Hurricane Harvey
ESF – 10
Unified
Incident Action Plan
(IAP-15)

Operational Period:
Starting: 09/14/2017 @ 0700
Ending: 09/15/2017 @ 0700

7010581

1. Incident Name:	2. Operational Period: (Date/Time)	INCIDENT OBJECTIVES ICS 202 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/14/2017 @ 0700 To: 09/15/2017 @ 0700	

3. Incident Objective(s):

- **Provide for the safety, welfare and security of response personnel.**
- **Maximize the protection of public, health, and safety.**
- **Identify affected drinking water and wastewater systems in each area, evaluate the systems to determine their operational status and facilitate system contact with Federal, State, and Local agencies (provide technical assistance).**
- **Conduct wide area assessment to identify orphaned containers equal to or greater than 5 gallons, potential or actual discharges from vessels and/or facilities, and document the most effective means for recovery or mitigation in accordance with Natural Disaster Operations Workgroup and the approved Unified Command Hurricane Harvey Vessel Mitigation and Removal protocols.**

- **Prioritize, monitor, mitigate and/or recover identified pollution targets.**
- **Assess DHS critical infrastructure and RMP/FRP facilities for damage and immediate/ongoing releases.**
- **Identify secure areas to process and temporarily store for subsequent recycling, disposal, or return to original owner displaced orphan containers, above ground storage tanks and hazardous waste.**
- **Identify and secure staging areas for displaced vessels.**

- **Optimize staffing and physical footprint commensurate to the size and scope of the incident.**
- **Maintain a common operating picture (COP).**
- **Identify and maximize protection of environmentally sensitive areas and threatened species.**
- **Manage a coordinated interagency response effort that reflects the composition of the Unified Command.**

- **Maintain an IMT that can meet the long-term challenges required for incident mitigation.**
- **Inform the public, stakeholders, and the media of response activities.**
- **Adhere to appropriate financial accounting practices.**
- **Establish a strong interagency partnership with public and private organizations to determine ownership and disposition of targets.**

4. Operational Period Command Emphasis. (Priorities, Key Discussions/Directions):

- "Get them back to normal"
- All field activities will be conducted using the NDOW Standard Operating Procedures, the approved Unified Command Hurricane Harvey Vessel Mitigation and Removal Protocol, NDOW tools, and Response Manager.
- Agencies will work in coordination under Unified Command
- Transition ESF-10 activities back to normal State of Texas operations.

5. General Situation Awareness (Safety bullets, Weather, etc…):

☒ **Approved Site Safety Plan Located at:** Safety Officers' desk

6. Prepared By: (PSC)		(Date/Time)	
Name:	Signature:	Date:	Time:
Maggie Waldon, EPA	M. Waldon	09/13/17	1923
CWO Pete Gollnick, USCG	CWO, USCG	09/13/17	1906

7. Approved By (Incident Commander(s)):		(Date/Time)	
Name:	Signature:	Date:	Time:
Gary Moore, EPA	for Gary Moore	09/13/17	1904
Chris Wiatrek, TCEQ		09/13/17	1812
Jimmy Martinez, TGLO		09/13/17	1802
CDR Tedd Hutley, US Coast Guard		09/13/17	2011

1. Incident Name	2. Operational Period (Date/Time)	Command Direction ICS 202A-CG
Hurricane Harvey – ESF 10 Texas	From: 09-14-17 @ 0700 To: 09-15-17 @ 0700	

3. Key Decisions and Procedures: (Ref IMH pg 4-1 to 4-2)

NAME OF INCIDENT: Hurricane Harvey ESF-10 Texas

OPERATIONAL PERIOD: 24hour operational period

FUNCTIONS: Safety, Oil Spill & Hazardous Substance Release and Threats, Environmental Protection, drinking water and waste water facility assessment.

