Control, subsea containment, and SSDI equipment)

BSEE used NPREP's four drill objectives.



1. **Demonstrate ability of the operator** to conduct timely and proper mobilization, deployment, and operation of equipment in a safe manner.
2. **Procure in a timely manner** the resources and personnel necessary to ensure an effective capping stack deployment.
3. **Evaluate the operating condition** and the ability to achieve the equipment's defined operating specifications during the exercise.
4. **Identify any corrections** necessary to address any noncompliance or preparedness issues encountered while conducting the exercise and the incorporation of these corrections into the applicable plan (regional containment demonstration, oil spill response plan, deployment procedures, etc.).

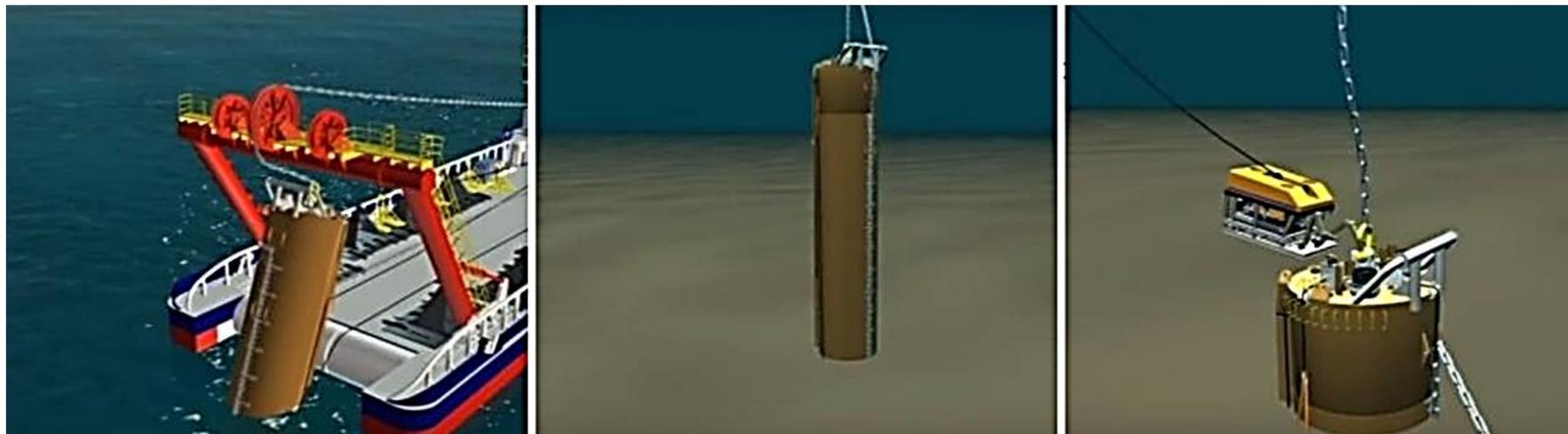
Capping Stack Drills - 2023



- ★ Capping Stack Sites
- Submerged Lands Act Boundary
- OCS Lease Protractions



BOE and Chevron installed suction piles with artificial wellheads for their respective drills.





Source Control Provider	Operator	Drill Dates
		<p>Start - May 7, 2023</p> <p>Stop - May 10, 2023</p> <p>3 days</p>
		<p>Start - May 19, 2023</p> <p>Stop - May 23, 2023</p> <p>4 days</p>

Drill Walkthrough May 19 – 23, 2023

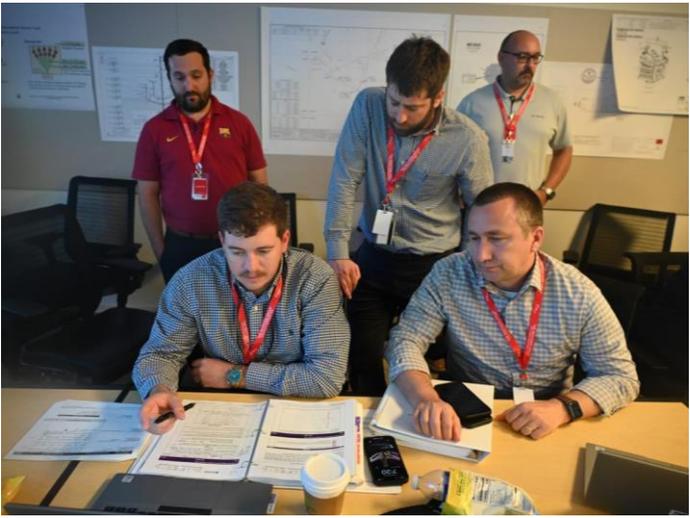




Click link below

[MWCC Demonstration Video on Vimeo](#)

BSEE personnel observed and evaluated all stages of the drills.





5-23-2023
Chevron Capping
Stack Drill



7-12-2010
BP Capping of
Macondo Well
Blowout

Remember that . . .



1. Capping stacks are **important source control technologies** for offshore facility spills.
2. The use of capping stacks and other subsea response technologies should be **discussed and exercised regularly**.





SWL 250t - 14m
SWL 75t - 36m

785-423 10-1277





Photo: Oceanengineering





Photo: BSEE

CAGE
THR: 134ft
DPT: 6129ft
HDG: 242
TRN: -0.1

315 330 345 0 15 30
P: 0 350.5 R: 2
TRN: 0.2

ROV
DPT:6214.2ft
ALT: 7.5ft
BTY:6221.8ft

MIL 194
OCEANEERING

E: 120°18'10" W: 110°54'10" ALT: 4.6ft
Site Name

2023-05-23
16:00:48

GAGE
THR: 138ft
DPT: 6129ft
HDG: 308
TRN: 0.1

ROV
DPT:6214.1ft
ALT: 7.8ft
BTY:6221.9ft

330 345 0 15 30 45 60
P 0 14.9 R: 1
TRN: 0.1

MARINE WELL
CONTAINMENT

ALLIANCE
87

MIL 194
OCEANEERING

E: 1220659.85 10280668.0ft
Dive Number

2023-05-23
16:18:31

CAGE
THR: 433ft
DPT: 6092ft
HDG: 305
TRN: -0.5

60 75 90 105 120 135 15
P: 5
104.1
R: -5
TRN: 0.0

ROV
DPT: 6197.9ft
ALT: 14.9ft
BTY: 6212.8ft

INJECTION PANEL
CIV-1 CIV-2 CIV-3 CIV-4

MIL 87
OCEANEERING

E: 1220173.4ft N: 10280680.8ft
Dive Number: 2

2023-05-23
18:42:53

12,650 psi
— lbi
— FL

Add Step

Current 1 Next 1a

Nowly Pressurized Crossbody (6,10), Crossbody (6,11), Crossbody (6,12), Risar (6,8)
Previously Pressurized —

Step 1 Pending

Pressure Criteria

Single Stage Flat Line

Test Pressure: 12,650 psi

Box Length: 10 min

Max. Falloff: 3.0 psi/min

Use Trend Analysis: No

Diagrams

Schematic: MWCC Capping Stack Deployment

Tested Components

Nowly Pressurized: Crossbody (6,10), Crossbody (6,11), Crossbody (6,12), Risar (6,8)

Previously Pressurized: —

Pressure Alerts

Plan Step Notes

Increase pressure on the RW supply line to 3,775 psi. Wait 15 seconds then slowly increase pressure in increments of 500 psi to 5,775, 9,500, 12,325 and to 13,150 psi

HP Avg < 3.0 psi/min over 10 min
Validation pending

Elapsed Time —

Rate of Change —

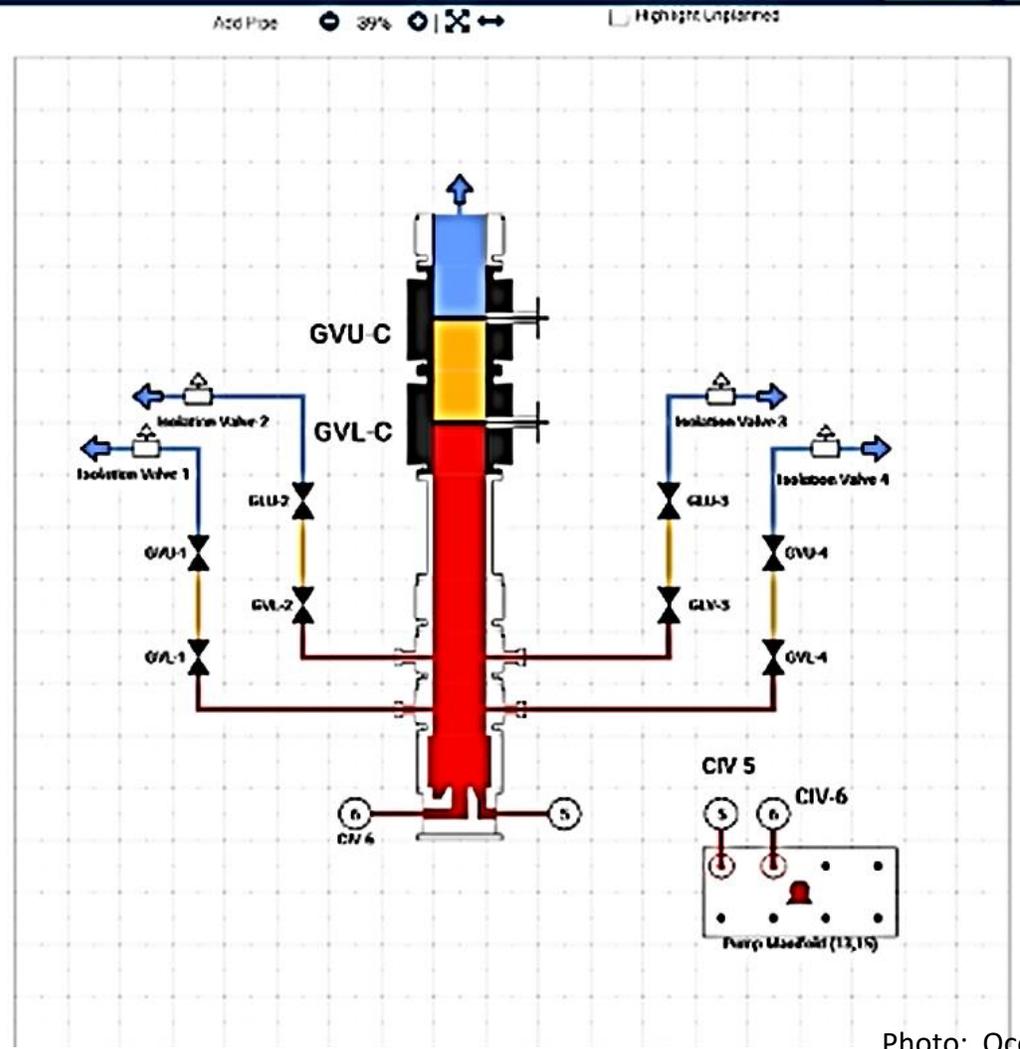
Pressure **2,758** psi

Rate —	Volume —
--------	----------

Connected - Click START to initialize

START BEGIN ANALYSIS STOP

Test Criteria



12,650 psi
— bbl
— FL

Add Step

Current **Next** 1a

Nowly Pressurized Crossbody (6,16), Crossbody (6,11), Crossbody (5,12), Riser (6,8)

Previously Pressurized —

Attempt 1

Comments

Actions Taken

HIP Avg < 3.0 psi/min over 10 min
Flat-Line Pass

Elapsed Time
00:49:39

Rate of Change -0.6 psi/min

Pressure 13,205 psi

Rate — Volume —

Test passed - Click END ATTEMPT to end the current attempt

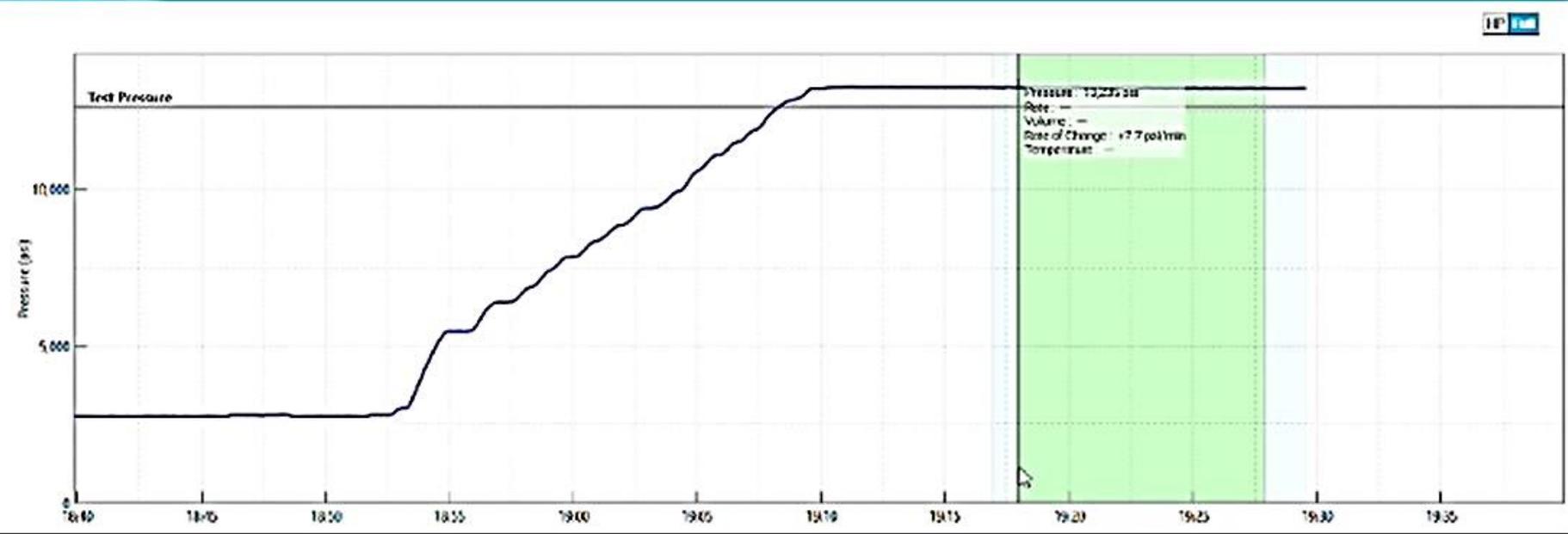
PAUSE RESTART ANALYSIS END ATTEMPT

Attempt 1

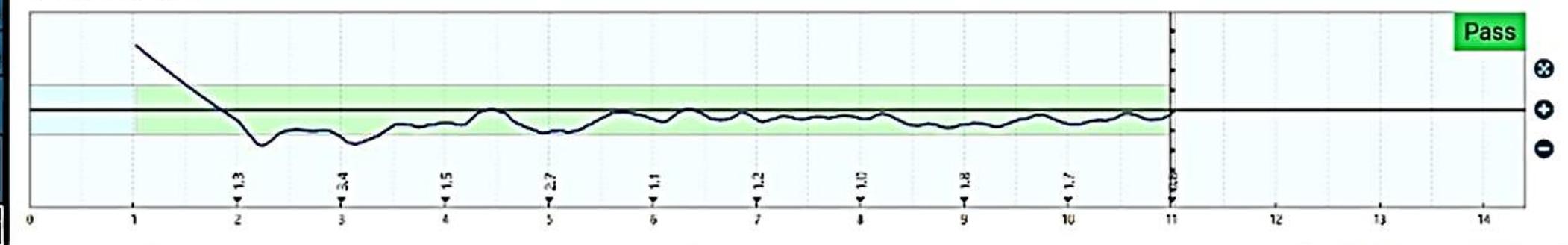
Compare Charts Summary Comments Serialized Components

Pressure

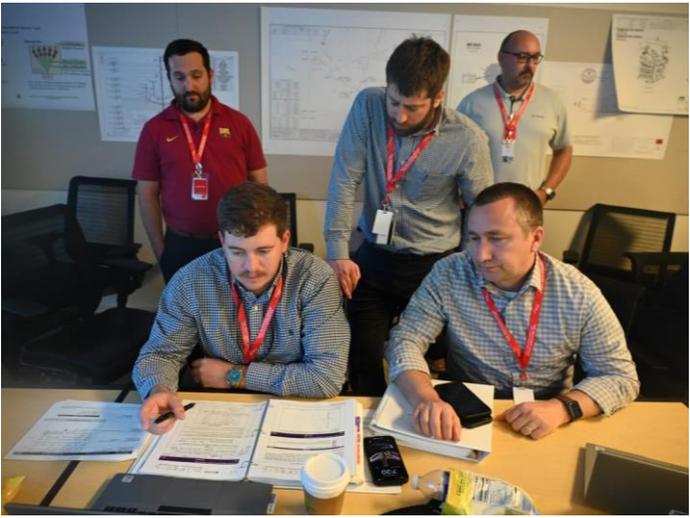
Date: 2023-05-23
Time: 07:17:57
Attempt: 1
Elapsed: 00:38:04
Analysis Elapsed: 00:01:05
Pressure: 13,235 psi
Rate: —
Volume: —
Rate of Change: 17.7 psi/min
Temperature: —



Avg < 3.0 psi/min over 10 min



BSEE personnel observed and evaluated all stages of the drills.





5-23-2023
Chevron Capping
Stack Drill



7-12-2010
BP Capping of
Macondo Well
Blowout

Remember that . . .



1. Capping stacks are **important source control technologies** for offshore facility spills.
2. The use of capping stacks and other subsea response technologies should be **discussed and exercised regularly**.



Questions?

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eric.miller@bsee.gov



BSEE Website:
www.bsee.gov



[@BSEEGov](https://twitter.com/BSEEGov)



[BSEEGov](https://www.youtube.com/BSEEGov)



[Bureau of Safety and
Environmental
Enforcement](https://www.linkedin.com/company/bureau-of-safety-and-environmental-enforcement)



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BSEE – Area Contingency Plan Project Update

Bryan Rogers, BSEE and Gabrielle McGrath, RPS

DEVELOPMENT OF RESPONSE INFORMATION FOR OFFSHORE OIL SPILLS IN AREA CONTINGENCY PLANS

REGIONAL RESPONSE TEAM 6 MEETING

Bryan Rogers,

Preparedness Verification Branch Chief,
OSPD

Gabrielle McGraw

Project Manager, RPS



Bureau of Safety and Environmental Enforcement

Promoting Safety, Protecting the Environment and Conserving Offshore Resources



DEEPWATER HORIZON INCIDENT SPECIFIC PREPAREDNESS REVIEW (ISPR) – 2011



“ACPs in the Gulf generally did not contain WCD scenarios involving offshore oil exploration activities, resulting in a lack of preparedness.”

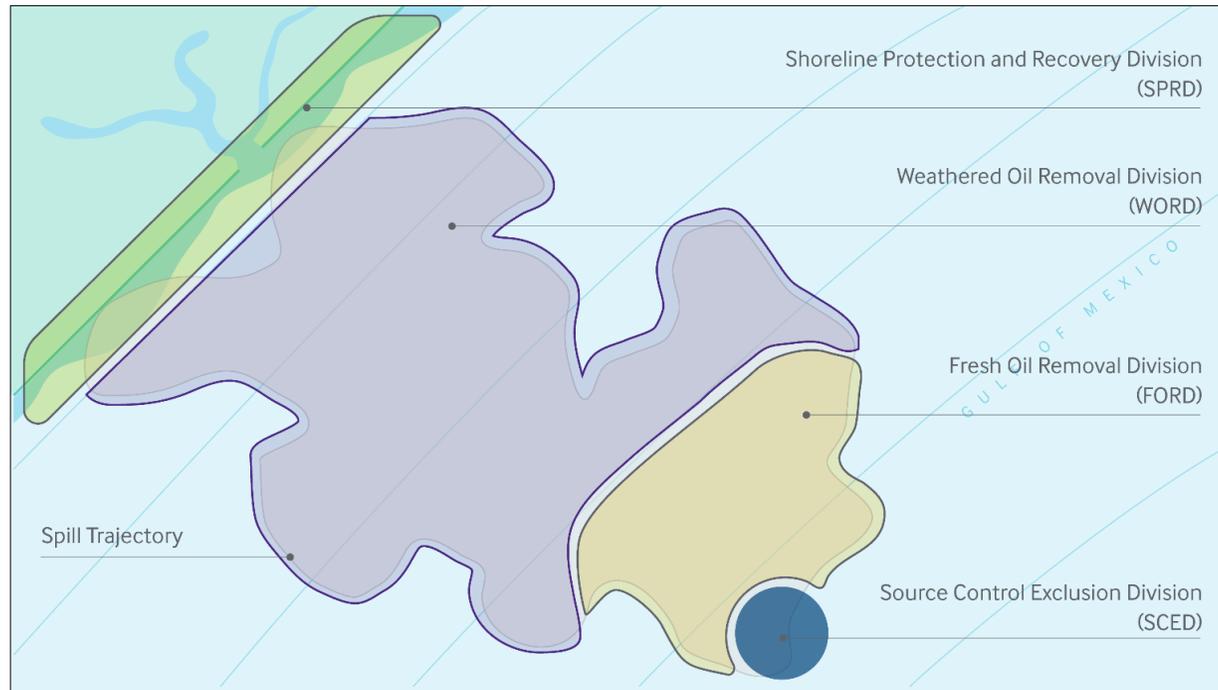
“BOEMRE (now BSEE) should participate in Area Committees...to ensure integration of OSRPs and ACPs and the availability of equipment, trained personnel, OSROs, vessel programs, and other response resources to implement recovery and protection strategies”

“Most Gulf ACPs are inadequate with regard to Environmentally Sensitive Areas (ESAs)...protection strategies were incomplete or missing from ACPs.”