ASSISTING & COOPERATING AGENCIES: EPA, TCEQ, TGLO, USCG, NOAA, CST, USFW, TPWD

ORGANIZATION: (Consider Shift Work)

- **AGENCY EXECUTIVE(S): FEMA JFO**
- **INCIDENT/UNIFIED COMMAND:** EPA is the lead agency for ESF-10 and USCG is Deputy to support state of TX in accordance with NRF. The ESF-10 Unified Command consists of TGLO, TCEQ, EPA, and USCG.
- **COMMAND STAFF:**
- PIO – EPA, assistants as necessary
- LOFR – EPA, USCG assistant
- SOFR – EPA, ASOFR – USCG
- NOAA-SSC
- Legal Officer – TBD
- **GENERAL STAFF**
- OSC – EPA with each participating UC agency as Deputy
- PSC – EPA, with each participating UC agency as Deputy
- LSC – EPA, with each participating UC agency as Deputy
- FSC – EPA, Deputy USCG (for MA mgnt), DPN

FACILITIES:

- ICP/ALPHA BRANCH LOCATION: 2001 Suntide Rd, Corpus Christi, Texas;
- BRAVO BRANCH LOCATION: 13411 Hillard St. Houston, Texas
- CHARLIE BRANCH LOCATION: 3100 Hwy 365, Port Arthur, TX
- JIC LOCATION: Full FEMA JIC TBD
- Airport: Naval Air Station Corpus Christi

Delegation of Authority:
All Section Chiefs are empowered to staff according to the needs of the response.

IMT Procedures/Function: The National Response Framework, ESF10 annex, the Area Contingency Plan, and Geographic Response Plans, and TGLO tool kit will be used, as appropriate, in planning operations.
All field activities will be conducted using the NDOW Standard Operating Procedures, the approved Unified Command Hurricane Harvey Vessel Mitigation and Removal Protocol, NDOW tools, and Response Manager
All responders will use USCG/EPA IMH and job aids as the IMT SOP. All IMT members shall review their section responsibilities.

UC Functionality:
Core hours of the UC will be from 0700 to 1900.
UC shall approve all media releases.
UC will approve visitation of VIPs to the response sites.
The UC members will work with their deputies to ensure someone is accessible 24 hours/day.

4. Priorities: (Reference IMH pg 4-2 to 4-3)

1. Life - Safety of Public and Responders
2. Drinking Water and Waste Water systems
3. Assessment, prioritization, mitigation, and monitoring of oil and hazardous substance targets throughout impacted area utilizing NDOW protocols
4. Environmental Protection
5. Information management and situational awareness
6. Unified and efficient government support to the state of Texas

5. Limitations and Constraints: (Ref IMH pg 4-3 to 4-4)

MANAGERIAL:
Working under large FEMA led disaster response organization.
Impacted area crosses 3 COTP zones; Delegation of FOSC authority completed.
Oil response funded under separate MA

POLITICAL ENVIRONMENT:
Media Coverage: There is likely to be high media interest.
Public Confidence/Perception
Potential for Adverse Economic/Environmental/Health and safety Impacts:
There has been a Large Scale Evacuation with numerous displaced citizens

FINANCIAL:
Funding Sources: EPA has been issued an $10.092 Million ESF10 mission assignment. EPA will manage the cost accounting for these funds.
USCG has been issued a $20 Million ESF10 mission assignment. USCG will manage the cost accounting for these funds.

LOGISTICAL:
Multiple resource ordering processes may impact operational efficiency.
Lodging availability is scarce.
Personnel must travel long distances to conduct response operations.
Each agency will use their own logistics processes.

OPERATIONAL/SAFETY/ENVIRONMENTAL:
Night operations on an as needed call-out basis.

RESOURCES: Limited Staffing Resources for adequate IMT.

GEOGRAPHY/TERRAIN: Impact of the event is widespread over a large geographic area. Impacts cross 3 Captain of the Port Zones and entire EPA Region.

PHYSICAL ENVIRONMENT: Heat stress must be considered during each and every operation.
Numerous health safety hazards.

6. Prepared by: (Planning Section Chief)	**Date/Time**
Maggie Waldon/CWO Pete Gollnick	09/13/2017 0800

1. Incident Name	2. Operational Period (Date/Time)	Critical Information Requirements ICS 202B
Hurricane Harvey – ESF 10 Texas	From: 09/14/2017 @ 0700 To: 09/15/2017 @ 0700	

3. Critical Information Requirements(CIRs): (ref IMH pg 4-9 to 4-10, and Chapter 12)
(CIRs are a comprehensive list of information requirements that the IC/UC has identified as critical to facilitate timely decision making. These CIRs should be tracked by the Planning Section/Situation Unit, and incorporated into the daily situation reports.)