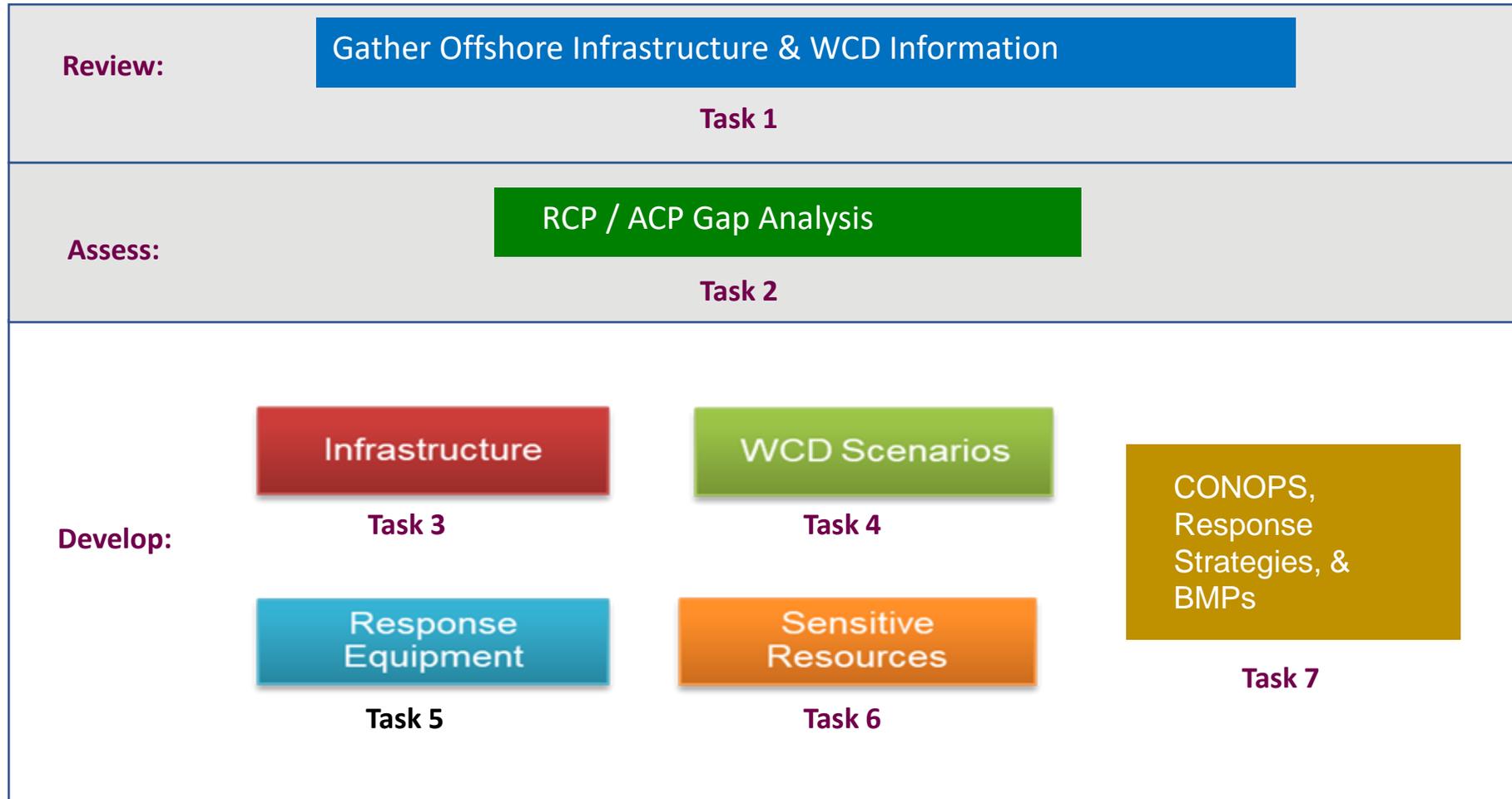


PROJECT GOAL

Improve the content of ACPs (and RCPs) to address oil spill planning and response for offshore oil and gas infrastructure



Project Tasks

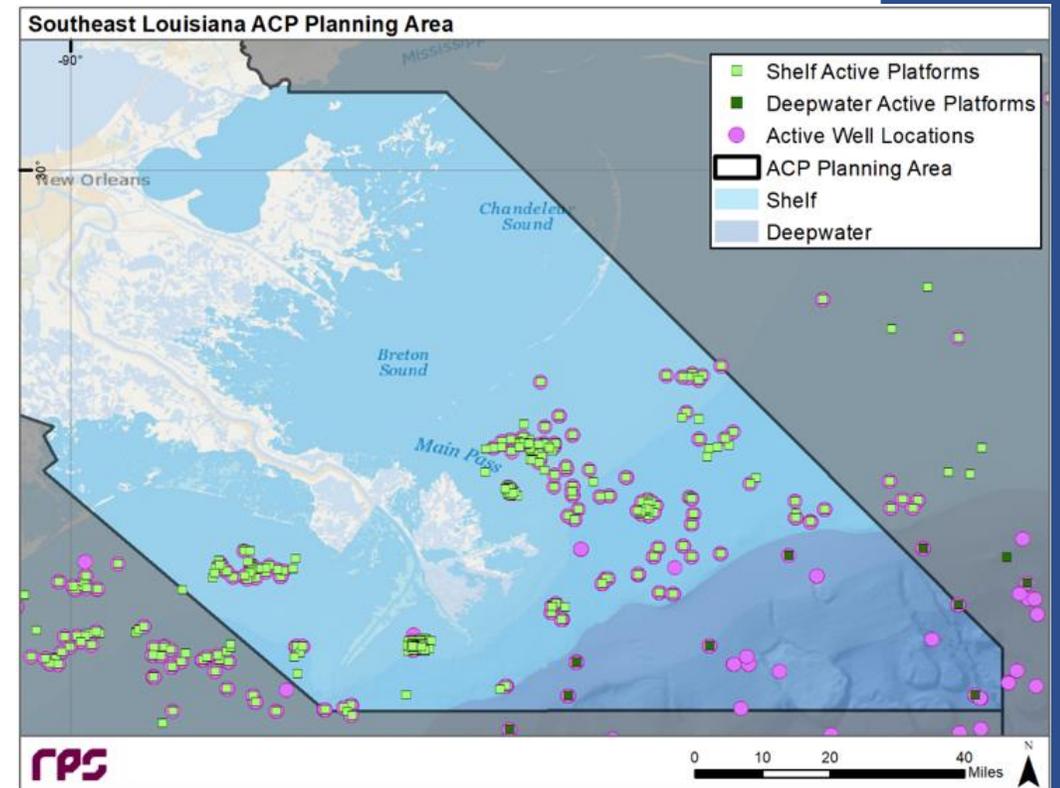


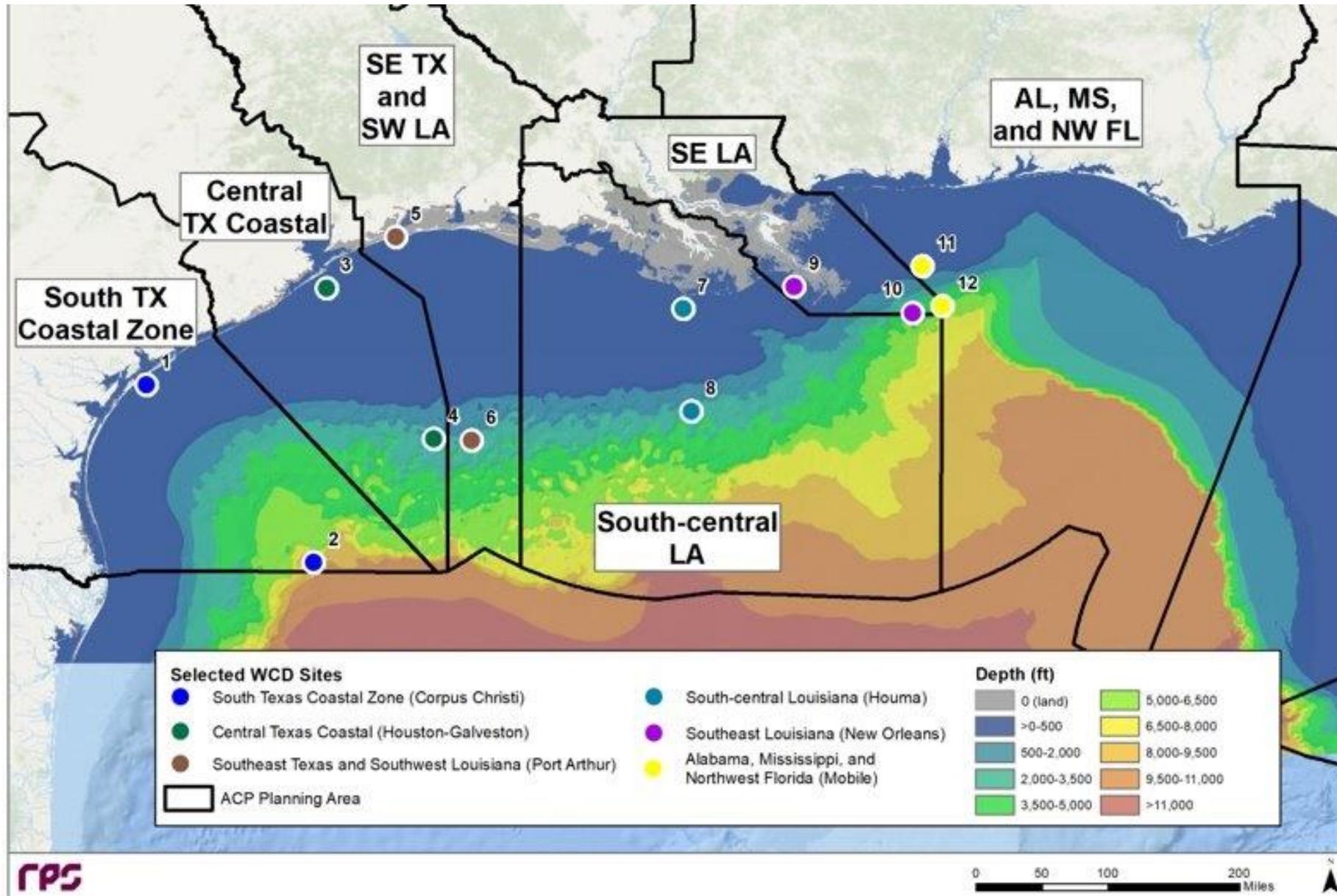
GULF OF MEXICO OIL AND GAS INFRASTRUCTURE



- Provides information on Oil and Gas Infrastructure by Planning Area and a Gulf-wide perspective

- Active Leases
- Wells
- Platforms
- Pipelines
- Annual Oil Production by Lease
- Offshore Oil and Gas Definitions
- Platform and Rig Types
- Product Types
- Protraction Maps





Oil Spill Scenario Parameters								Environmental Oil Exposure at Designated Thresholds				
ID	ACP Planning Area	Scenario Name	Total Volume Discharged (bbl)	Discharge Duration (days)	Discharge Depth (m)	Approximate Distance to Shore (nm)	Oil Type + (API Gravity)	Swept Surface Area (mi²) Exceeding 0.04 µm	Swept Surface Area (mi²) Exceeding 10 µm	Shore Length (mi) Exceeding 10 µm	Water Column Volume (m³) Exceeding 10 ppb Dissolved PAH	Time to Shore
1	South TX Coastal Zone	White Marlin Storage Tank, Pipeline, and Well Blowout	19,503	30	Surface	5	Heavy Crude (24)	794	12	240	21 million	9.5 hours
2		Shell Perdido Drilling Well Blowout	3,870,000	30	2,571	120	Med-Light Crude (34)	197,150	21,944	948	79,200 million	32.5 days
3	Central TX Coastal	American Midstream Pipeline Discharge	16,873	1	17.5	9	Light Crude (39.9)	8,515	47	193	219 million	6.9 days
4		Kosmos Energy Drilling Well Blowout	12,912,000	30	596	125	Medium Crude (31)	275,605	40,184	610	229,682 million	18.6 days
5	SE TX + SW LA	Genesis Crude Pipeline Discharge	21,875	1	Surface	12	Med-Light Crude (32)	10,011	139	246	309 million	5.9 days
6		Kosmos Sioux Falls SL 1 Well Blowout	10,645,350	30	589	130	Med-Light Crude (35)	159,874	36,390	1,546	120,900 million	12.9 days
7	South-central LA	Talos Drilling, No. 69 Well Blowout	2,771,250	30	Surface	10	Medium Crude (31.4)	90,103	7,397	1,152	26,019 million	1.4 days
8		Fieldwood Drilling TA009 Well Blowout	13,998,300	30	772	80	Med-Light Crude (32)	322,554	35,866	2,288	254,300 million	12.8 days
9	Southeast LA	Energy XXI Platform J Storage Tank, Pipeline, and Well J-5 Blowout	3,721,764	30	Surface	7	Med-Light Crude (34)	123,676	10,344	1,383	33,344 million	1.5 days
10		Chevron Drilling Hoffe Park Well Blowout	13,971,270	30	1,223	42	Light Crude (38.2)	301,496	29,079	2,189	204,320 million	14.9 days
11	AL, MS, & NW FL	Panther Operating Pipeline Discharge	3,052	1	63	43	Med-Light Crude (34)	6,776	10	222	96 million	29.3 days
12		Anadarko Drilling King North Well H Blowout	11,843,940	30	1,552	57	Med-Light Crude (33)	330,117	41,575	2,052	258,175 million	13.4 days

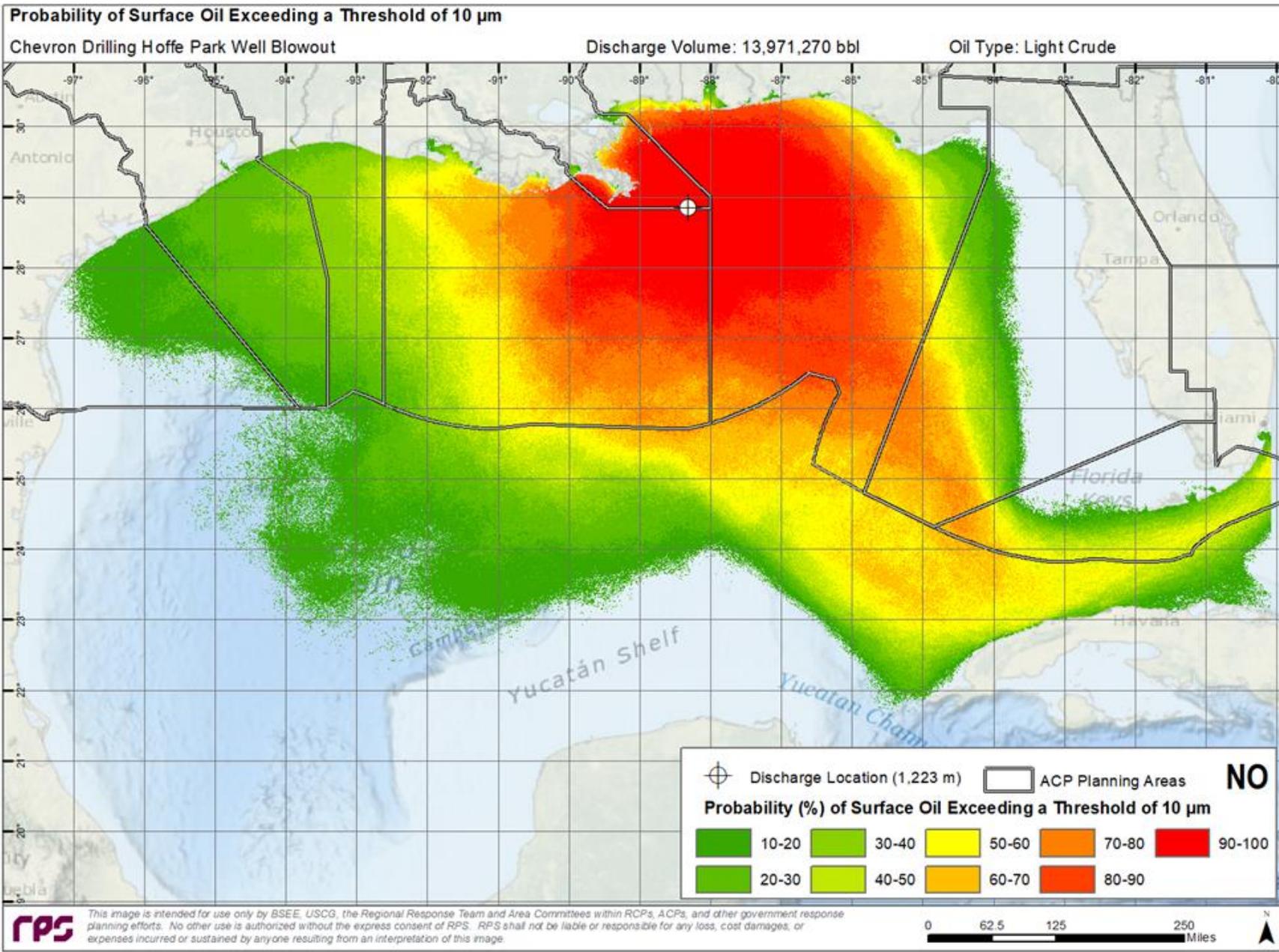
Southeast LA – Scenario 10 – MC 122 Hoffe Park Well Blowout

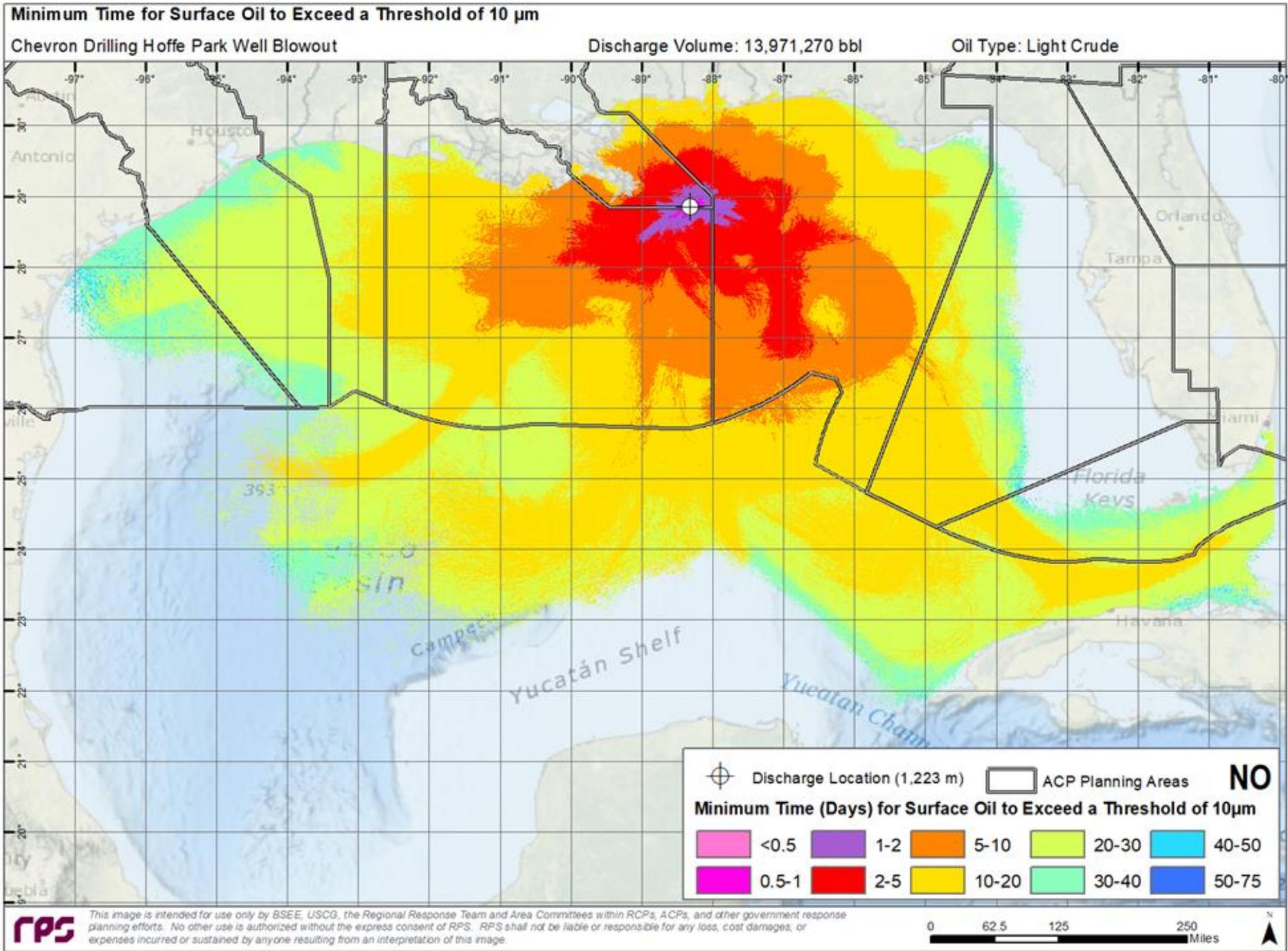


Discharge Depth (m)	Distance from Shore (NM)	Oil Type	Spill Type	Discharge Duration (days)	Discharge Flowrate (bbl/day)	Total Oil Discharged (bbl)
1,223	42	Light Crude (38.2)	Subsea Well Blowout	30	465,709	13,971,270

- **Impacts:**

- Swept Surface Area > 0.04 μm (Socioeconomic) = 301,496 mi^2
- Swept Surface Area > 10 μm (Ecological) = 79,073 mi^2
- Shoreline Length > 10 μm (Ecological) = 2,189 mi
- Water Column Volume > 10 ppb Dissolved PAH (Ecological) = 204,320 million m^3
- Time to Shore = 14.9 days