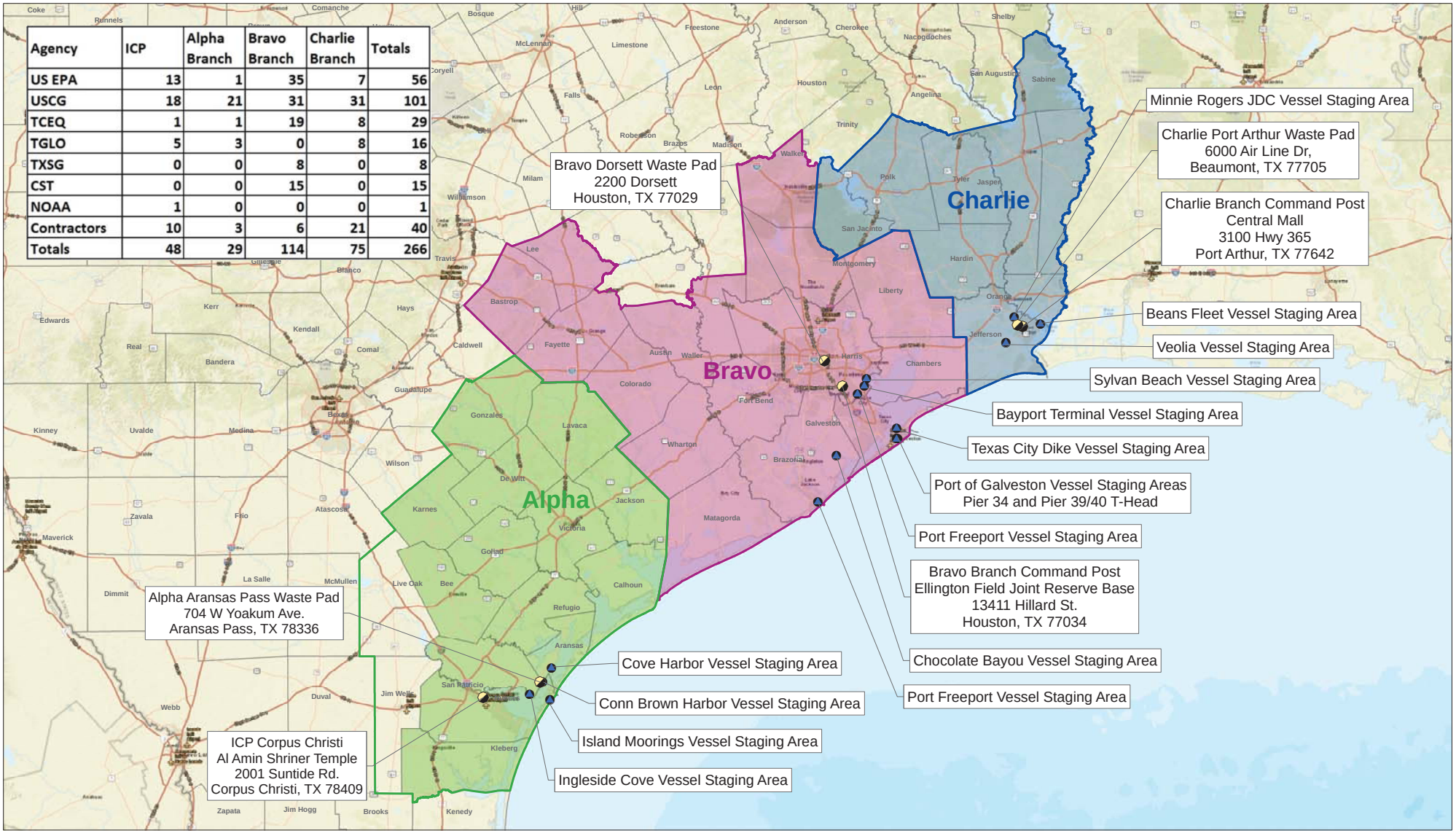
- **Accountability of personnel.**
- **Status of NDOW Targets.**
- **Environmental resources at risk as a result of the incident and response.**
- **Environmental Impact.**
- **Wildlife Impacts.**
- **Social media field observations or trends.**
- **Political interests or concerns and media interests and concerns.**
- **Completion of an Operational Objective.**
- **75% of MA Ceiling.**
- **Any Interagency issue or disagreement that cannot be solved at the Section Chief level.**
- **Agency Burn Rate**

IMMEDIATE REPORTING THRESHOLDS: (The following elements of information must be reported immediately to the IC/UC, and the Planning Section/Situation Unit for tracking/dissemination.)

- **Fatalities and/or injuries beyond first aid.**
- **Anytime Safety Officer shuts down operations.**
- **Significant change in media interests and concerns.**
- **Significant change in political interests and concerns.**
- **Failure of Incident Specific Critical Resource that impacts operations.**
- **Any new discovery of an active discharge must be immediately reported to the Operations Section Chief and shall be reported to the NRC.**
- **Any changes to planned operations.**
- **Request for VIP visits.**
- **Any ceiling increase of Mission Assignment.**

4. Prepared by: (Planning Section Chief)	Date/Time
Maggie Waldon/CWO Pete Gollnick	09/13/17 0800

Agency	ICP	Alpha Branch	Bravo Branch	Charlie Branch	Totals
US EPA	13	1	35	7	56
USCG	18	21	31	31	101
TCEQ	1	1	19	8	29
TGLO	5	3	0	8	16
TXSG	0	0	8	0	8
CST	0	0	15	0	15
NOAA	1	0	0	0	1
Contractors	10	3	6	21	40
Totals	48	29	114	75	266



Legend

Federally Declared Counties:

- in Alpha
- in Bravo
- in Charlie

Incident Command Post (ICP) /Staging Area

Vessel Staging Location

USA EPA REGION 6
Overview Map
Alpha, Bravo, Charlie
Hurricane Harvey Response

N W E S

0 25 50
Miles

For Official Use Only

EPA GIS
Printed: 6:39:35 PM 9/13/2017

FILE: C:\Users\binghamc\Documents\PROJECTS\Harvey_ER\SPATIAL\MXD\Harvey - EPA Region 6 IAP Overview Map.mxd 6:39:35 PM 9/13/2017 binghamc

Procedure for Uploading Photo and Video Files to the Hurricane Harvey Flickr Account

General Guidelines

As part of your response duties, you may be asked to take photos and/or videos to help capture EPA's response work. The EPA R6 Public Information Unit in Dallas is utilizing a Flickr account to compile response-related photos and videos for use in social media, web, and in publications. Ideally, photos and videos should capture EPA employees and contractors in the field, accomplishing EPA's assigned tasks, wearing their identifying clothing, and observing all appropriate safety protocols.

Remember: Every photo and video that you take while you are deployed is the property of EPA, whether it is taken on your EPA-issued device or your personal device. You must manage photos and videos as official records, which are subject to FOIA. Please consider whether taking photos during your deployment is relevant and appropriate to your work. Relevant and appropriate photos and videos include those that document EPA's work for the response, and showing EPA personnel in action, preferably while wearing their EPA-identifying clothing. Flickr can also accept short videos of less than three minutes.

You will not be able to view the photos on the Flickr site, as it is a private, password-protected site accessible by only a few EPA employees in public affairs.

PLEASE DO: Tag your photos with identifying information, including: date and place taken, names of people in the photo, and a brief description of what's happening in the photo.
PLEASE DON'T include photos from non-EPA sources (media outlets, Facebook/Twitter, state/local governments etc.).

Uploading photos from the field via e-mail

This is straightforward, maintains records and lets you add tags quickly to many photos.

1. Create a new e-mail to: **door18keep51drift@photos.flickr.com** **and CC R6HarveyInfo@epa.gov and R6HarveySitL@epa.gov.**
2. Attach the photo you'd like to upload to the e-mail.
3. Add a title in the Subject line. Your Subject line will be the title of the photo.
4. Add a description in the body of the email. A description should be a short sentence describing what's happening in the photo in more detail than the title.
5. Add tags in the body of the email. Tags will be how the photos are sorted and searchable. Begin the tags list with "Tags:" (see example below). Separate each tags with commas. If your tag is more than one word, group the words together with quotes (for example: "Corpus Christi", "Hurricane Harvey", FEMA, etc.) At a minimum, every photo should have at least the following information as tags: Date of the photo (as in 09/01/2017), State (TX, LA), Activity (for example, "water sampling", brownfields, equipment, meetings, Superfund site name, facility name, etc.), any other agencies involved (FEMA, TCEQ, LDEQ, TGLO, etc.).

Note: Every photo attached to the email will have the same title, description and tags. If you have photos requiring different information, send them in separate emails.