WCD Scenario Trajectory Analysis Products

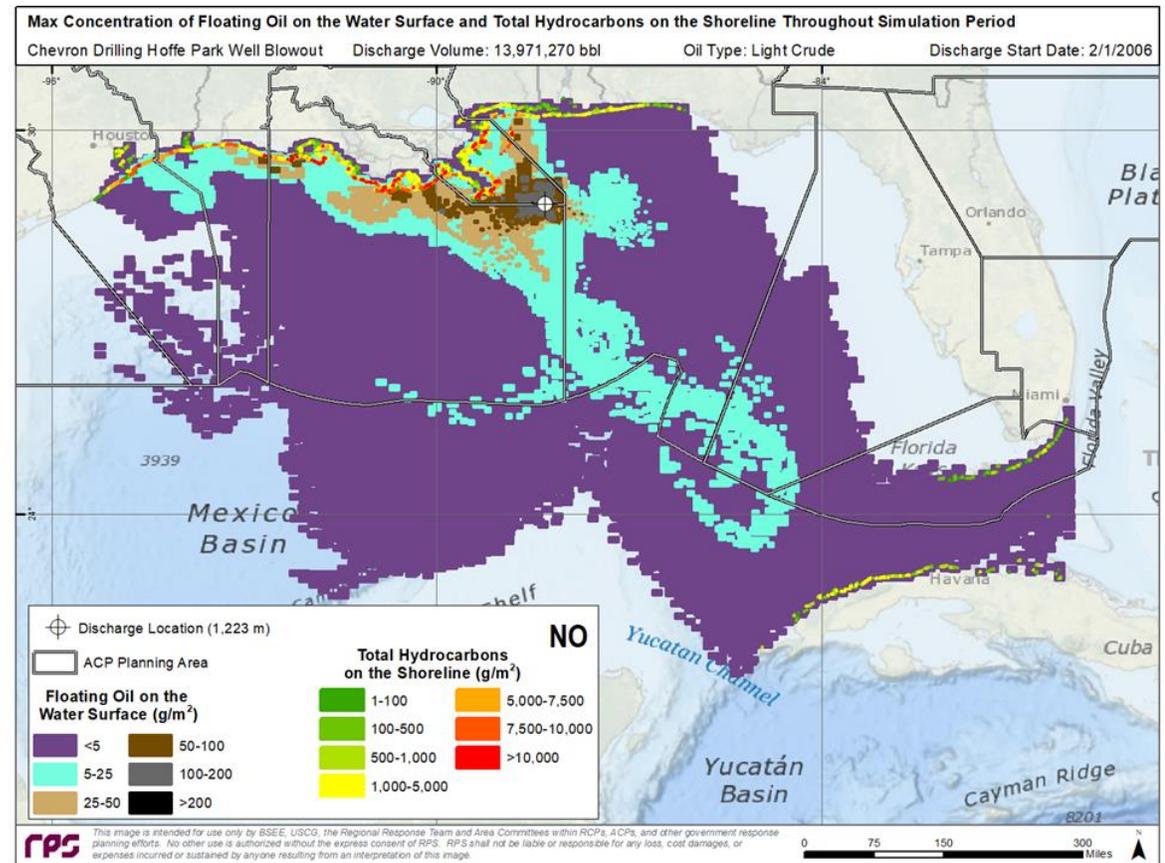


Stochastic Outputs:

- Probability of surface oil exposure at chosen threshold
- Probability of water column oil exposure at chosen threshold
- Minimum travel times at chosen threshold
- Probability of shoreline oil exposure at chosen threshold

Deterministic Outputs:

- Maximum Surface Oil Concentrations
- Maximum Shoreline Oil Concentrations
- Minimum Water Column Oil Concentration
- Minimum Surface Oil Viscosity Information
- Total Oil Exposure and Mass Balance Information



GULF OF MEXICO OFFSHORE RESPONSE RESOURCE INVENTORY



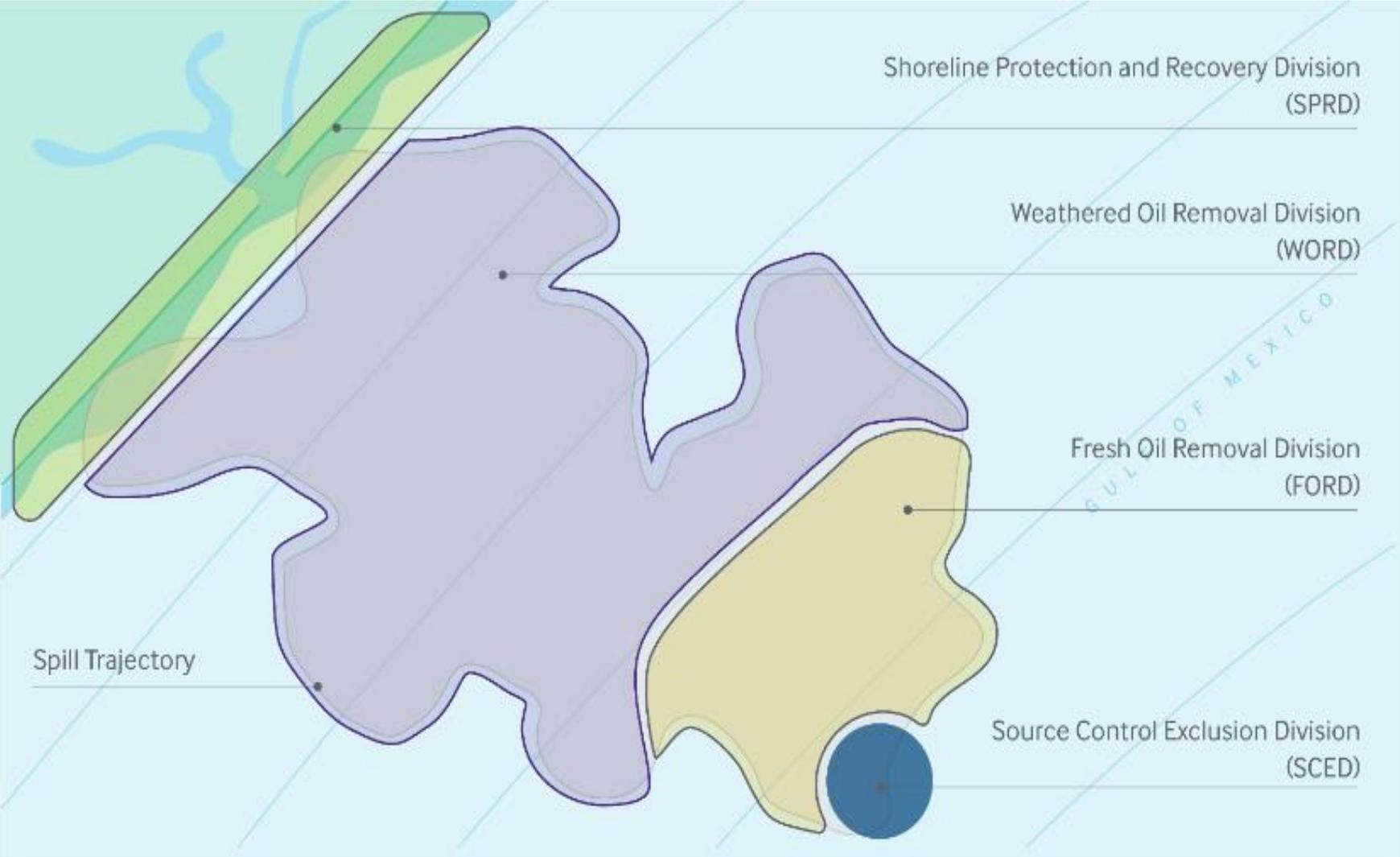
- Captured Offshore Oil and Gas Response Resources for Gulf of Mexico under the following categories:
 - Source Control
 - On Water Recovery (includes In-Situ Burn equipment)
 - Dispersants
 - Surveillance
- Used survey to gather data from OSROs and equipment providers
- Inventory is available as data layer in NOAA's ERMA.

GULF OF MEXICO CONCEPT OF OPERATIONS



- Strategies are geographically and functionally layered in a temporal sequence.
- CONOPS creates divisions and zones set up based on the availability of resources, site-specific circumstances, and the changing properties and location of the oil.
- CONOPS is centered on the response activities that would be taken for a ***subsea well blowout*** occurring in ***deep waters offshore*** on the OCS but recognizes that there are differences in the response to alternate spill scenarios.

GULF OF MEXICO CONOPS GEOGRAPHICAL DIVISIONS

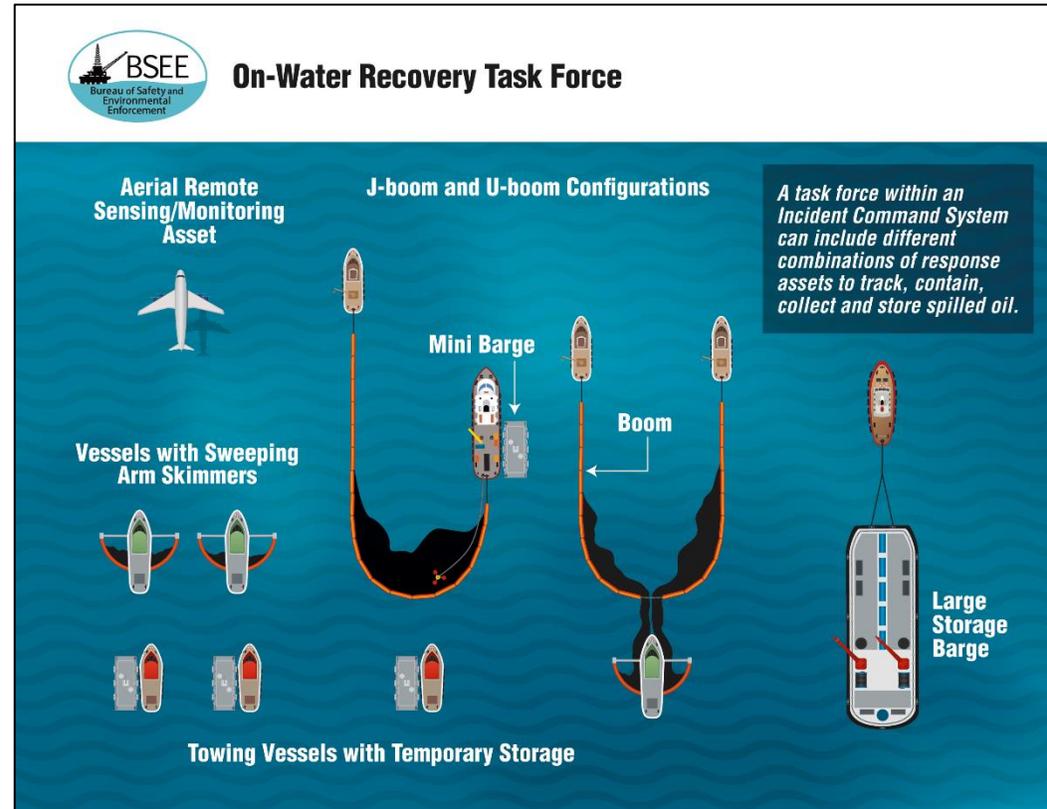


GULF OF MEXICO RESPONSE STRATEGIES & BMPS



Describes main categories of response strategies:

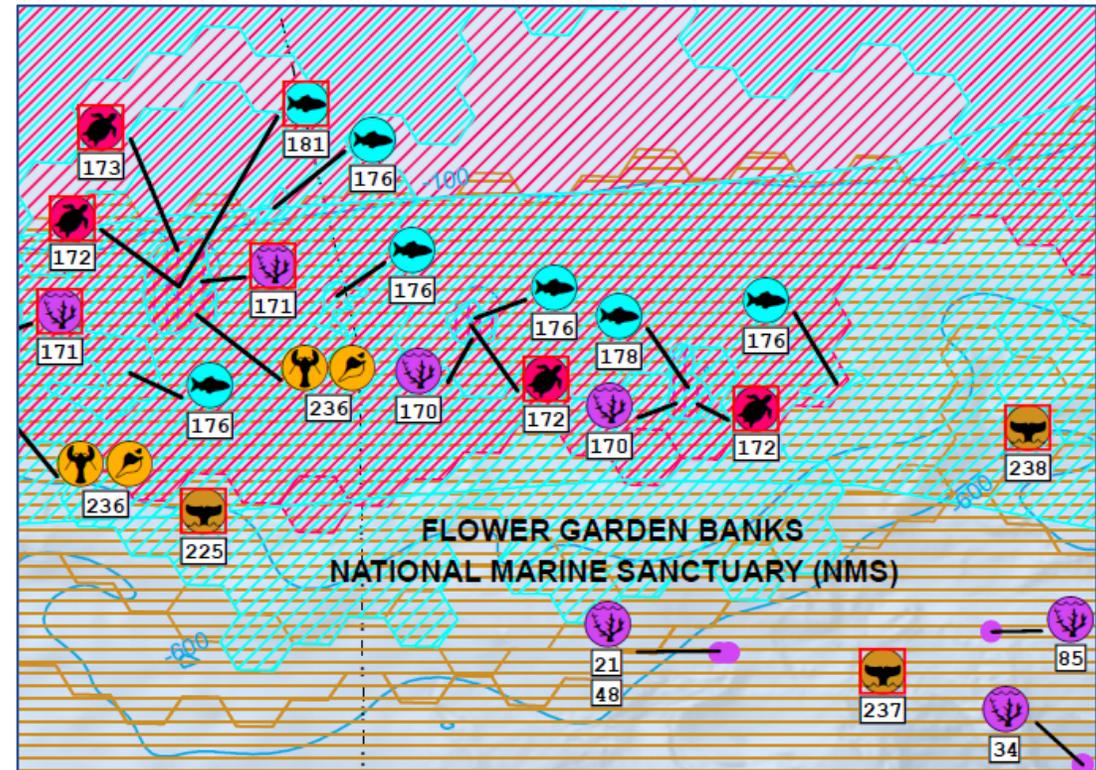
- Source Control
- Mechanical Recovery
- Dispersants (Subsea, Aerial, and Surface Application)
- Surface Collection Agents
- In-situ Burning
- Environmental Monitoring
- Remote Sensing for Oil Spill Monitoring



GULF OF MEXICO SPATIAL AND TEMPORAL RAR PROFILE



- Developing Offshore Environmental Sensitivity Index (ESI) for Gulf of Mexico.
- Based largely on BOEM Gulf of Mexico Marine Assessment Program for Protected Species (GoMMAPPS) data.
- Spatial and Temporal Data will be available in NOAA's ERMA.



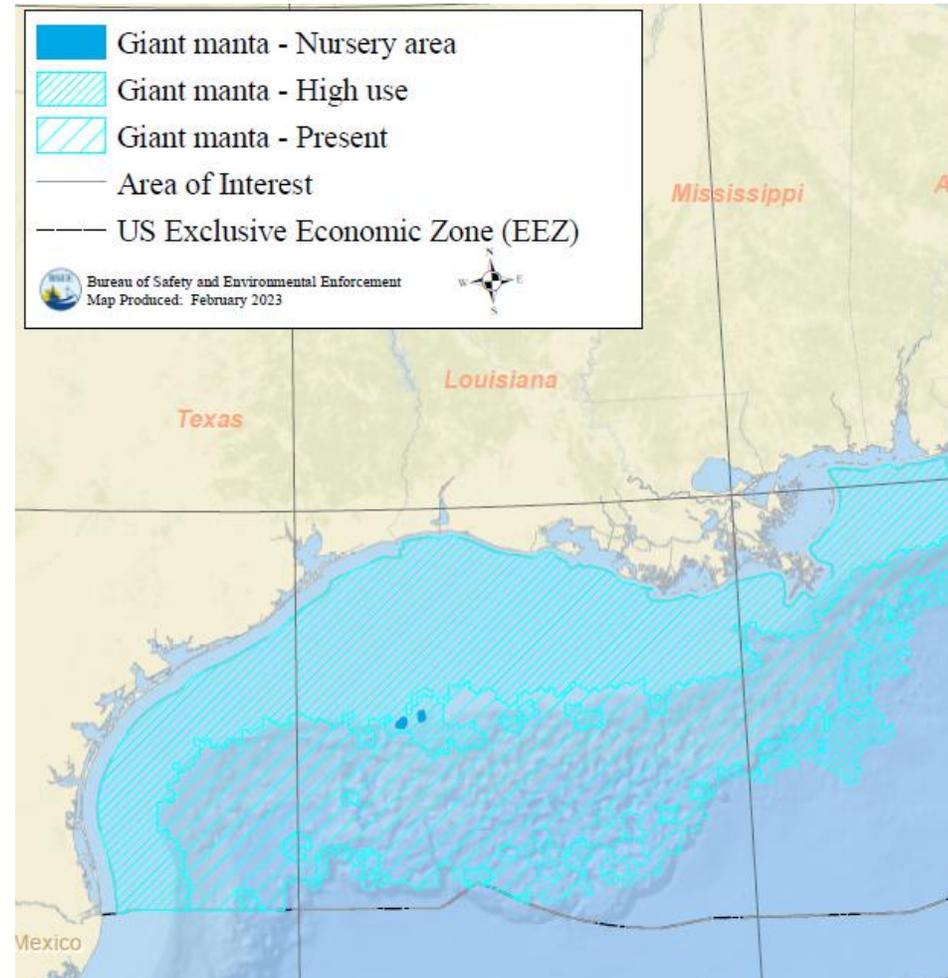
Gulf of Mexico

ACP Content, Ecological Resources at Risk



Spatial and temporal profiles for the abundance and distribution of sensitive offshore resources focus on:

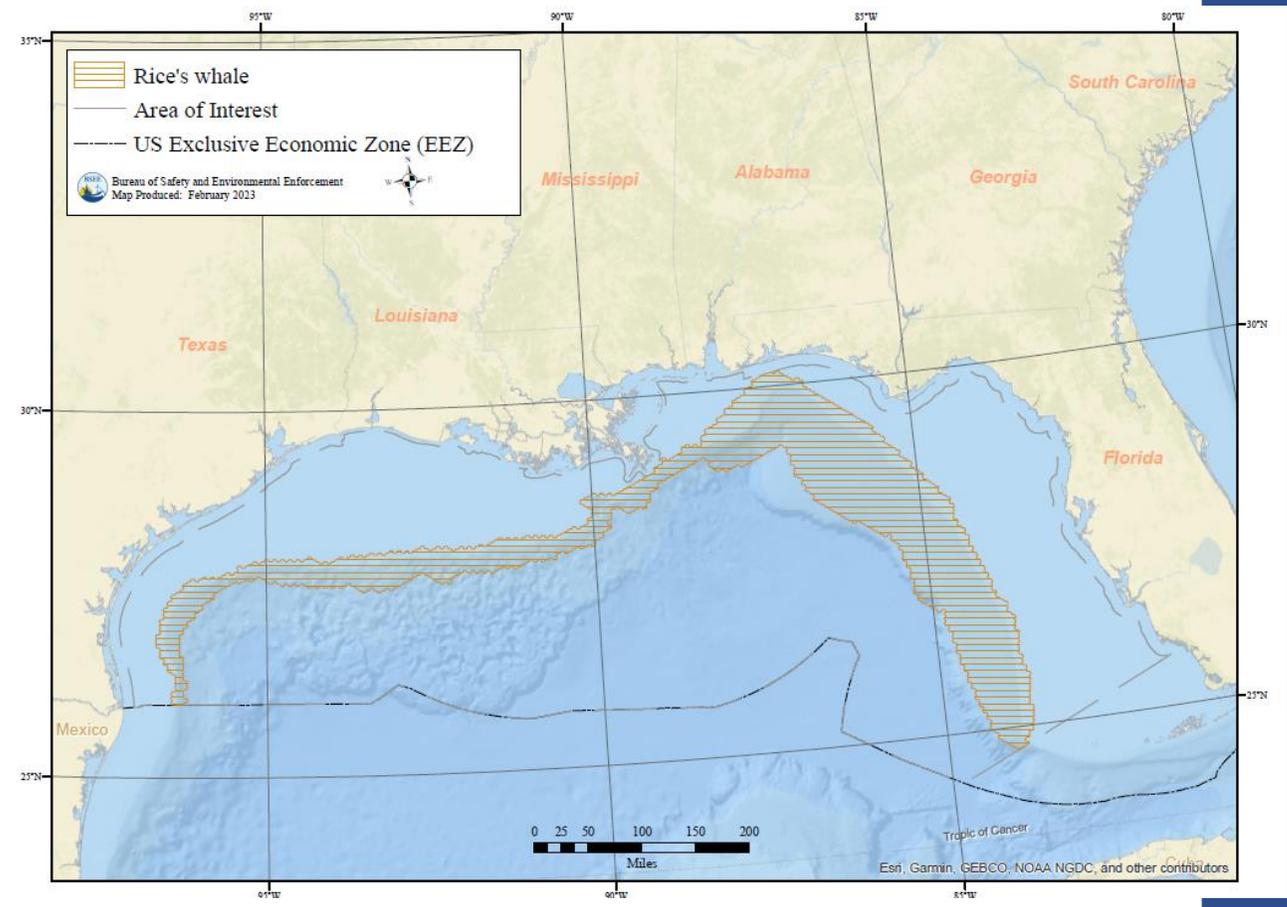
1. Critical habitat for threatened or endangered species
2. Concentration areas or mapped habitats for marine birds, marine mammals, and sea turtles
3. Fish spawning areas
4. Essential Fish Habitat
5. Sensitive Benthic Habitats





ESI and RAR Data

- ESI and RAR Atlases (TDs 5 & 6) are available on the BSEE website
 - 508 Compliant PDFs
 - Layered PDFs
- IAA with NOAA has been signed and the data is in the process of being transferred.
- Will be available on ERMA early next year