POST-HARVEY POLLUTION RESPONSE

Best Management Practices (BMPs) for the protection of sensitive Ecological & Cultural Resources

EFS-10 Environmental Unit (EU)

All operations shall be conducted with the overarching philosophy of "do no more harm than good". The following BMPs are provided for the protection of Federal & State protected species and other sensitive resources and reflect the "*Natural Disaster Orphan Container Recovery in Sensitive Coastal Habitats of Texas*" developed by the Natural Disaster Operational Workgroup. This document is meant as a quick reference guide for operations and not as a replacement for more comprehensive DNOW or state documents. **NOTE: In areas where threatened or endangered species or critical habitat exists, refer to the "*Environmental Unit Guidance on Threatened/Endangered Species*" and coordinate with the ESF-10 ICP for specific BMPs.**

Coordination & Assistance Contacts

Operations (USCG) ESF-10	415-720-4180
Operations (USEPA) ESF-10	816-718-4279
NOAA SSC/Environmental Unit	617-877-2806

For all Field Operations

Cultural Resource Protection:

- For any historic, cultural or native American issues please contact your State Historic Preservation Office (SHPO) as listed above or the SF-10 Environmental Unit Leader.
- Native American and historic-era artifacts (e.g. pot shards & arrowheads) must not be collected.
- When activity occurs within 250 meters of a sensitive cultural resource as indicated by EU, a qualified archaeologist or other qualified historic preservation professional must be present to monitor the work.
- Any activities being undertaken at, on, or near any known historic-era structure, site, vessel or other should first be reported to the SHPO representative identified above or contact the EUL for assistance.

Natural Resource Protection:

- Do not disturb wildlife or habitat (including foraging or nesting areas).
- Perform site visits & work from waterway, paved surfaces or existing roadways whenever possible to minimize impacts to sensitive habitats.
- Select vehicles and equipment which are least likely to disturb soils/sediments and keep loading to a minimum to reduce ground pressure (on unpaved surfaces).
- Sensitive, non-ecological sites (i.e. cultural, historical, pipelines, water control structures, etc.) must be avoided unless otherwise authorized. EU will identify sensitive sites in the vicinity of actionable targets, though all field personnel should take care when transiting to and from actionable targets.

- Avoid / minimize the release of contaminants from orphaned containers into critical habitat and other aquatic areas. Document (GPS, Photograph, Markings) orphaned containers and report to EU.
- Removal of orphan pollution containers from sensitive habitats may require specialized operations to minimize impacts. Such operations shall be closely coordinated with EU.

Wildlife Impacts:

- Watch for and avoid vehicle collisions with wildlife.
- Remove all personal & response trash or anything that would attract wildlife to work areas.
- Any fish or wildlife injured or killed during response activities, or discovery of these killed or injured resources during response operations, must be reported to the appropriate Wildlife Agency for proper determination and action.
- All oiled wildlife (dead or alive) should be reported immediately to the appropriate Wildlife Agency.
- Report any distressed or dead marine mammals or sea turtles to the stranding networks:

Documentation & Forms

Ref: NDOW "Natural Disaster Orphan Container Recovery in Sensitive Coastal Habitats of Texas"

Intrusive activity (other than an airboat)	*Texas Operations Check Sheet for Container Recovery in Sensitive Coastal Habitats* (NDOW Attachment E)
Impacts to fish and wildlife	*TPWD's Fish Kill and Injured/Oiled Wildlife Form* (NDOW Attachment G)
Operations in Sensitive Areas	*Documentation of Operations in Sensitive Coastal Habitats* (NDOW Attachment F)

For Specific Response Activities

Aerial Operations:

- Avoid hovering or landing aircraft in/near posted bird sites or areas with high bird concentrations.
- No flights below 500 feet over Wildlife Refuges, Management Areas, National Parks or 1,000 feet over bird rookeries.
- Removal by helicopter should be considered if the container is located in the middle of an expanse of marsh in which access will result in a high impact to the resource.