GULF OF MEXICO DEVELOPED CONTENT

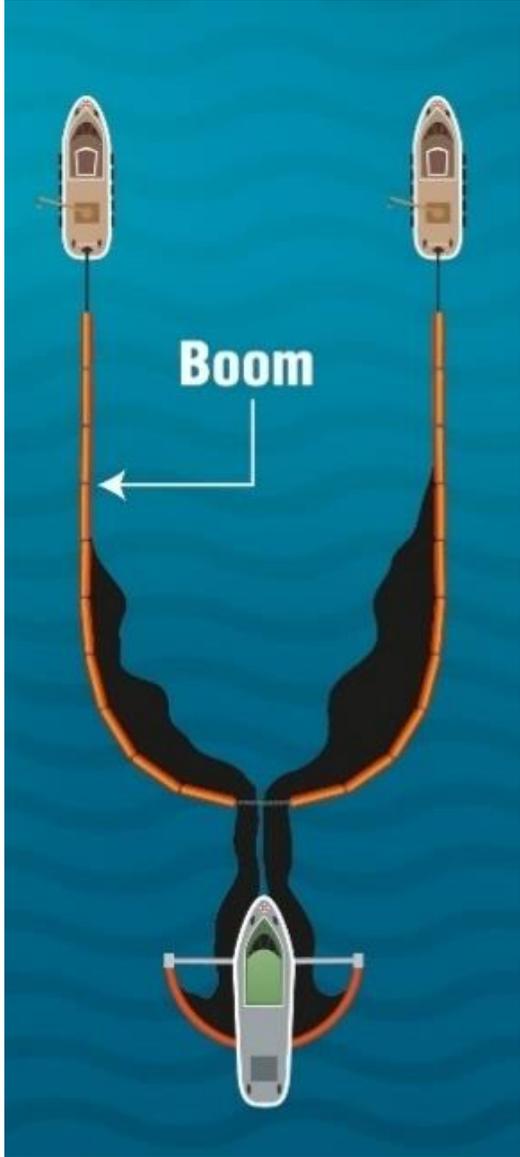


All content presented as Technical Documents on BSEE OSPD website:

- TD1: Offshore Oil and Gas Infrastructure
- TD2: Offshore WCD Scenarios
- TD3: Offshore Response Concept of Operations (CONOPS)
- TD4: Offshore Response Strategies and Best Management Practices
(BMPs)
- TD5: Offshore Sensitive Species Profiles
- TD6: Offshore Environmental Sensitivity Index

PROJECT FINAL STEPS

- RRTs and Gulf of Mexico Area Committees are being briefed on project results.
- The technical documents have been published on BSEE's website and incorporated by reference into the appropriate ACPs.
- The project focus is shifting to Alaska and CA



FINAL TECHNICAL DOCUMENTS ARE AVAILABLE ON BSEE'S WEBSITE:



Preparedness & Research > Oil Spill Preparedness > Coastal Zone Area Contingency Planning

<https://www.bsee.gov/what-we-do/oil-spill-preparedness/offshore-information-for-coastal-zone-area-contingency-planning>

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Bureau of Safety and Environmental Enforcement
Promoting Safety, Protecting the Environment and Conserving Offshore Resources

Operating Status

About BSEE | Collaboration | Newsroom | Environmental Stewardship | Protection | Preparedness & Research | Offshore Data & Tools | Reporting & Prevention

Home / Oil Spill Preparedness / Offshore Information for Coastal Zone Area Contingency Planning

Offshore Information for Coastal Zone Area Contingency Planning

In 2019, the Bureau of Safety and Environmental Enforcement (BSEE) sponsored a project in cooperation with the United States Coast Guard (USCG) to improve the content of the coastal zone area contingency plans (ACPs) with respect to the information necessary to effectively plan for and respond to large oil spills from offshore oil and gas facilities. This collaboration between BSEE, U.S. Coast Guard (USCG), resource trustees, state agencies, oil spill removal organizations (OSROs), and Area Committees resulted in a series of technical documents that provide offshore information on:

- Oil and Gas Infrastructure:** This document provides general information on the geomorphology of offshore environment (from the coast line to the extent of the Exclusive Economic Zone (EEZ)), the existing oil and gas infrastructure (including leases, platforms, wells, and pipelines, and the oils being produced, stored and handled).
- Worst Case Discharge (WCD) Scenarios:** This document (and any associated appendices) contain information on the WCD scenarios selected for inclusion in the ACP by the affiliated Area Committee for their planning areas.

Gulf of Mexico

Gulf of Mexico Technical Documents are currently under development and will be posted once as they are finalized.

[Offshore Oil and Gas Infrastructure – GOM Technical Document #1](#)

[Offshore Worst Case Discharge Scenarios – GOM Technical Document #2:](#) This document contains important information on how to view and interpret the oil spill trajectory analyses products contained within each ACP-specific appendix, as well as a high-level comparison of all the WCD scenarios that were selected for inclusion in the ACPs across the GOM. The appendices illustrate the trajectory modeling results for each WCD scenario.

- [South Texas Coastal Zone ACP/Corpus Christi COTP Zone - Appendix 2A](#)

BSEE redid our website, but made sure to keep the same hyperlink



QUESTIONS?

Bryan Rogers
Bryan.Rogers@bsee.gov



BSEE Website:
www.bsee.gov



[@BSEEGov](https://twitter.com/BSEEGov)



[BSEEGov](https://www.youtube.com/BSEEGov)



[Bureau of Safety and
Environmental
Enforcement](https://www.linkedin.com/company/bureau-of-safety-and-environmental-enforcement)



[BSEEGov](https://www.facebook.com/BSEEGov)

Coastal Response Research Center (CRRC) Techniques and Methods Development Project

Dr. Lisa Dipinto, NOAA

Spill Technology Briefing

Science on All Hazard Events: Techniques and Methods Development Project

Steering Committee

Members

USCG

Dana S. Tulis
CDR Alberto Martinez
Lt Charron McCombs
LTJG Dakota Price
LTJG Alison Gates
Elizabeth Petrus

NOAA

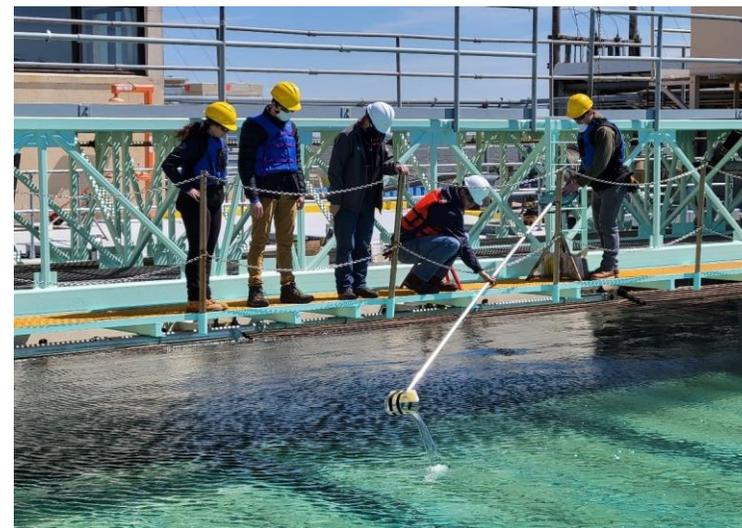
Dr. Lisa DiPinto
Dr. Nancy Kinner
Troy Baker
Kathy Mandsager
Dr. Amy Uhrin
Dr. Chris Barker
Dr. Amy MacFadyen



Problem Statement

In 2019, our funding agencies and partners (e.g., BSEE, CA DFO, EPA, USCG), and many scientists at the CRRC-hosted “[Leveraging Science and Academic Engagement During Incidents](#)” workshop noted the difficulty in getting permissions and/or other opportunities to apply tools and methods developed for spill response and assessment during an *actual* incident, especially in U.S. waters

The Coastal Response Research Center (CRRC) has been conducting all-hazards research with NOAA’s Office of Response and Restoration and thousands of stakeholders across the world for 20 years.



Project Goals

1. Provide a mechanism for the assessment of marine and freshwater oil spill response technologies, and the behavior and effects of oil spills in the Great Lakes and other coastal/offshore marine environments.
2. Be able to conduct research, enable development and testing of emerging technologies and techniques to mitigate and respond to oil spills in the Great Lakes, and other coastal/offshore marine environments.
3. Enhance ability for responders and scientists to make faster decisions about deploying novel tools, methods and technologies to support response and assessments to augment our capabilities on future spills



Mechanism



NOAA + USCG provided funding for rapid deployment of approved technologies

Funding available into FY2026

CRRC administering project via NOAA grant

- Equipment purchase
- Contracting
- Training
- Working group management

Cross ORR + USCG steering committee meeting regularly

Four projects currently developed for implementation

MetOcean Stokes Ocean Drifter

Compact drifting buoy that tracks surface currents

- Global Navigation Satellite System (GNSS) positioning
- Sea surface temperature sensor
- Iridium satellite telemetry
- 8d battery life w/ 5 min. data upload interval
- Need 18-24h for shipping to most locations

Oil spill monitoring, plastic and debris tracking, environmental monitoring to support/validate/predictive modeling

Status: ready for deployment with agency and CRRC staff, and State partners willing to support operations



Photo credit: MetOcean website



Deployment Criteria – Drifter



MetOcean Stokes Drifter – Application of Considerations

Criteria 1: >3 days persistence required so replicate testing can occur over two days after initial travel day. Lighter oils preferred for initial field testing (e.g., slop oils, diesels, lighter or weathered crudes)

Criteria 2: Y/N answer based on incident

Criteria 3: Y/N answer based on incident

Criteria 4: Y, drifters need simple battery replacement; chemistry go-kits or other remote sensing equipment needs clarification.

Criteria 5: Y, ready to go

Criteria 6: Y/N answer based on incident

Criteria 7: Y/N answer based on upcoming pre-planning



Project Deployment Considerations (DRAFT)

1. Likely persistence of oil on surface or in water column for > 3 days; >5 days for some technologies.
2. Released oil type is familiar enough to have existing entries in the NOAA or USCG oil catalog.
3. Incident occurs within 300 miles of a major airport.
4. Equipment for deployment is pre-packaged and staged in geographic hubs or can be packaged and shipped within 6 hours of incident notification and a “go” decision for testing.
5. Staff involved in deployment are “pre-approved” to travel in FY24 with all contract vehicles active.
6. Contract vessel is available for equipment / deployment testing.
7. Tech briefing or notification given to USCG districts, USCG R&D, Strike Team, FOSC leading response, and NOAA SSC.

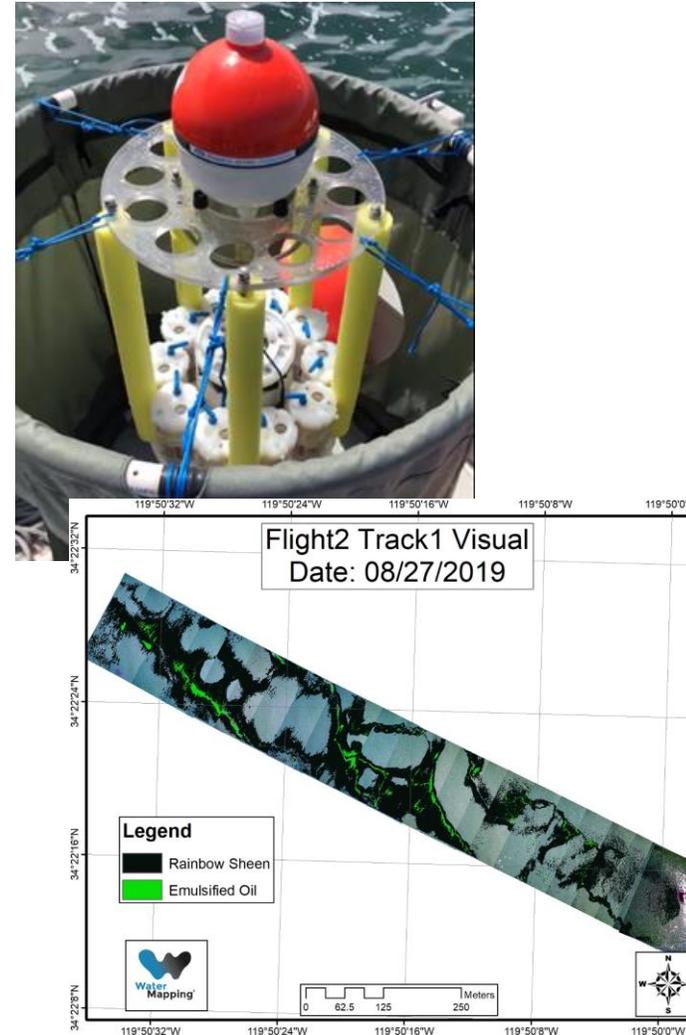
response.restoration.noaa.gov



DEEAR Ring for Ecotoxicity Testing

- Drifting and Effects Exposure and Assessment Ring
- An *in-situ* exposure and effects tracking system was developed for assessing oil spills
 - Topsmelt, sheepshead larvae and mysids tested at multiple depths
 - Fluorometry, passive samplers
 - UV light (photoenhanced toxicity)
 - Iridium network for tracking position
- Paired with multi spectral UAS for surface oil characterization and water sampling for chemistry
- Testing conducted in oil seeps Santa Barbara CA
- Needs 48h for shipping prep + shipping time

Status: ready for deployment with incident specific field staffing (key issue), NOAA to define chemistry “go-kits” to accompany.



response.restoration.noaa.gov





Deployment Criteria - DEEAR Ring

Project Deployment Considerations (DRAFT)

DEAAR Ring – Application of Considerations

Criteria 1: 5 days persistence required so replicate testing can occur over three days after initial travel day. Lighter oils preferred for initial field testing but crude oil possible (e.g., persistent slop oils, persistent diesels, lighter or weathered crudes)

Criteria 2: Y/N answer based on incident

Criteria 3: Y/N answer based on incident

Criteria 4: Maybe, depending on Dr. Burton schedule or other experienced field staff. Money and logistics for deployment are ready but staffing is unclear. Sourcing animals for cannisters may be an area for additional pre-planning.

Criteria 5: Y, ready to go

Criteria 6: Y/N answer based on incident

Criteria 7: Y/N answer based on upcoming pre-planning

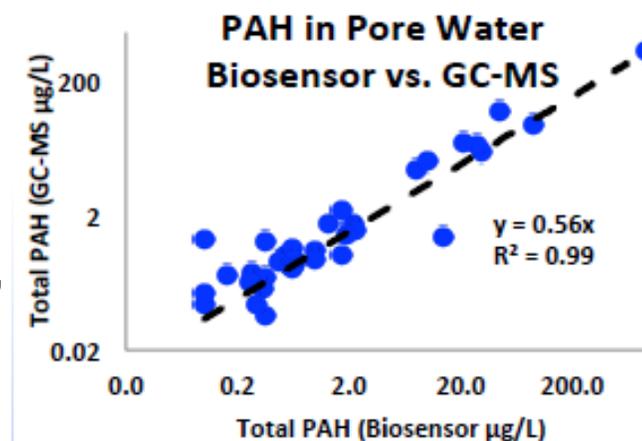
1. Likely persistence of oil on surface or in water column for > 3 days; >5 days for some technologies.
2. Released oil type is familiar enough to have existing entries in the NOAA or USCG oil catalog.
3. Incident occurs within approximately 300 miles of a major airport.
4. Equipment for deployment is pre-packaged and staged in geographic hubs or can be packaged and shipped within 6 hours of incident notification and a “go” decision for testing.
5. Staff involved in deployment are “pre-approved” to travel in FY24 with all contract vehicles active.
6. Contract vessel is available for equipment / deployment testing.
7. Tech briefing or notification given to USCG districts, USCG R&D, Strike Team, FOSC leading response, and NOAA SSC. response.restoration.noaa.gov



Sapidyne Rapid PAH Detection with Antibodies

- Potential useful screening tool for further lab analysis of samples
- Monoclonal antibodies provide result for 3-5 ring PAHs within about 2 min from a 10 mL water sample with MDL ~0.5 ppb
 - Monoclonal antibodies not developed for all PAHs in oil
- Immediate Y/N result for high molecular weight PAHs available immediately
- Unit is size of small box but field testing the unit on boats or unprotected shorelines hasn't occurred.
- Tested at contaminated sites: water, porewater, oyster tissue extracts, other

Status: Porewater samples collected from vicinity former spill site split and sent for analyses. Sapidyne results to be compared with traditional lab chemistry results.





Deployment Criteria – PAH Antibody Testing

PAH Antibody - Application of Considerations

- Criteria 1: ~ 2-3 days persistence required so replicate testing can occur using field teams. 10 mL water samples are needed with Sapidyne equipment.
- Criteria 2: Y/N answer based on incident
- Criteria 3: Y/N answer based on incident
- Criteria 4: Water sampling kits that match equipment needs additional discussion
- Criteria 5: Y for agency staff; N for Sapidyne but they can do remote testing from their Idaho location to initially test the technology. ORR-CRRC working with *Golden Ray* samples to test technology for little to no cost.
- Criteria 6: Y/N answer based on incident
- Criteria 7: Y/N answer based on upcoming pre-planning

Project Deployment Considerations (DRAFT)

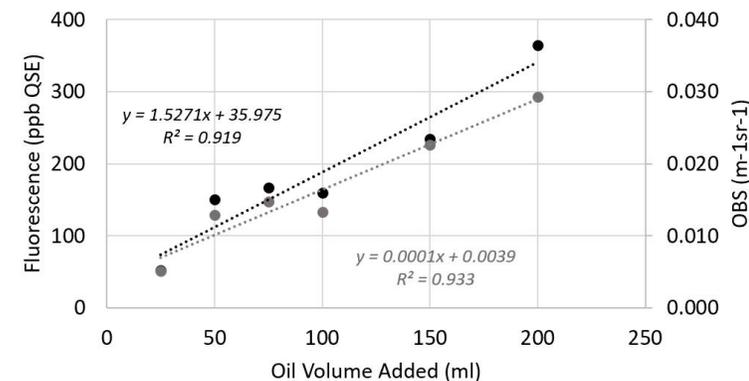
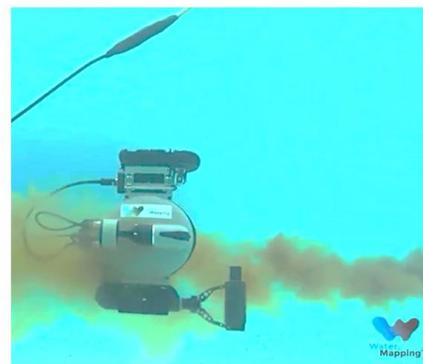
1. Likely persistence of oil on surface or in water column for > 3 days; >5 days for some technologies.
2. Released oil type is familiar enough to have existing entries in the NOAA or USCG oil catalog.
3. Incident occurs within approximately 300 miles of a major airport.
4. Equipment for deployment is pre-packaged and staged in geographic hubs or can be packaged and shipped within 6 hours of incident notification and a “go” decision for testing.
5. Staff involved in deployment are “pre-approved” to travel in FY24 with all contract vehicles active.
6. Contract vessel is available for equipment / deployment testing.
7. Tech briefing or notification given to USCG districts, USCG R&D, Strike Team, FOSC leading response, and NOAA SSC.



Deep Trekker Remotely Operated Vehicle for Environmental Response (ROVER)

- USEPA, NOAA, USCG and WM have developed a tethered ROV (DeepTrekker DTG2) with capacity to monitor and sample to characterize oil in water (subsurface release, under slicks)
 - UviLux fluorometer for dissolved and small droplets in real time
 - Data loggers for depth, heading, conductivity, salinity, depth, temperature, DO, turbidity
 - Video in real time
 - Telemetry in real time
 - Custom water sampler for collecting 2 discrete 1L water samples for hydrocarbon analysis
- Tested at Ohmsett, UNH/CRRC flume tank, Santa Barbara Seep site

Status: In person ROVER operations training being planned for core team. This allows the core team members to operate the vehicle independently. Dr. Robyn Conmy (EPA) providing project guidance and in-kind chemistry



Other Candidate Technologies/Sensors

- Sensors and methods to help determine floating oil thickness (and volumes)
- Sensors and algorithms capable of discerning oil, ice, and biological materials (often noted as 'false positives') in ice environments
- Development of multi-spectral remote sensing platforms and sensor packages developed for oil characterization both from above water and in the water column for spills ranging in size and complexity
- Oil spill modeling tools and sensors/techniques to evaluate and improve fate and trajectory forecasts
- Advances in field toxicity assessment following a spill
- Sensors and methods to detect buried oil

Where are we now?

- Steering committee group meeting regularly to review technology readiness levels of specific technologies and methods, and work out additional implementation details
 - Chemistry ‘go kit’
 - Further planning with modeling teams
- Smaller decision-making group will make “go” decision for CRRC to spend project dollars on an incident of opportunity
 - Other response collaborators will be notified of possible deployments and “go” decision, then operations will proceed if approved
- Technologies do not need to be deployed concurrently, but could be paired
- “Socializing” project status internally and externally for awareness

EPA Case Study - Marathon Refinery Fire - Garyville, LA

Bray Fisher, EPA

INCIDENT OVERVIEW

- On August 25 at 9:45 AM, EPA was notified by the National Response Center of a tank fire in EPA AOR at the Marathon Petroleum facility in Garyville, LA.
 - Initially a 150,000 bbls capacity AST containing sour naphtha.
 - Spread to an adjacent AST containing diesel.
 - Threatened two nearby ASTs containing coker distillate and coker naphtha.
- A two-mile radius mandatory evacuation order around the facility was issued by the Parish President shortly after the incident began and was lifted later that day.
- Main operations Included:
 - Extinguishing initial large fire.
 - Extinguishing and eliminating threat of flare-ups.
 - Foaming.
 - Diverting product.

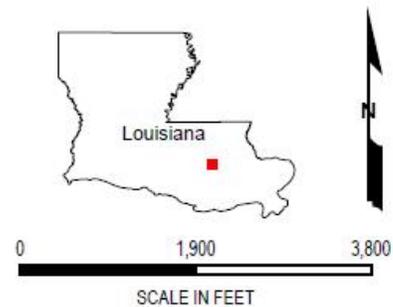




LEGEND

-  SOURCE LOCATION
-  SURFACE WATER PATHWAY
-  SECONDARY CONTAINMENT
-  SITE BOUNDARY

SOURCE: WORLD IMAGERY; ESRI
 TDD No.: 0002/23-610
 FPN: UCGPE23618
 NRC: 1377238
 SSID: V6XS





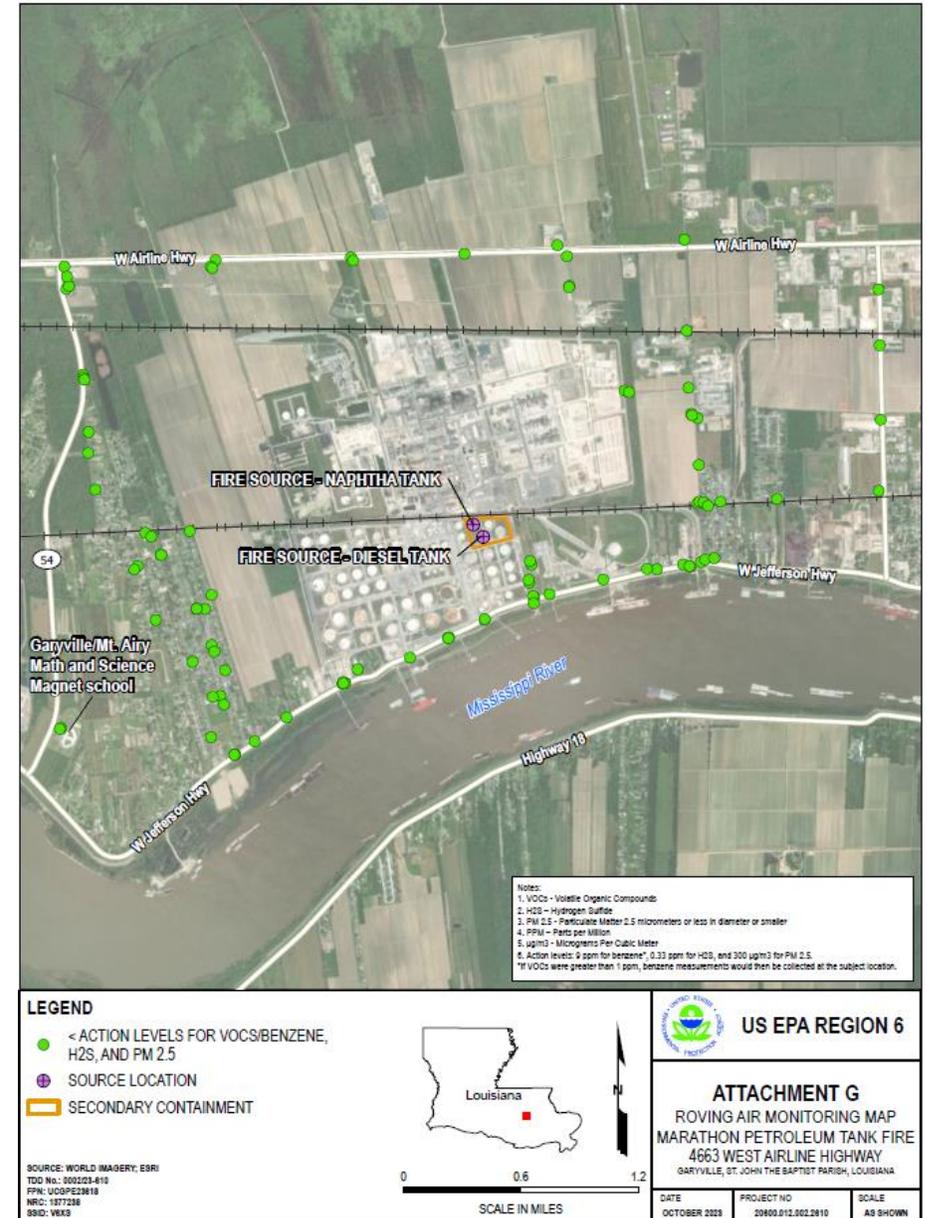
US EPA REGION 6

ATTACHMENT C
SITE LAYOUT MAP
MARATHON PETROLEUM TANK FIRE
4663 WEST AIRLINE HIGHWAY
GARYVILLE, ST. JOHN THE BAPTIST PARISH, LOUISIANA

DATE	PROJECT NO	SCALE
OCTOBER 2023	20600.012.002.2610	AS SHOWN

INCIDENT OVERVIEW

- The EPA Phone Duty Officer activated OSC and START contractors to provide oversight of the efforts to contain firefighting runoff and conduct air monitoring in downwind communities.
 - Monitored for volatile organic compounds, benzene, hydrogen sulfide, and PM 2.5.
 - Air monitoring also conducted by LDEQ, RP, and RP third party (CTEH).
- RP-led response with other Local, State, and Federal agencies providing oversight.
- On-site responding agencies included:
 - St. John the Baptist Parish
 - LSP
 - LDEQ
 - USCG
 - EPA



COORDINATION-USCG

- Compromised ASTs located ~0.5 miles away from the Mississippi River.
- Able to arrive on-scene very quickly.
- Coordination and information sharing.



COORDINATION-LSP

- Lead State agency.
- 24-hr. operations.
- Coordination and information sharing.



COORDINATION-LDEQ

- 24-hr. operations.
- Coordination and information/data sharing.



COORDINATION-POISON CENTER

- EPA reached out to local poison center to make them aware of the incident and contaminate of concern.
- EPA shared poison center information with RP for information hotline.



THANK YOU!

QUESTIONS?

Bray Fisher
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(469)510-8825

Waters of the U.S. (WOTUS)

Troy Swackhammer, EPA

Updates on the Definition of “Waters of the United States”

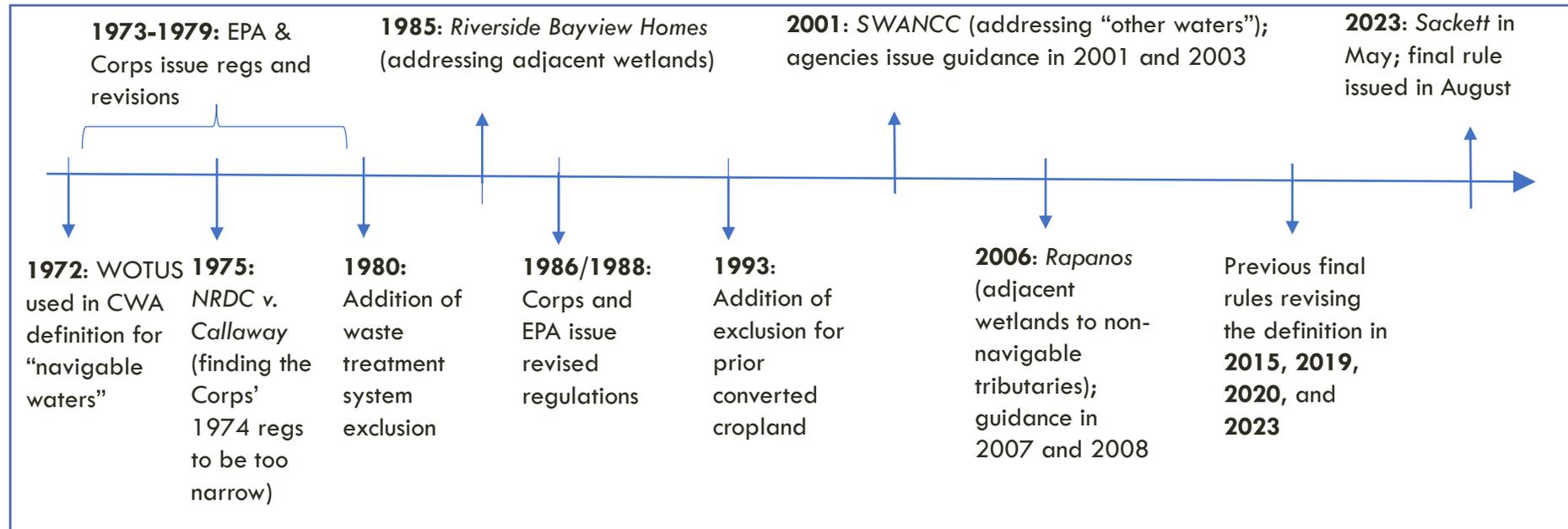
**RRT6 Fall Meeting
November 3, 2023**

Background: “Waters of the United States” and the Clean Water Act

- “Waters of the United States” is a threshold term in the Clean Water Act that establishes the geographic scope of federal jurisdiction under the Act.
- Clean Water Act regulatory programs address “navigable waters,” defined in the statute as “the waters of the United States, including the territorial seas.”
- The Clean Water Act does not define “waters of the United States.”
- The EPA and the Department of the Army have defined “waters of the United States” by regulation since the 1970s.

Background: “Waters of the United States” Over Time

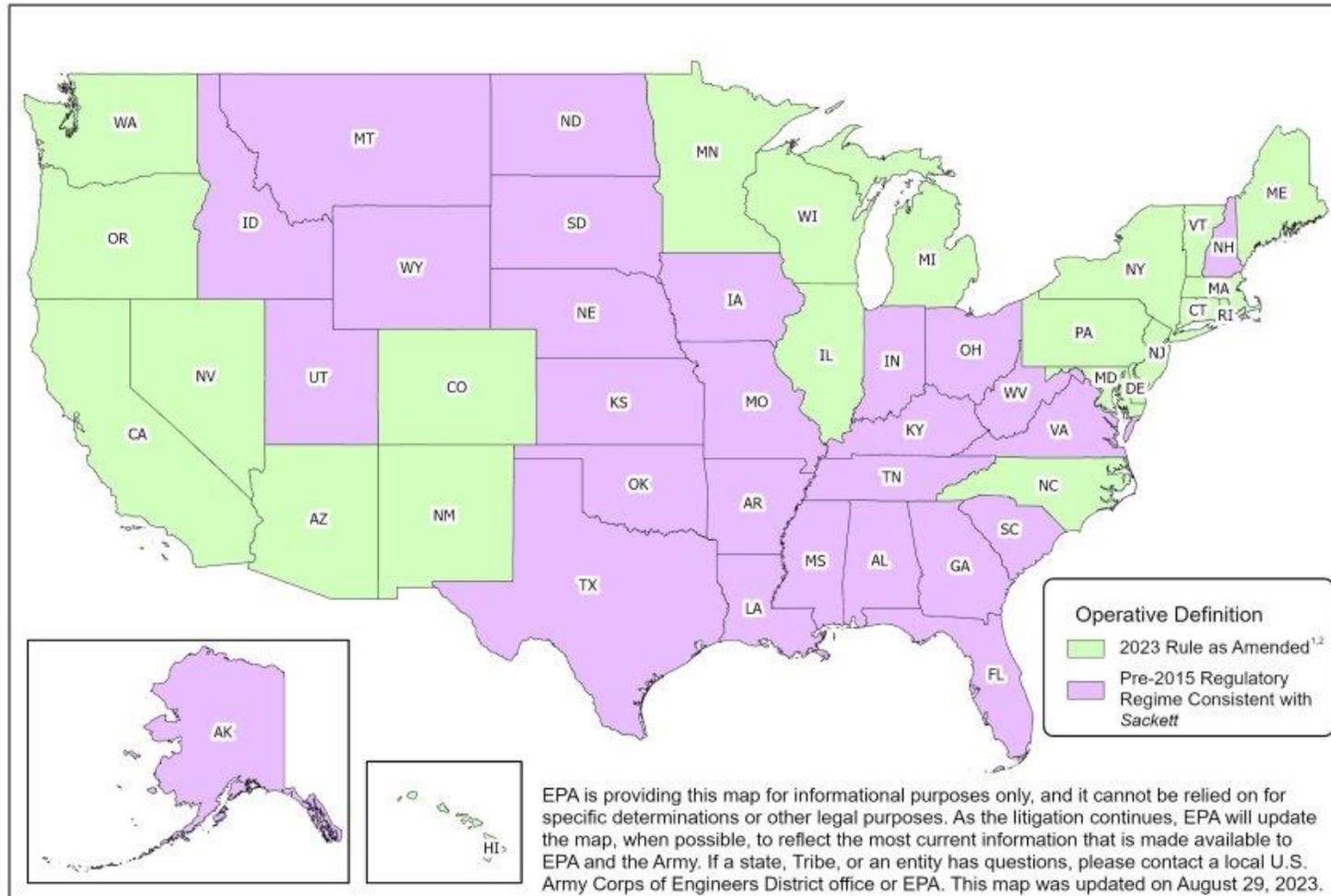
The definition of “waters of the United States” has been a subject of dispute and addressed in several major Supreme Court cases.



Background: Recent Events

January 2023	2023 Rule published – “Revised Definition of ‘Waters of the United States’”
March 2023	2023 Rule effective
May 2023	<i>Sackett</i> Supreme Court decision
June 2023	EPA and Army announce plans to issue a final rule amending the 2023 rule
August 2023	Final rule amending the 2023 rule: signature and announcement
September 2023	Final rule amending the 2023 rule: publication and effective date

Background: Operative Definition of “Waters of the United States”



¹Also operative in the U.S. territories and the District of Columbia

²The pre-2015 regulatory regime implemented consistent with *Sackett* is operative for the Commonwealth of Kentucky and Plaintiff-Appellants in *Kentucky Chamber of Commerce, et al. v. EPA* (No. 23-5345) and their members (Kentucky Chamber of Commerce, U.S. Chamber of Commerce, Associated General Contractors of Kentucky, Home Builders Association of Kentucky, Portland Cement Association, and Georgia Chamber of Commerce).

Background: *Sackett* Decision

- While the 2023 Rule was not directly before the Court, the Court considered the jurisdictional standards set forth in the rule.
- The Court concluded that the significant nexus standard was inconsistent with the Court’s interpretation of the Clean Water Act (CWA).
- The Court concluded that the *Rapanos* plurality was correct: the CWA’s use of “waters” encompasses only those **relatively permanent, standing or continuously flowing bodies of water** forming geographical features that are described in ordinary parlance as streams, oceans, rivers, and lakes.
- The Court also agreed with the *Rapanos* plurality that wetlands are “waters of the United States” when the **wetlands have a continuous surface connection to bodies that are “waters of the United States”** in their own right, so that there is no clear demarcation between “waters” and wetlands.

Conforming Rule: Final Rule Amending the January 2023 Rule

- The agencies have determined that there is “good cause” under section 553(b)(B) of the Administrative Procedure Act to issue a final rule without prior proposal and opportunity for comment because such notice and opportunity for comment is unnecessary.
- Certain provisions of the 2023 Rule are invalid under the Supreme Court’s interpretation of the Clean Water Act in the *Sackett* decision.
- Providing advance public notice and seeking comment is unnecessary because the sole purpose of this rule is to amend these specific provisions of the 2023 Rule to conform with *Sackett*, and such conforming amendments do not involve the exercise of the agencies’ discretion.

Preamble to the Conforming Rule

- I. Why are the agencies issuing this final rule?
- II. Which provisions are amended?
- III. Severability
- IV. Statutory and Executive Orders reviews

Preamble to the Conforming Rule

- The agencies will continue to interpret the definition of “waters of the United States” consistent with the *Sackett* decision.
- It is both reasonable and appropriate for the agencies to promulgate this rule in response to a significant decision of the Supreme Court and to provide administrative guidance to address other issues that may arise outside of this limited rule. The agencies have a wide range of approaches to address such issues, including:
 - approved jurisdictional determinations and Clean Water Act permits;
 - guidance;
 - notice and comment rulemaking; and
 - agency forms and training materials.
- The agencies also intend to hold stakeholder meetings to ensure the public has an opportunity to provide the agencies with input on other issues to be addressed.

Targeted Changes to January 2023 Rule Jurisdictional Waters

Categories of Jurisdictional Waters

(a)(1)

- (i) Traditional Navigable Waters
- (ii) Territorial Seas
- (iii) Interstate Waters – **revised**

(a)(2) Impoundments of Jurisdictional Waters

(a)(3) Tributaries – **revised**

(a)(4) Adjacent Wetlands – **revised**

(a)(5) Additional Waters – **revised**

No Changes to January 2023 Rule Exclusions

Exclusions

(b)(1) Waste treatment systems

(b)(2) Prior converted cropland

(b)(3) Certain ditches

(b)(4) Artificially irrigated areas that would revert to dry land if irrigation ceased

(b)(5) Certain artificial lakes and ponds

(b)(6) Artificial reflecting or swimming pools or other small ornamental bodies of water

(b)(7) Certain waterfilled depressions

(b)(8) Swales and erosional features

Targeted Changes to January 2023 Rule Definitions

Definitions

(c)(1) Wetlands

(c)(2) Adjacent – **revised**

(c)(3) High tide line

(c)(4) Ordinary high water mark

(c)(5) Tidal waters

(c)(6) Significantly affect – **deleted**

Status Update: Corps Approved Jurisdictional Determinations (AJDs)

- After the *Sackett* decision was issued, the Corps paused issuance of all AJDs while the agencies determined next steps.
- After a short time, the Corps began issuing some types of AJDs:
 - Where no water resources are involved (dry land AJDs).
 - Where features meet the terms of the exclusions under the 2023 Rule or pre-2015 regulatory regime, where applicable.
- The Corps resumed issuing all types of AJDs on the effective date of the new rule.

Additional Information

- See <https://www.epa.gov/wotus> for additional information.
- Please contact wotus-outreach@epa.gov with any questions.

EPA Case Study - 4H Construction Oil Spill

Adam Adams, EPA

4H Construction Oil Spill (Discharge)

November 3, 2023 - RRT6 Presentation

FOSC ADAM ADAMS

With support from USCG SLMR-PO1 Zachary Phillips

And ADEE Stephen Ratley and Zack Smalling

What happened?

- NRC (#1372952) notified EPA R6 Phone Duty Officer:
- Three (3) vessels were tied off together.
- “One sank and is pulling down the other two” on July 13, 2023.
- Unknown amounts of oil products discharging directly into the Arkansas River.

- In follow up, RP indicated they were in the process of going through bankruptcy.

Site Vicinity Map

1. In the Inland Zone



Aerial View prior to
Incident





RIVERTON

SPRING BRACE

SPRING BRACE

What agency has jurisdiction?

“The EPA Region 6 predesignates the **COTP as the OSC** in response to an incident in the **inland zone** when it involves; a **commercial vessel**, or an oil or hazardous material transfer operation on the marine transportation-related portion of a MTR facility. The incident must result in an actual discharge or threatened discharge of oil or hazardous substances into or on navigable waters of the United States, its shoreline or the riverbank within the USCG Eighth District's Area of Responsibility in EPA Region 6 as defined in 33 CFR 3.40-1. The COTP in each Zone shall provide annually a list of fixed MTR facilities located in the inland zone of their area of responsibility to the Co-Chair of the RRT. The EPA shall be advised of any response actions performed by the COTP within the inland zone via verbal notification and Pollution Reports (POLREPS). When the COTP is not notified via National Response Center, EPA shall notify the COTP for all commercial vessel and MTR spills or releases in the inland zone.” (*Memorandum of Agreement (MOA), rev 2009*)

“**[C]ommercial vessels** are vessels **in commercial service** that conduct any type of trade or business involving the transportation of goods or individuals, except combatant vessels. This includes tank vessels (ships and barges); freight vessels and barges; commercial fishing vessels; passenger vessels; and towing vessels. ...” (*MOA, rev 2009*)

“A Certificate of Financial Responsibility (*COFR*) is issued to vessel operators who have demonstrated their ability to pay for cleanup and damage costs up to the liability limits required by the Oil Pollution Act... (*NON-COFR means there's no Certificate*).” (*CANAPS Definitions*)

What agency has jurisdiction?

1. Inland zone, therefore, **the vessels are in EPA's Area of Responsibility (AOR).**

2. Vessels are business vessels, but “not in service” and have no certificate, therefore **they are in EPA's jurisdiction.**

EPA FOSC is the Lead .

State and Local Emergency Response



State and Local Response

State and Local Initial Response (this is not an all-inclusive list):

Sebastian County Department of Emergency Management (SCDEM),
Crawford County Department of Emergency Management (CCDEM),
Arkansas Department of Energy and Environment (ADEE), and

Local Responders along with a neighboring entity (ARKHOLA) responded with approximately 1,000 ft of hard boom to contain and herd the discharge back to the source location, then secured the hard boom in-place.

First Federal Official (FFO):

USCG Sector Lower Mississippi River (SLMR) responded as the FFO on-scene and relayed incident details back to the enroute EPA FOSC.

Federal Emergency Response



EPA Emergency Response

July 13, 2023: EPA opened an FPN and mobilized Response Duty Officer (FOSC), START and ERRS Contractors.

Resources utilized for active recovery: Vacuum trucks, drum skimmers, vessels, personnel, containment hard boom, etc.

July 14, 2023:

Was informed by the Responsible Party (RP) there were multiple vessel owners: RP #1 owned the Riverton, #2 owned the Teddy Bear, and #3 owned the Tender Max and Joyce Marie; however, the last two were in possession of and operated/managed by #1 & #2, a couple.