Open-water Operations (includes intertidal):

- Do not block major egress points in channels, rivers, passes, and bays during assessment and recovery operations.
- Access over or into areas containing oyster beds should be restricted to shallow draft boats or barges. Care should be taken to avoid prop washing.
- Water channels shall be used for navigation through the marshes. Under no circumstances shall vessels run over the top of or across the marsh grasses. Stopping or landing a vessel on top of the marshes is prohibited.
- All vessel approaches to the marshes shall be limited to grounding the bow of the vessel on the fringe of the marsh, avoiding landing directly on top of the marsh grasses as much as possible.
- Special Use Permits are required for conducting Air Boat operations in National Wildlife Refuges. Contact EU to ensure proper permits have been obtained.
- When operating motor vessels over sea grass, always employ vessels of appropriate size and draft to minimize impact to grasses, roots, and sediments and avoid any unnecessary disturbance.
- If using Air Boats, maintain a distance of 1,000 feet from high bird use areas to minimize disturbance.
- Monitor boom, lines & underwater equipment regularly to prevent fish/wildlife entanglement/entrapment.
- If a sea turtle or marine mammal is observed trapped or entangled in a boom, line, or anchoring systems, open the boom to free the animal and notify the Wildlife Branch & Environmental Unit.
- Watch for and avoid collisions with sea turtles and dolphins.

Land-based Operations (includes river levees and spoil banks):

- Minimize ground-disturbing activities to as small an area as feasible to complete the task.
- Avoid posted/marked or other high bird use areas and minimize activities in critical habitat areas for Endangered Species.

When working on/near sand beaches, do not disturb Piping Plovers or Red Knots (**if they flush, you are too close**). Report any stranded, injured or signs of sea turtle nesting locations to EU or Planning immediately.

<u>Marsh Operations</u> - Protect marsh vegetation & associated soils by doing the following:

- Maximize use of open water, dikes, existing roads and trails and stay away from undisturbed marsh.
- Avoid disturbing vegetation, marsh soils, or peat with foot traffic/boats/equipment.
- Access into marshes should be minimized to avoid disturbing the root systems that could lead to shoreline erosion, water quality degradation, and turbidity. Landings should be made outside of marshes or in areas of the least density.
- Vehicles with wide tracks, wide tires, or specially designed and temporary mats should be used to spread out the weight of equipment and reduce compression.
- Do not create unnatural ruts, channels, dikes or drainage routes and do not re-use previously made tracks. Multiple trips through the same area should be avoided. Plan ahead to reduce trips. Ruts will occur regardless of precautions taken, so be prepared to repair them. Air boats can be effective in smoothing ruts.
- Use care around bank and shoreline crossings at canals, natural water bodies and ditches.
- Travel corridors should be as narrow as possible with designed turn around area. Stay within designated access or travel lanes when present.
- Minimize removal of clean sediment, seaweed and natural debris. Replace removed materials, if practical.
- Use low-pressure tire vehicles (e.g. ATVs, Gators) when practical and consult with the EU to minimize impact
- Avoid posted/marked or other high bird use areas and minimize activities in critical habitat areas for Endangered Species.
- Activities that may require removal of forested and shrub or scrub habitat should be minimized.
- Any foot traffic access to the marshes shall avoid oiled grasses and sediments and utilize one-way-in and one-way-out traffic with walking boards in travel lanes and crosswalks on the marsh.
- All foot traffic in oiled marshes will be done on the walking boards, with no direct foot traffic in the marsh. Walking boards should not be placed in un-oiled marsh areas, and no foot traffic or other entry by response personnel or equipment should occur in these un-oiled areas unless approved by the Unified Command.
- If pollution target location is inaccessible or access with heavy equipment would result in unacceptable habitat damage relative to that posed by the pollution threat, then specialized operations may be needed to minimize impacts. Such operations shall be closely coordinated with Environmental Unit.
- Water channels shall be used for navigation through the marshes. Under no circumstances shall vessels run over the top of or across the marsh grasses. Stopping or landing a vessel on top of the marshes is prohibited.
- Equipment should be washed/cleaned after leaving each site to avoid the transfer of invasive species to the next location.

Hurricane Harvey ESF10 NRC Report Monitoring Protocol - USCG

Background

Hurricane Harvey made landfall at 2300 ET, August 25, 2017, as a Category 4 storm near Rockport, Texas. Harvey stalled over southeastern TX. Due to its slow motion and a prolonged period of onshore flow, the impacted areas received more than 50 inches of precipitation which subsequently led to catastrophic flooding.

An ESF-10 Mission Assignment was signed on August 28, 2017. The US Environmental Protection Agency (EPA), Texas Commission on the Environmental Quality (TCEQ), Texas General Land Office (TGLO) and the US Coast Guard (USCG) have entered into Unified Command to begin the evaluation, clean-up and recovery of spills, releases and orphan containers. On September 4th a separate ESF-10 Mission Assignment was issued to the USCG for the assessment and mitigation of oil and hazmat pollution threats on the navigable waters and adjoining shorelines. The USCG Mission Assignment was amended to have a start date of August 28, 2017.