Additional FPNs were opened for each RP, even though the discharged oil products could not be attributed to any specific vessel yet; therefore, charging to the 1st Umbrellas FPN only.

Note: Presently, there are eight additional vessels at this location all owned by RP#2 in varying conditions.

EPA's initial strategy:

- 1. Assess incident.**
- 2. Maintain containment.**
- 3. Recover discharge.**
- 4. Raise vessels.**
 - 1. Remove oil from vessels.**
 - 2. Disconnect vessels.**
- 5. Complete oil recovery.**
- 6. Dispose of wastes.**
- 7. Demobilize.**



Vessel	RP	Length (ft)	Gross Tons (gt)	Capacities (gal)- Fuel/Lube/ Hydraulic	Reported volumes (gal)
Riverton	RP #1	60	108	15,000/250/ x	Unknown; “a majority of the oil”
Teddy Bear	RP #2	33	12	Unknown	Unknown; “empty”
Tender Max	RP #3 (RP #1 & #2)	46	14	Unknown	100/20/5 – 200 max
Joyce Marie	RP #3 (RP #1 & #2)	46	36	1,400/5/5	“None, under repairs”; “empty”
Totals				> 17,000	> 200

Waste Metrics

Date	Volume Recovered (gal, estimated)	Cumulative (gal)	Oily solids (debris & spent absorbents, cyd, estimated)	Cumulative (cyd)
7/14/2023	260	260	4	4
7/15/2023	1,750	2,010	2	6
7/16/2023	1,475	3,480	3	9
7/17/2023	2,355	5,840	4	13
7/18/2023	840	6,680	5	18
7/19/2023	520	7,200	2	20
7/20/2023	0	7,200	0	20

EPA Emergency Response

RP option to raise the vessels?

RP #1 notified the FOSC on 8/10/2023 that he was working on options to raise the vessels.

RP #1 notified the FOSC on 9/27/2023 that they did not have the funds to raise them.

EPA option to raise the vessels? (Cost-benefit-analysis)

Spend approx. \$1M just to raise the four vessels for an unknown amount of oil products remaining in them, but not more than approximately 10,000 remaining gallons. (>17,000 gal capacity – 7,200 gal recovered)

Result. Passive response going forward, pending a shift and a large volume ‘burps’ from the sunken vessels, in which case, EPA can respond again.

EPA Emergency Response

Timeline

7/13/2023 – Mobilize resources and actively contain and recover discharge.

7/20/2023 – Demobilize contractors, begin monitoring daily.

7/24/2023 – EPA FOSC demobilizes, no visible sheen outside the hard boom.

7/26 & 28/2023 – EPA START checks the Site; no visible sheen outside the hard boom.

8/4, 18, 22/2023 – EPA START checks the Site; no visible sheen outside the hard boom.

8/23-25/2023 – EPA FOSC and ERRS mobilize an additional 450 ft of hard boom (1,450 total), return 1,000 ft of hard boom to ARKHOLA, and check Site; no visible product, no visible sheen outside the hard boom.

8/31/2023 – ERRS demobilizes equipment and checks the Site; no visible product; no visible sheen outside hard boom.

9/21/2023 – USCG SLMR checked the Site; no visible product outside the hard boom.

9/27-29/2023 – EPA FOSC mobilizes to demobilize equipment; no visible product; no visible sheen outside hard boom.

10/19/2023 – EPA ERRS contractor checks Site before demob from another Site; no visible product and no visible sheen outside the hard boom.



What's the Site look like now?
Occasional 'burps' and contained sheen.



Questions?

Thanks to USCG SLMR, ADEE, SCDEM, CCDEM,
and other entities that responded and/or supported this response effort.

Additional information may be found at
response.epa.gov/4HConstructionOilSpill

FOSC Adam Adams

USCG FOSC Briefs

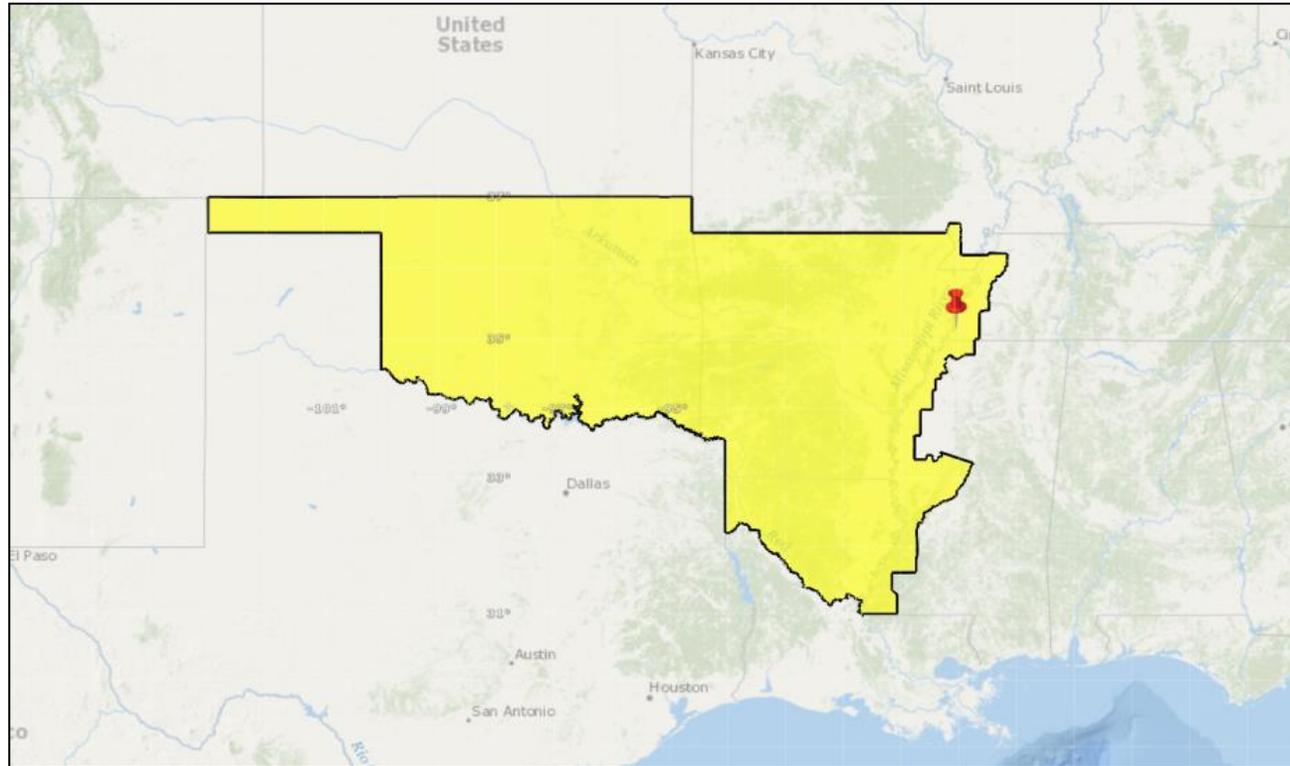
- | | |
|-----------------------------------|---------------------|
| 1. Sector Lower Mississippi River | MST1 Brandi Walls |
| 2. Marine Safety Unit Port Arthur | LT Nicholas Boinay |
| 3. Marine Safety Unit Houma | LTJG Eileen Best |
| 4. Sector Corpus Christi | LTJG James Mahoney |
| 5. Sector Houston-Galveston | CWO2 Michael Walker |
| 6. Sector New Orleans | LTJG Craig Feeney |



Sector Lower Mississippi River



Captain Kristi Bernstein
Sector Commander



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
41	0	1	0



Executive Summary

Challenges-	Getting new members experience for qualification as a pollution responder, and senior members experience for FOSCR.
Lessons Learned-	Developed better operating parameters with local and state agencies.
Best Practices-	Using a text brief to initiate comms with Command for pollution responses; using the Western Rivers Command Center (WRCC) for conferencing in Command.

Optional



RRT Activation / Notification

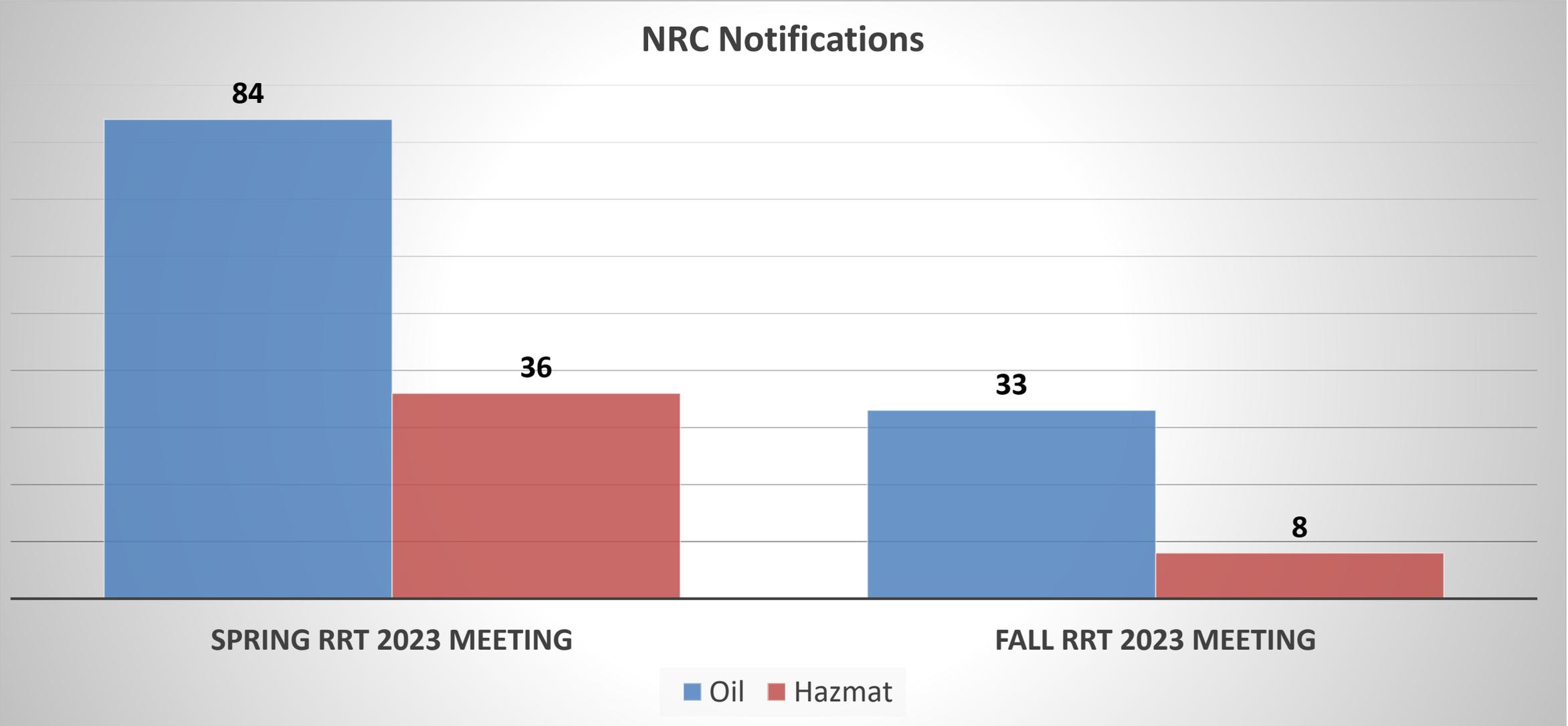


Date:	11 JUN 2023	Activation	Notification
Incident Name:	ITV LEVITICUS Asphalt Spill		
Location:	Mississippi River RDB MM339 (Near Natchez, MS and Vidalia, LA)		
Responsible Party:	Kirby Inland Marine LP		
Type and amount of product spilled:	FPN: UCGPN23032; product listed as vacuum tank bottoms or liquid asphalt; approximately 104 bbl (4,368 gal); approximately 3,402 gallons of product entered the water, and an additional 1,000 gallons were contained within secondary containment on the barge deck.		
Initial Response:	The crew of the Inspected Towing Vessel LEVITICUS was able to stop the discharge from the Kirby barge tank as well as contain what was on the deck. Vessel stopped on the bank and began deploying boom in the water around the barge in their tow. Kirby responders along with OSROs, MSRC and E3 Environmental, responded to the scene early Sunday morning to conduct initial assessment, investigation, and begin clean-up operations. USCG responded to the scene to conduct investigation into the event.		
Agencies Involved:	Coast Guard, TRG, KIRBY, State of LA (LOSCO), U.S. Fish and Wildlife Service LA, NOAA, LA Division of Archaeology (State Historic Preservation Office), OSROs (E3 Environmental, MSRC, T&T Salvage, and ES&H).		
Issues/Concerns:	Oil product/type and characteristics, 10mi of impacted shore, complexity of barge cleanup, weather (heat specifically).		





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	Towing Vessel SANDSTONE	10/27/22	11/3/22	DOI/USFWS	Response	Emergency Consultation	Boom deployment & lifting operations via A-frame crane spudded down.	Multiple	ESA	Not Possible to Account Accurately for Individual Species	No	\$100	\$0	\$100
Sector Lower Mississippi River, TN	Towing Vessel SANDSTONE	10/27/22	11/3/22	DOC/NMFS	Response	Emergency Consultation	Boom deployment & lifting operations via A-frame crane spudded down.	Multiple	ESA	Not Possible to Account Accurately for Individual Species	No	\$100	\$0	\$100
Sector Lower Mississippi River, TN	Towing Vessel SANDSTONE	10/27/22	11/3/22	State Historic Preservation Office (SHPO)	Response	Emergency Consultation	Boom deployment & lifting operations via A-frame crane spudded down.	N/A	NHPA	Nothing at Risk	No	\$100	\$0	\$100
Sector Lower Mississippi River, TN	ITV LEVITICUS - MM 339 LMR	6/10/23	7/4/23	DOI/USFWS	Response	Emergency Consultation	Booming/River Bottom Clean-up	Multiple	ESA	Not possible to account accurately for individual species.	No	\$400	\$0	\$400
Sector Lower Mississippi River, TN	ITV LEVITICUS - MM 339 LMR	6/10/23	7/4/23	State Historic Preservation Office (SHPO)	Response	Emergency Consultation	Booming/River Bottom Clean-up	Multiple	ESA	Not possible to account accurately for individual species.	No	\$200	\$0	\$200

[D8 Combined.MER.Consultations.Master.xlsx](#)



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
PPE	10 May 2023	GIUE – MSD Vicksburg	3rd Qtr	Leviticus Case	10 Jun – 04 Jul 2023
GIUE	14 Jun 2023	GIUE - SLMR	4th Qtr	EPA GIUE	27 Jun 2023
Oil Sample	12 Jul 2023	FOSCR College	19-23 Jun 2023	LEVITICUS (Kirby) Ride Along Spot Check	27 Sep 2023
ICS Environmental Unit Leader	03 Aug 2023	Emergency Consult Exercise	24 Aug 2023	RRT-7	27-28 Sep 2023
Consultation	08 Aug 2023			RRT-4	31 Oct – 02 Nov 2023



Outlook

Until Next RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
CFR Refreshers	Weekly	GIUE Q1 – Fort Smith	TBD	Clean Gulf Conference	07-09 Nov 2023
CBRN bi-annual training	25 Oct 2023	GIUE Q2 - SLMR	TBD		
FOSCR Course	30 Oct – 10 Nov 2023				
Transfer Monitors	Nov 2023				
Pollution Laws	Dec 2023				



MSU Port Arthur

Captain Anthony Migliorini

Commanding Officer



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
156	0	6	0



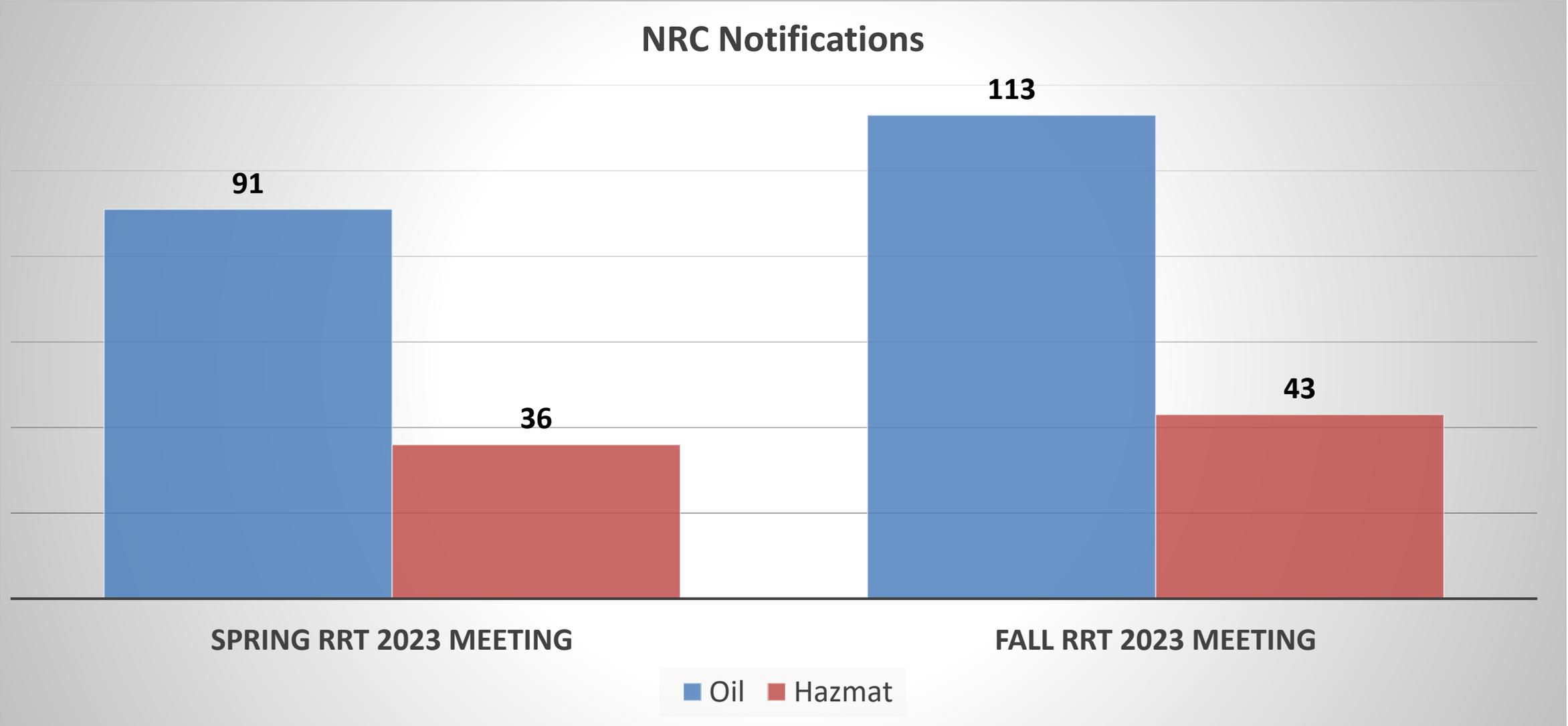
Executive Summary

Challenges-	Deterioration of abandoned infrastructure presents an ongoing issue that can be expected to present future issues.
Lessons Learned-	
Best Practices-	

Optional



NRC Notifications

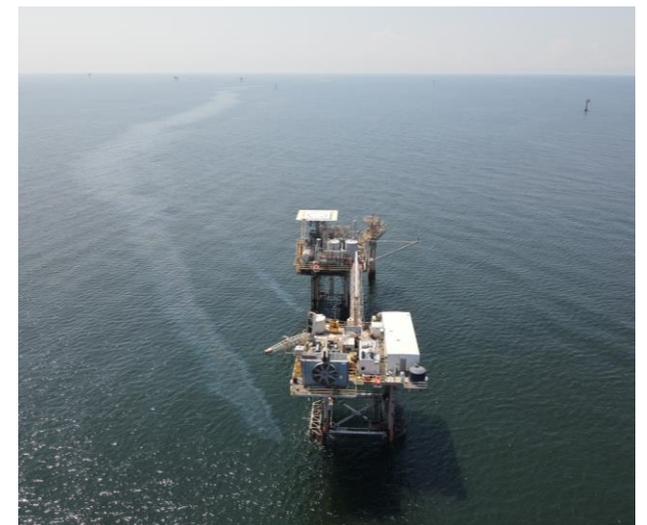




RRT Activation / Notification



Date:	08 JUN 2023	Activation		Notification	
Incident Name:	High Island 24 Platform				
Location:	High Island Block 24, 6.2 Miles South from McFaddin Beach, TX.				
Responsible Party:	Abandoned – Previously Owned By: Jefferson Block 24 Oil and Gas				
Type and amount of product spilled:	2 Mile Silver Sheen				
Initial Response:	Conducted drone overflight, identified two separate sheens emanating from the platforms. USCG hired T&T Salvage to conduct dive survey and identify damaged line(s). Eight hours of assessments conducted over two days identified potential sources, but no conclusive findings.				
Agencies Involved:	USCG, TGLO, Texas Railroad Commission, TPWD, & NOAA				
Issues/Concerns:	Scene accessibility, high density of lines/risers in the vicinity, timeline of State Agency access to funds.				





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 Port Arthur	TPIC / Black Lake	9/28/2023	Ongoing	DOI/USFWS	Response	Emergency Consultation / Post-response follow up	Booming / Removal and Disposal	Multiple	ESA	Threatened / Endangered	No	\$200	\$0	\$200
MSU Port Arthur	TPIC / Black Lake	9/28/2023	Ongoing	DOC/NMFS	Response	Emergency Consultation / Post-response follow up	Booming / Removal and Disposal	Multiple	ESA	Threatened / Endangered	No	\$200	\$0	\$200
MSU Port Arthur	TPIC / Black Lake	9/28/2023	Ongoing	State Historic Preservation Office (SHPO)	Response	Emergency Consultation / Post-response follow up	Booming / Removal and Disposal	Multiple	ESA	Threatened / Endangered	No	\$200	\$0	\$200

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Hurricane Preparedness Hotwash

- **Lessons learned from last year:**
 - Discovered gaps in A/V communications equipment, actively working on receiving vendor quotes and submitting a CAP (formerly RAMP) funding request for a mobile suite/conference room updates
- **Improvements in preparedness from last year to this year:**
 - Identified trailers for assessment teams, outfitted with current equipment and completed MOU with Port of Beaumont MARAD vessels for assessment team personnel and equipment housing
 - Conducted hurricane responsibility training with Logistics/Finance sections
 - Completed MOU with Orange County EOC as local COOP site
- **Ongoing and/or new concerns:**
 - Unable to have contracts with non-government facilities for COOP sites, continually searching for additional governmental facilities to host MOUs for COOP sites and safe havens
- **Things that went well this year:**
 - Worked through Ombudsman to get dependents hurricane brief via Facebook
 - Review process of go-kits and checklists for HURCON V
 - Training for unit personnel in hurricane response and ICS qualifications; crawl-walk phase
- **Areas for improvement:**
 - Training people in the walk-run phase of hurricane response
- **Unique Challenges:**
 - Isolated locale with lesser outside resources for immediate recovery operations
 - Hurricane equipment/unit assets being regularly broken into requires off-site staging of equipment, to include trailers with assessment team equipment



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
FOSCR School	8-19 May 2023	GIUE - Energy Transfer	22 May 2023	LA SACESG Meeting (Virtual)	21 Jun 2023, 04 Oct 2023
NOAA SOCR	22-26 May 2023	Phillips 66 Exercise	01 Aug 2023	TX Offshore Well Inspection Planning Meeting	12 Jul 2023
Oil Spill Control School	11-16 Jun 2023	PAMC Annual Tier II Exercise	24 Aug 2023	Annual TX ESF-10 Call	21 Jul 2023
FOSCR College	26-30 Jun 2023	Targa FSE	25-26 Sep 2023	NOAA Hurricane Preparedness Meeting	17 Aug 2023
NPFC Training	29 Aug 2023	SNCA Large Water Flow Exercise	27 Sep 2023	NSFCC PAV Inspections	22 Aug 2023
ICS-339 (DIVS/Group Supervisor)	10-11 Oct 2023	ExxonMobil Beaumont Tier II	3 Oct 2023	Annual LA ESF-10 Call	22 Aug 2023
Pollution Incident Response School	16-27 Oct 2023	Mass Hazard ESF-8	16 Oct 2023	MARAD Vessel Visit	03 Oct 2023



Outlook

Until Next RRT meeting

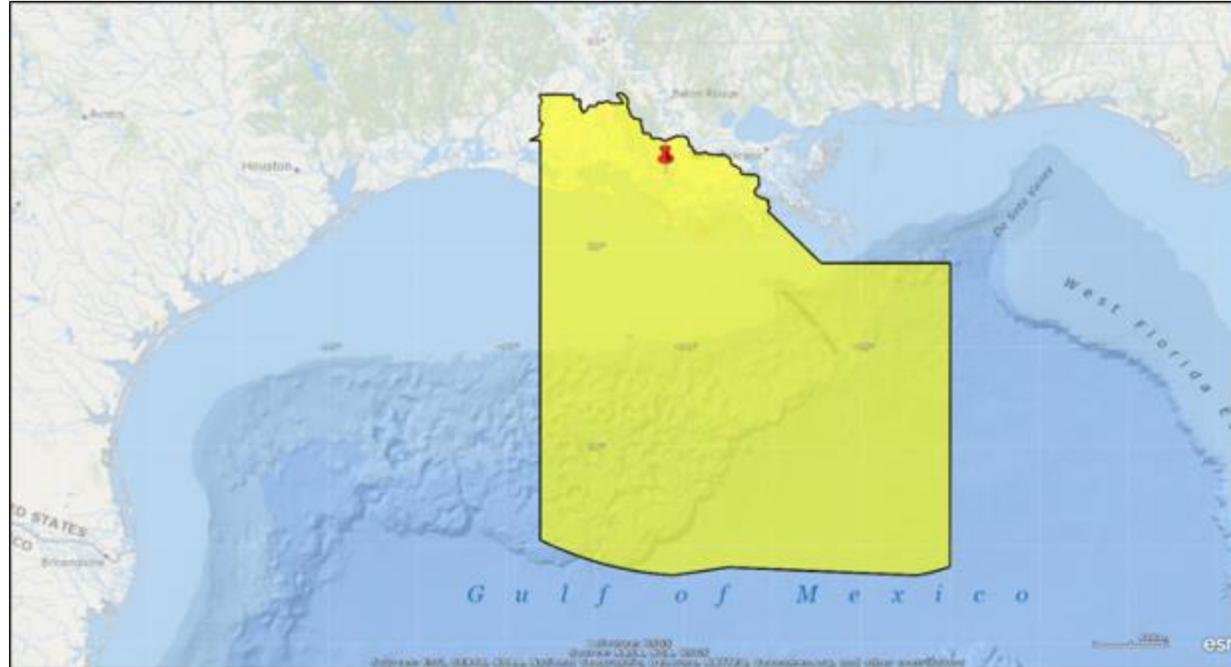
Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
OSC Crisis Management	04-08 Dec 2023	GIUE (PA)	FY24 Q2	Clean Gulf Conference	07-09 Nov 2023
ICS-339 (DIVS/Group Supervisor)	16-17 Jan 2024			Type III Hazards ICS	11-15 Dec 2023
NEPA E0452 Advanced I	04-10 Feb 2024			LA Statewide Area Committee Executive Steering Group (LA SACESG) (Virtual)	07 Feb 2024
Pollution Incident Response School	05-16 Feb 2024			TX Area Committee Executive Steering Group (TACESG)	28 Feb 2024
Oil Spill Control School	11-15 Mar 2024				
NEPA E0452 Advanced III	21-27 Apr 2024				



MSU Houma

Captain Loan O'Brien

MSU Commanding Officer



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
490	0	0	0



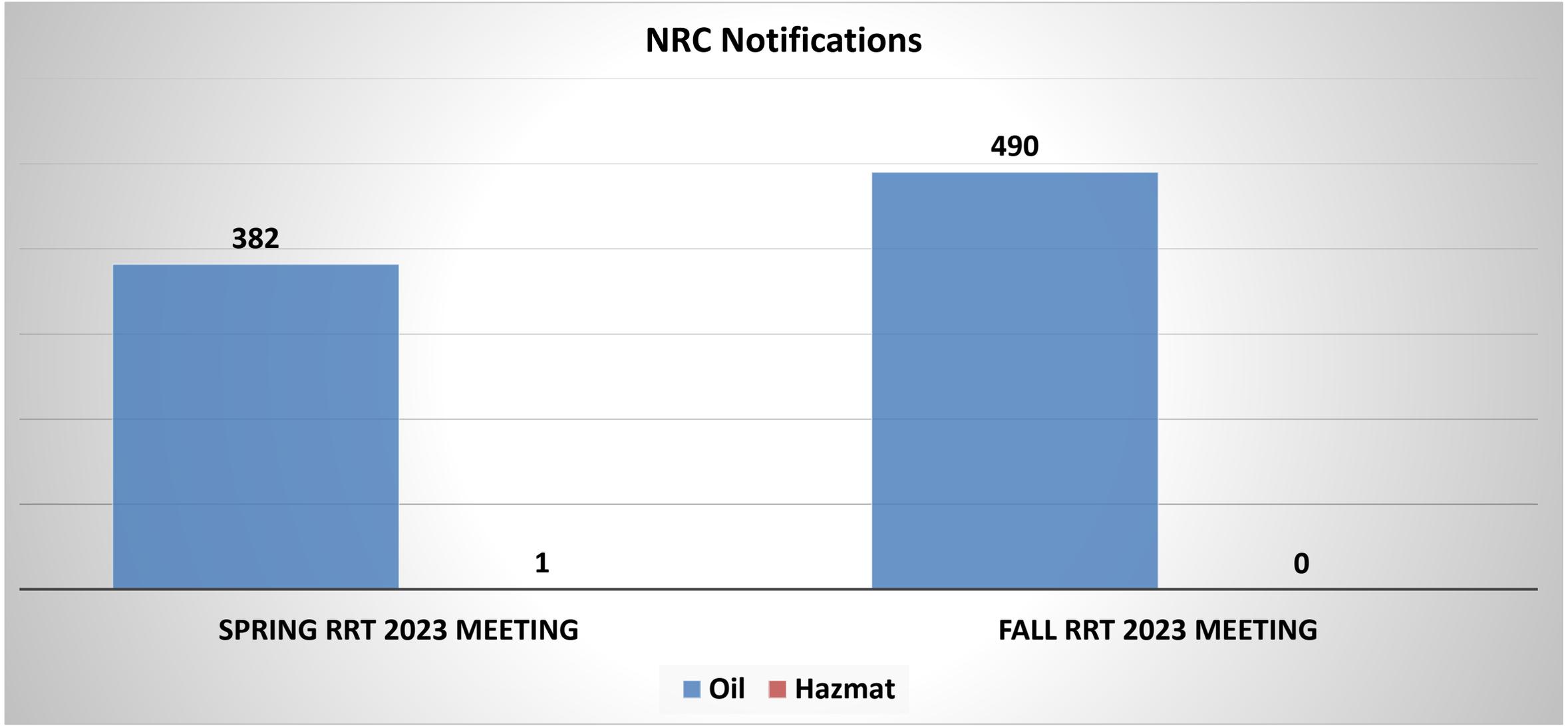
Executive Summary

Challenges-	<p>No Federal projects for FOSCRs seeking the qualification.</p> <p>IMD workload vs. amount of IMD billets on the PAL.</p>
Lessons Learned-	<p>Coordinating with Sector to match briefing thresholds.</p> <p>Implemented teleworking and more robust local NRC report log.</p>
Best Practices-	<p>Proposed/implementing workload reduction measures to Houma FOSC with positive results.</p>

Optional



NRC Notifications





RRT Activation / Notification



Date:	17 OCT 2023	Activation	x	Notification	
Incident Name:	TPIC St. Mary #45 Flowline				
Location:	29° 35' 59.54" N, 91° 30' 55.63" W, approximately 11.50-miles Southwest of Calumet, Louisiana				
Responsible Party:	Texas Petroleum Investment Company				
Type and amount of product spilled:	Crude Oil, 210 gallons				
Initial Response:	Flowline secured and all product removed from line. Attempts at physical recovery were hampered by soft sediment and vegetation				
Agencies Involved:	USCG, LOSCO, LDEQ, LDNR, NOAA, St. Mary Parish, US Fish and Wildlife, LDWF				
Issues/Concerns:	Just prior to RRT activation it was determined that a flowline for another company was in the vicinity of the proposed burn area; however, it was not known at the time the exact location or depth. The owner of the flowline requested the burn be called off to avoid any impact to the flowline. On 26Oct RRT-6 was activated to provide consultation/concurrence for the use of In-Situ Burn (ISB) after the owner of the flowline gave TPIC permission to do so.				





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	WEB 275 HAFO	09/28/2023	10/18/2023	DOI/USFWS	Response	Emergency Consultation	Booming/Skimming/Dredging	Multiple	ESA	Not Possible to Account Accurately for Individual Species	No	\$600	\$0	\$600

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Hurricane Preparedness Hotwash

- Lessons learned from last year:
 - MSU Houma personnel needed to be made aware of MSU's contingency plans for response purposes. i.e., Salvage Response Plan and Marine Transportation System Recovery Plans.
 - Newly reported members must be better versed in ICS, requiring regular training.
- Improvements in preparedness from last year to this year:
 - MSU Houma is one of the highest ICS readiness units in the CG.
 - Interest and participation in exercises and exercise planning mainly consist of MSU Houma members.
- Ongoing and/or new concerns:
 - MSU Houma has difficulty getting junior Petty Officers into ICS courses
- Things that went well this year:
 - Amelia Belle Exercise and PREP Tabletop Exercise.
 - COOP TTX along with ICS breakout session.
- Areas for improvement:
 - More qualified personnel to augment IMT adequately.
- Unique Challenges:
 - MSU has to try to find a balance between the heavy prevention workload and obtaining ICS qualifications.



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
HMIR (Houma)	05-09 Jun 2023	ExxonMobil Exercise (Baton Rouge)	26 Sep 2023	LA SACESG Meeting (Virtual)	21 Jun 2023, 04 Oct 2023
FOSCR College (Houston)	26-30 Jul 2023	LLOG Tabletop Exercise (Covington)	28 Sep 2023	Annual LA ESF-10 Call	22 Aug 2023
Rad Level 1 and 2 Training (Morgan City)	17 Jul 2023	ExxonMobil Gulf of Mexico Exercise (Houma AOR)	19 Oct 2023	LA SC Area Committee Meeting (Houma) and TTX	11 Sep 2023
Offshore Oil Production 101 (Houma)	21 Jul 2023				
NPFC Visit	26 Jul 2023				
Oil Spill Control (Texas)	06-11 Aug 2023				
CBRN In-person Training (Morgan City)	29 Aug 2023				



Outlook

Until Next RRT meeting

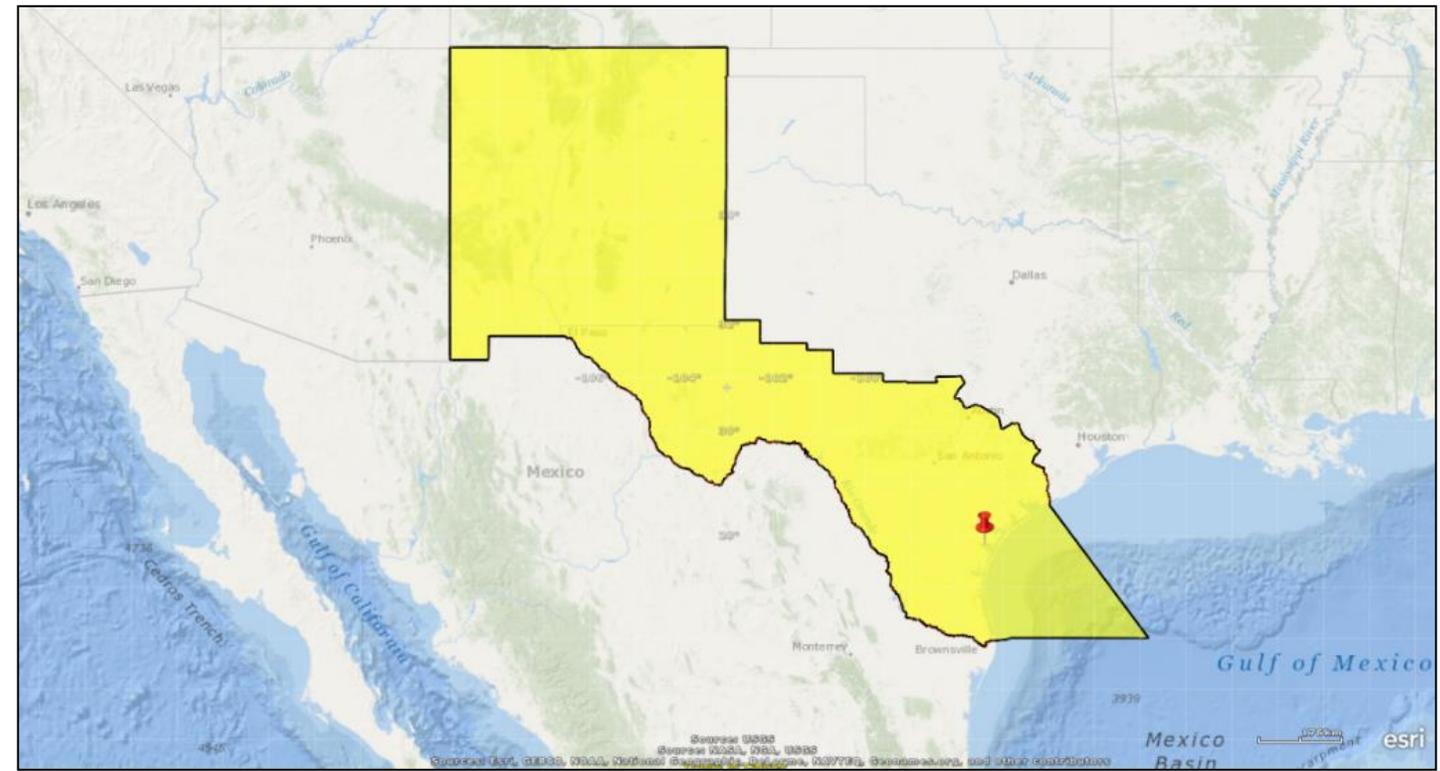
Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
FOSCR Course	30 Oct – 10 Nov 2023	LOOP/LOCAP (Larose)	08 Nov 2023	Clean Gulf Conference	07-09 Nov 2023
ICS-339 (DIVS/Group Supervisor)	13-14 Nov 2023	GIUE (MSD Lafayette)	TBD	LA Statewide Area Committee Executive Steering Group (LA SACESG) (Virtual)	07 Feb 2024
		GIUE (MSU Morgan City)	TBD		
		GIUE x2 (MSU Houma)	TBD		



Sector Corpus Christi

Captain Jason Gunning

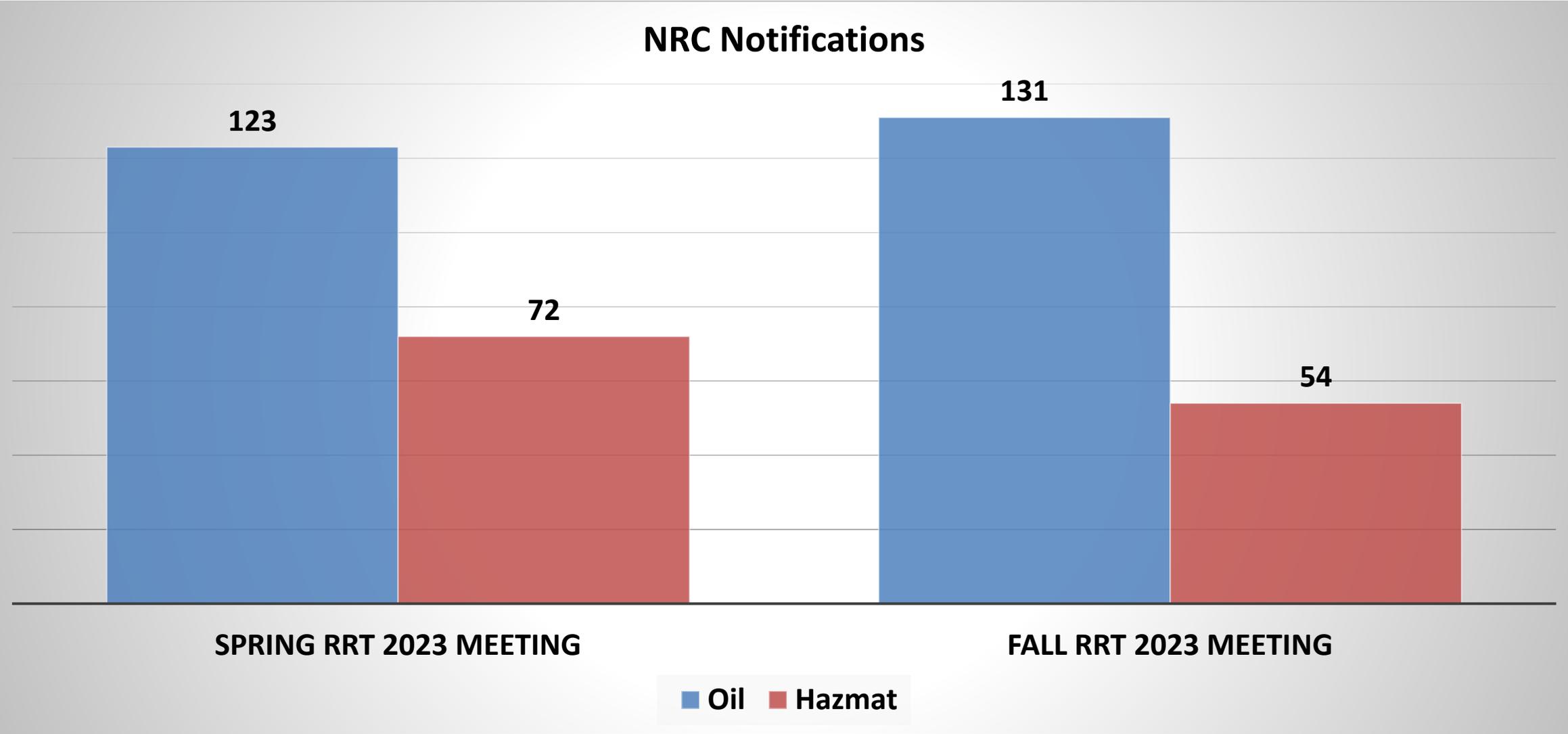
Sector Commander



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
185	0	3	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
SEC Corpus Christi	Dock 5 Oil Spill	12/24/2022	TBD	DOI/USFWS	Response	Emergency Consultation	Oil Recovery	Multiple	ESA	Not Possible to Account Accurately for Individual Species	No	\$200	\$0	\$200
SEC Corpus Christi	Dock 5 Oil Spill	12/24/2022	TBD	DOI/USFWS	Response	Emergency Consultation	Oil Recovery	Multiple	ESA	Not Possible to Account Accurately for Individual Species	No	\$200	\$0	\$200

[D8 Combined.MER.Consultations.Master.xlsx](#)



Hurricane Preparedness Hotwash

- Lessons learned from last year:
 - Loss of experience due to annual turnover
- Improvements in preparedness from last year to this year:
 - Community initiated hurricane conferences throughout the AOR
 - NDOW 2023 at Sector, exercised the Multipurpose Space.
- Ongoing and/or new concerns:
 - Response resource availability throughout the AOR
- Things that went well this year:
 - Community initiated Hurricane Conferences throughout the AOR.
 - Corpus Christi Conference incorporated a discussion-based exercise.