On September 02, 2017, the USCG D8 Commander designated Captain Dailey as the Incident Specific Federal On-Scene Coordinator for the ESF10 pollution response for the state of Texas. As such, the FOSC is responsible for mitigation of environmental issues associated with pollution caused by Hurricane Harvey. It is recognized that reports of pollution related to Hurricane Harvey will be made to the National Response Center and distributed to the appropriate pre-designated FOSCs. In addition, it is recognized that reports of pollution unrelated to Hurricane Harvey will be made to the NRC and distributed to the appropriate pre-designated FOSC.

USCG Sector command centers are staffed 24/7 and receive, monitor and initiate immediate/appropriate actions. The ESF10 ICP is tasked with mitigating pollution as a result of Hurricane Harvey throughout the AORs of Sector Corpus Christi, Sector Houston/Galveston and MSU Port Arthur, each having a pre-designated FOSC. However, the ESF10 ICP does not maintain a 24/7 command center and does not receive NRC reports. It is paramount that the ESF10 ICP and the pre-designated FOSC in Corpus, Houston and Port Arthur maintain regular communication to ensure appropriate action is initiated on all NRC reports, whether hurricane related or not.

The following NRC report monitoring protocol has been established to:

- Ensure all NRC Pollution Reports relevant to USCG jurisdiction are appropriately acted upon and documented
- Ensure close coordination and information sharing between Sector IMD and ESF10 Branch operations to ensure appropriate and timely actions are initiated.

ESF10 NRC Report Monitoring Protocol

- NRC Reports will continue to be received by the Sector Command Centers and District Command Centers.
- Command Centers shall use their normal standard operating procedures and QRCs to make appropriate internal and/or external notifications

- Pollution NRC Reports shall be passed to Sector IMD per normal SOPs and policy
- Sector IMD shall initiate an appropriate pollution investigation and/or response under normal Sector SOPs and policy and initiate appropriate MISLE documentation.

- If/when the Sector IMD personnel discover that the pollution incident may be the result of Hurricane Harvey, Sector IMD personnel should initiate appropriate actions to secure the source in accordance with normal SOPs and policy then notify the ESF10 Branch Director to coordinate an appropriate follow on actions in accordance with ESF10 Unified Command approved plans and direction.

- If Hurricane Harvey related, ESF10 Branch will record the appropriate information in accordance with the NDOW protocol, create the NDOW pollution target in Response Manager Database, and take appropriate response actions in accordance with ESF10 Unified Command approved plans and direction. These actions will be funded by the DPN.

- If it is non-Hurricane related, Sector IMD will initiate/coordinate an appropriate investigation and response per standard USCG operating procedures and policies. These actions will be funded (if needed) by a CPN or FPN opened under the authority of the FOSC.

- Sector IMD and ESF10 Branch Director shall maintain regular communication to ensure NO pollution reports fall through the cracks. At no time should Sector IMD and/or ESF10 Branch assume that the other is taking action on an NRC Pollution Report.

/S/ CDR Hutley
ESF10 Incident Commander
Incident Specific FOSCR

Subject: Harvey ESF-10 US Coast Guard Documentation Guidance

Background: On August 28, 2017 the Federal Emergency Management Agency (FEMA) issued the ESF-10 Mission Assignment to the Environmental Protection Agency (EPA). The US Coast Guard was brought in for technical expertise and identified as a member of the Unified Command. Additionally, the Coast Guard was given a Mission Assignment under the same Emergency Support Function to remove pollution threats from the waterway. Though the EPA is responsible for the big picture of this Emergency Support Function, the Coast Guard has a responsibility under the Mission Assignment to provide documentation to the EPA via Response Manager and provide cost documentation to the National Pollution Funds Center for vessel removal under Mission Assignment 1509-237911.

Field Documentation:

As long as the information being generated in the field is being entered into Response Manager via NDOW, the need for paper ICS-214 forms is still necessary for all removal activity. The ICS-214 forms will be submitted with the Cost Doc package generated out of each Branch in accordance with Hurricane Harvey ESF-10 Environmental Threat Removal Guide. ICS forms should be scanned and emailed to Harveyesf10@uscg.mil.

Required documentation for ESF-10 records:

Response Manager is being utilized to store data submitted by the field for the ESF-10 mission. The data, as submitted, satisfies the Coast Guard document retention requirement from the field. The following information will be collected and maintained at the ESF-10 Incident Command Post.