Accomplishments

Since last RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
SCAT introduction/ Refresher	23 Aug 2023	Coastal Bend Hurricane Conference	03-04 May 2023	STCZ AC	28 Jun 2023
MSRC SOUTHERN RESPONDER	Monthly	NDOW	23-25 May 2023	Annual TX ESF-10 Call	21 Jul 2023
RTFC Fire Fighting Foam Demo	30 Aug 2023	GIUE (Epic)	31 May 2023	CTCZ AC	07 Sep 2023
NPFC Visit	31 Aug 2023	Wildlife Branch TTX	17 Jul 2023	STCZ AC	25 Oct 2023
Tank Fire Management Workshop	24 Oct 2023	Port CC Prepared 2023 Marine Fifi / Mass Rescue Op	24-25 Aug 2023		
		GIUE (Flint Hills)	30 Aug 2023		
		Wildlife Branch Function EX	07 Sep 2023		
		The South Texas Coastal Zone Area Committee TTX Port Lavaca	27 Sep 2023		



Outlook

Until Next RRT meeting

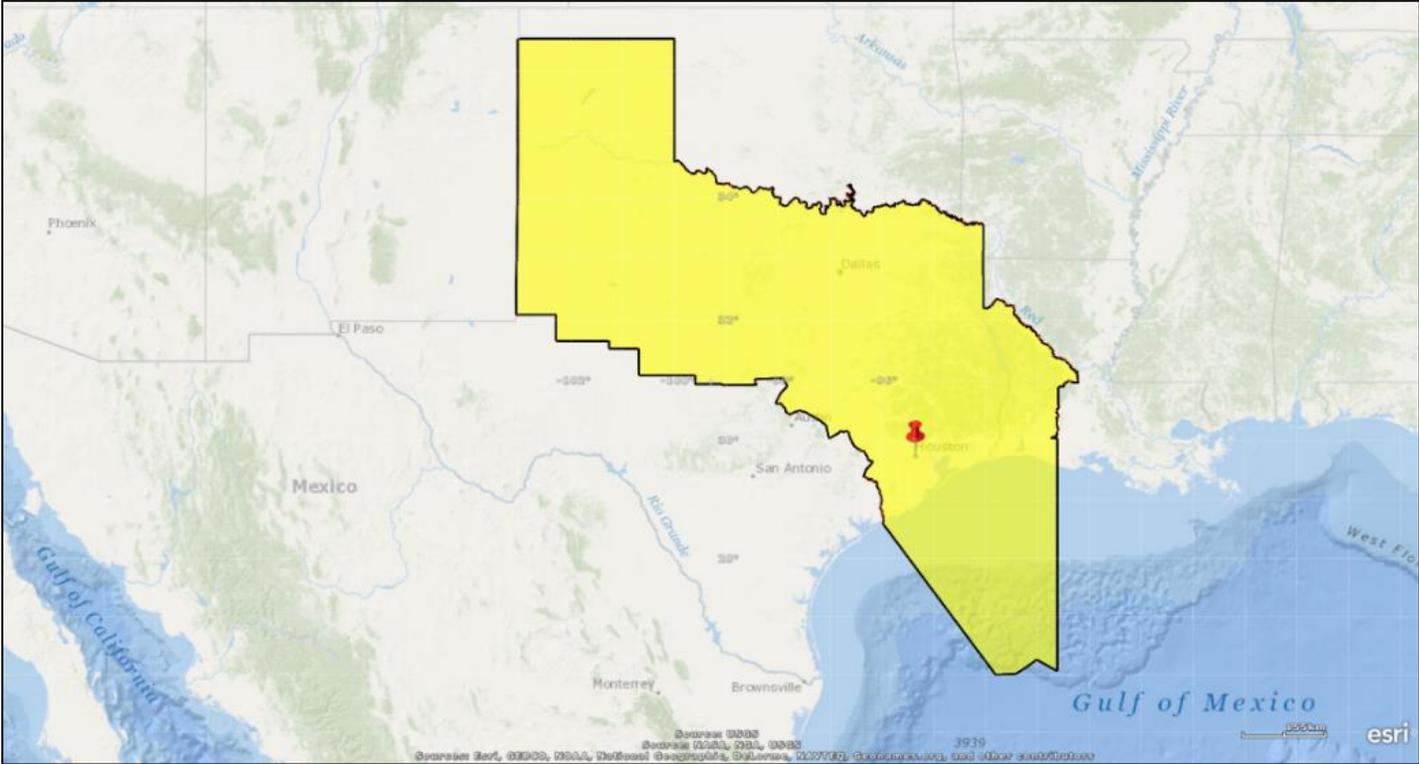
Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
TGLO Toolkit	TBD	Oiled Wildlife Response Workshop	01 Dec 2023	Clean Gulf Conference	07-09 Nov 2023
		Valero Full Scale Exercise	Apr 2024	NSFCC PAV	13-15 Nov 2023
				South Texas Coastal Zone ACM ESG	18 Jan 2024
				South Texas Coastal Zone ACM	28 Feb 2024
				TX Area Committee Executive Steering Group (TACESG)	28 Feb 2024



Sector Houston-Galveston



Captain Keith Donohue
Sector Commander



NRC Notifications	RRT Activations	OSLTF Projects	CERCLA Projects
246	0	3	0



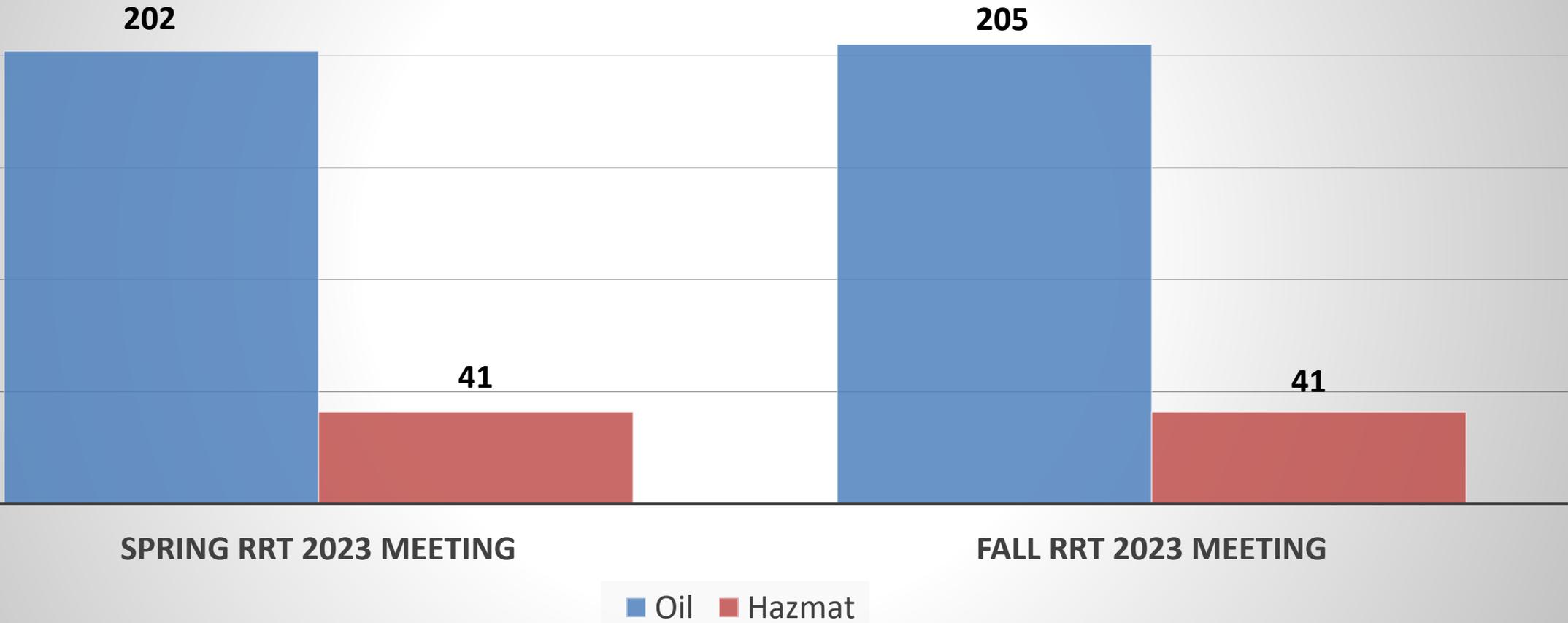
Executive Summary

Challenges-	Busier than usual tarball season in Galveston this summer.
Lessons Learned-	State stakeholders such as TGLO have pre-determined thresholds for tarball concentration to justify physical removal of tarballs from Texas beaches.
Best Practices-	Work closely with state agencies and local stakeholders to determine when and how it is prudent to initiate clean-up efforts which impact local resources.

Optional



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 Houston-Galveston	UCGPN22041	08/18/2022	10/11/2022	DOC/NMFS	Response	Emergency Consultation	Boom deployment	Multiple	ESA	Not Possible to Account Accurately for Individual Species	No	\$600	\$0	\$600
Sector Houston-Galveston	UCGPN22041	08/18/2022	10/11/2022	DOI/USFWS	Response	Emergency Consultation	Boom deployment	Multiple	ESA	Not Possible to Account Accurately for Individual Species	No	\$600	\$0	\$600

[D8 Combined.MER.Consultations.Master.xlsx](#)



Hurricane Preparedness Hotwash

- Lessons learned from last year:
 - Sector and MSU IMT integration.
 - Utilize Microsoft Teams for storage and access to vital records.
- Improvements in preparedness from last year to this year:
 - New COOP plan.
 - Updates to HURCON/PORTCON checklists.
- Ongoing and/or new concerns:
 - None noted.
- Things that went well this year:
 - Trained new IMT members.
 - Continued coordination and strong relationships through NDOW.
 - Incorporated COOP exercise, devolution – Sector 2 Sector.
- Areas for improvement:
 - Revision year for plan.
- Unique Challenges:
 - None noted.



Accomplishments

Since last RRT meeting



Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
FOSCR College	26-30 Jun 2023	NDOW FSE	23-25 May 2023	Annual TX ESF-10 Call	21 Jul 2023
MTSL3 Training	18 Jul 2023	SMFF TTX	31 May 2023	State & Local Agencies Meeting	26 Jul 2023
ICS-460	31 Jul – 3 Aug	Shell TTX	22 Jun 2023	LEPC Meeting	Various
		PREP FSE	27-28 Sep 2023	Channel Industry Mutual Aid Meeting	05 Sep 2023
		ExxonMobil BSEE TTX	19 Oct 2023	CTCAC Meeting	07 Sep 2023
		BP TTX	25-26 Oct 2023	LSHSC Meeting	12 Sep 2023



Outlook

Until Next RRT meeting

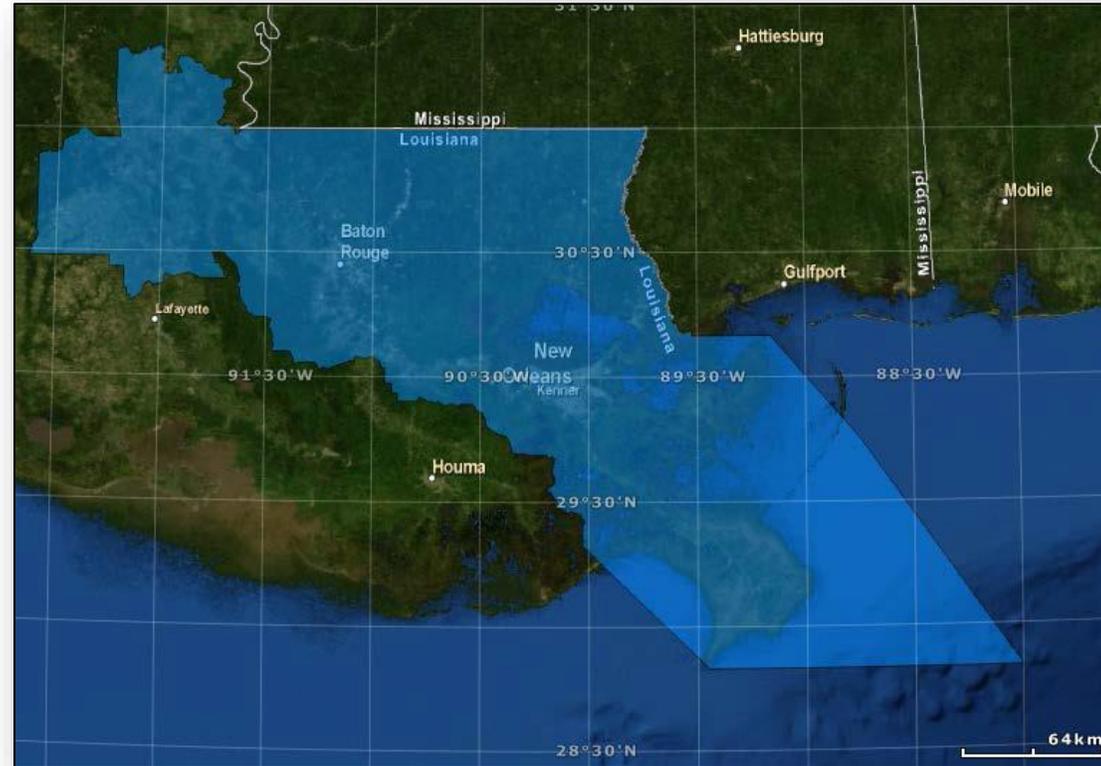
Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
Clean Gulf Associates & MSRC offshore oil recovery demonstrations	2024 TBD	State & Local Agencies Meeting	26 Jul 2024	Clean Gulf Conference	07-09 Nov 2023
				Galveston County EM Meeting	06 Dec 2023
				CTCAC Meeting	01 Feb 2024
				TX Area Committee Executive Steering Group (TACESG)	28 Feb 2024



Sector New Orleans

Captain Kelly Denning

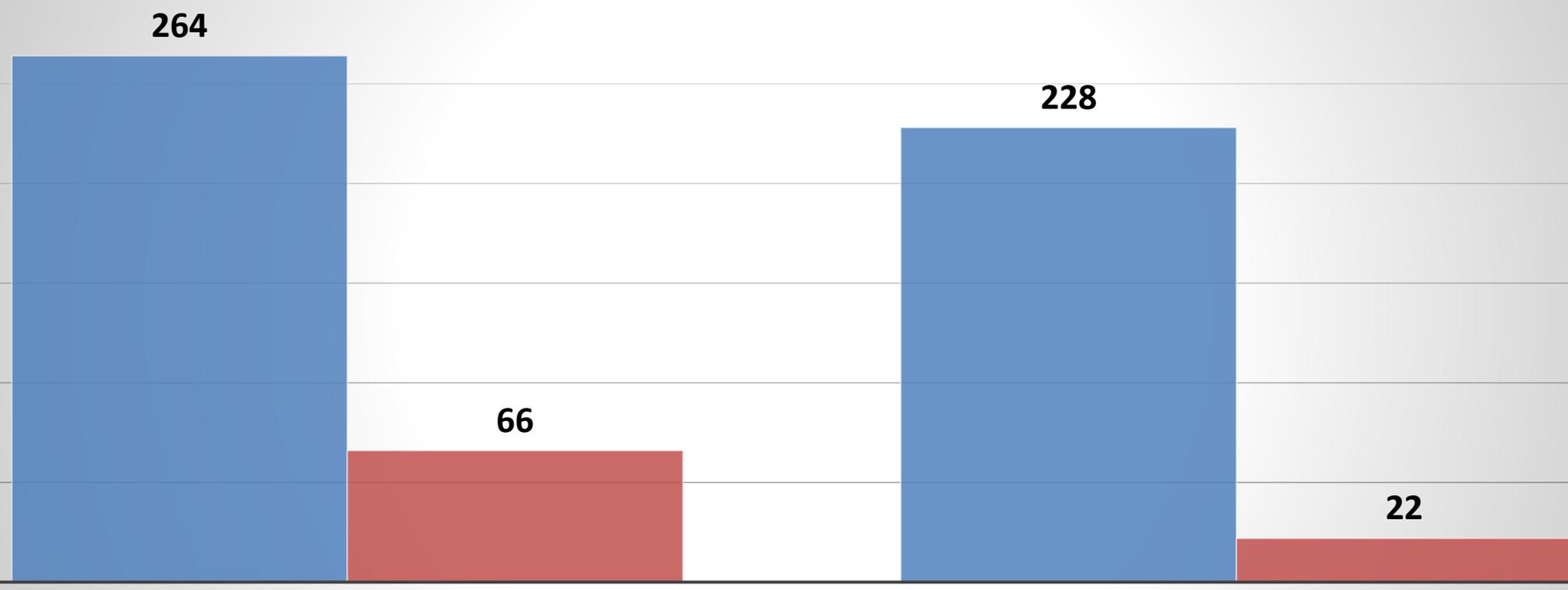
Sector Commander



NRC Notifications	RRT Activations	Federal Projects	CERCLA Projects
250	1	1	0



NRC Notifications



SPRING RRT 2023 MEETING

FALL RRT 2023 MEETING

Oil Hazmat



RRT Activation / Notification



Date:	07 JUL 23	Activation	X	Notification	
Incident Name:	Romier Pass 41 Flowline Incident				
Location:	TPIC Romier Pass 41 Facility, 6 NM East of Venice, LA				
Responsible Party:	Texas Petroleum Investment Company (TPIC)				
Type and amount of product spilled:	2-3 barrels of crude oil				
Initial Response:	TPIC shut-in the well associated with the flowline and boom (hard and sorbent) was deployed				
Agencies Involved:	DOI – USFWS, LDWF, SHPO, DOC – NOAA, LOSCO, EPA R6				
Issues/Concerns:	Low pressure flushing would cause damage to Roseau cane, road flares ineffective, TFR not obtained				





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 New Orleans, LA	Hilcorp Flow Line Burrwood Canal	10/2/2023	Ongoing	State Historic Preservation Office (SHPO)	Response	Emergency Consultation	Booming/Skimming/Sorbents	N/A	NHPA	Nothing at Risk	No	\$200	\$0	\$200
Sector New Orleans, LA	Whitney Oil Joseph Bayou	7/31/2023	8/02/2023	DOI/USFWS	Response	Emergency Consultation	Booming/Skimming	Manatee, Black Rail	ESA	Endangered	No	\$200	\$0	\$200
Sector New Orleans, LA	Whitney Oil Joseph Bayou	7/31/2023	8/02/2023	State Historic Preservation Office (SHPO)	Response	Emergency Consultation	Booming/Skimming	N/A	NHPA	Nothing at Risk	No	\$200	\$0	\$200

[D8 Combined.MER.Consultations.Master.xlsx](#)



Hurricane Preparedness Hotwash

- Lessons learned from last year:
 - Loss of experience due to personnel turnover
- Improvements in preparedness from last year to this year:
 - Worked collaboratively with NOAA SSC to provide hands-on VADR/ERMA training for an improved common operating picture
 - Continued work with NOAA SSC to develop job aid for VADR/ERMA to streamline IMT implementation as needed
- Things that went well this year:
 - Full-Scale exercise to provide training opportunity for new members to unit / lessons learned from previous year's hurricane seasons
- Areas for improvement:
 - Continued improvement for streamlining utilization of ERMA for a full common operating picture



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	08-19 May 2023	Spring 2023 GIUE	23 May 2023	Plaquemines Parish LEPC	08 Jun, Sep 2023
Hazardous Materials Incident Response	05-09 Jun 2023	Spring GIUE #2 (Sector New Orleans and MSU Baton Rouge)	Jun 2023	SE Louisiana Area Committee Meeting	15 Jun 2023
Federal On-Scene Coordinator College	19-23 Jun 2023	Severe Weather Exercise	29 – 30 Aug 2023	LA SACESG Meeting (Virtual)	21 Jun 2023, 04 Oct 2023
Pollution Incident Response	14-25 Aug 2023	PREP Exercise	14 Sep 2023	St Bernard Parish LEPC	10 Jul 2023
				Harbor Safety Committee Meeting	Jul, Sep 2023
				Annual LA ESF-10 Call	22 Aug 2023



Outlook

Until Next RRT meeting

Training		Exercises / Workshops		Federal, state, and local planning and coordination efforts	
Description	Dates	Description	Dates	Description	Dates
ICS 339 – Div/Group Sup	Varied	Fall GIUE	TBD	Clean Gulf Conference	07-09 Nov 2023
Hazardous Materials Incident Response	Mar 2024	IMTT St. Rose WCD TTX	14 – 15 Nov 2023	St. Bernard LEPC Meeting	13 Nov 2023
Oil Spill Control	Mar 2024	Spring GIUE	TBD	LA Statewide Area Committee Executive Steering Group (LA SACESG) (Virtual)	07 Feb 2024
Federal On – Scene Coordinator Representative	Varied				

Open Forum



Action Items

No	Items	Assigned To
1		
2		
3		
4		

Future Meeting Dates

Dates for next RRT-6 Meetings		
Semiannual Meetings	Location	Dates
Spring 2024	Addison, TX	8-9 May 2024
Fall 2024	Addison, TX	13-14 Nov 2024
Spring 2025	Addison, TX	7-8 May 2025
Fall 2025	Addison, TX	5-6 Nov 2025

Closing Remarks

Co-Chairs



Craig Carroll, U.S. EPA



Michael Sams, USCG