- Incident Action Plans
- Situation Reports
- Unified Command Plans
- Executive Summaries

Cost Documentation:

Cost documentation for vessel removal will be collected by the Finance Section. Ultimate disposition of the original cost documentation will be at the National Pollution Funds Center (NPFC) in accordance with the agreed upon command direction for tracking vessel removal cost. Prior to sending the cost documentation package to NPFC, Documentation at the ESF-10 ICP will scan each package.

HH2017COM
APPROVED Talking Points
09/13/17

DO: TALK ABOUT YOUR WORK AND WHAT YOU ARE DOING; AVOID NO COMMENT

DON'T: TALK ABOUT OTHERS' WORK OR SPECULATE

- EPA has an organized emergency response program and is supporting FEMA, state, local and tribal partners.
- Safety is EPA's top priority
- EPA responders are fully integrated in a UNIFIED COMMAND with Texas Commission on Environmental Quality and Texas General Land Office, US Coast Guard
- Flood water is contaminated. Contact should be avoided.
- EPA is supporting the response effort in several ways:
    - Drinking water and waste water staff will offer technical assistance as necessary to restore services. Teams will visit or contact facilities if needed.
    - Superfund site managers worked to secure sites before the storm. Teams are continuing to assess site conditions and determine additional actions as necessary.
    - EPA is working with state partners to assist in contacting industrial facilities, determine status and plans to resume operations
    - EPA TAGA vehicle and ASPECT plane have been deployed to monitor developing environmental impacts
- Response teams will continue to evaluate affected areas and determine necessary actions as appropriate

Instructions for Field Personnel:

For Media Inquiries Contact R6HarveyPIO@epa.gov

1. Incident Name:	2. Operational Period: (Date / Time)	"Safety Message"
Hurricane Harvey – ESF 10 Texas	From: 09-14-17 @ 0700 To: 09-15-17 @ 0700	

Major Hazards and Risks:

Driving	Electrical Hazards	Biological Hazards	Slips, Trips, and Falls
Thermal Stresses	Hazardous Materials	Insects	Fire/Explosions
Fatigue	Drowning	Wild & Stray Animals	Structural Integrity

Personal Hygiene – Minimize contact with contamination. Ensure that you wash with soap and clean water if you have any accidental contact. Wash your hands before and after eating and using the toilet.

Poison Control Number: 1-800-222-1222. Do not wait for the victim to look or feel sick.

Mosquitos – Mosquitos carry the West Nile Virus; use insect repellant.

Defensive Driving – Be vigilant at intersections and in heavy traffic. Check for inclement weather when driving out in the field and insure that you inspect your vehicles. Watch for standing water during downpours and slow down to prevent hydroplaning. Make sure you have gas!

Don't Forget To Drink Water! -. When the heat index is around 100 F drink 1 cup of water every 15-20 minutes. During prolonged sweating lasting several hours, drink sports drinks containing balanced electrolytes. Use sunscreen and take a break in the shade.
Signs and symptoms of heat exhaustion – cool, moist skin; heavy sweating; headache; nausea or vomiting, dizziness; light-headedness; weakness, thirst; irritability; elevated body temperature; decreased urine output.
Signs and symptoms of heat Stroke – confusion, slurred speech; loss of consciousness; red hot, dry skin or profuse sweating, very high body temperature, seizures.

Who To Call! Address any Safety concerns to:

- UC - David Eppler 214-733-4676.
- Alpha Branch - Edward Primeau, 609-351-7148.
- Bravo Branch – Justin Sawyer, 904-755-4860; George Brozowski 214-755-1530.
- Charlie Branch – Scott Binko, 216-903-6277, Greg Halter 910-616-4782.

Boating Safety – Complete the Float Plan. Observe boating safety requirements and enforce PFD wear for all occupants of vessels and during shoreline/dock ops. Ensure the boat trailer is road worthy and complete all vessel checks before leaving the boat launch/marina. Expect safety brief from the boat captain prior to launch and follow their instructions.

When Thunder Roars, Go Indoors. Take shelter when you hear thunder or when lightning is reported within five miles of the work site. Stay sheltered for at least 30 minutes after the last sound of thunder.

Debris Management - The soil in many places don't look hard as it should be, causing trucks to become stuck. Team members should help the driver out in backing up on narrow roads.

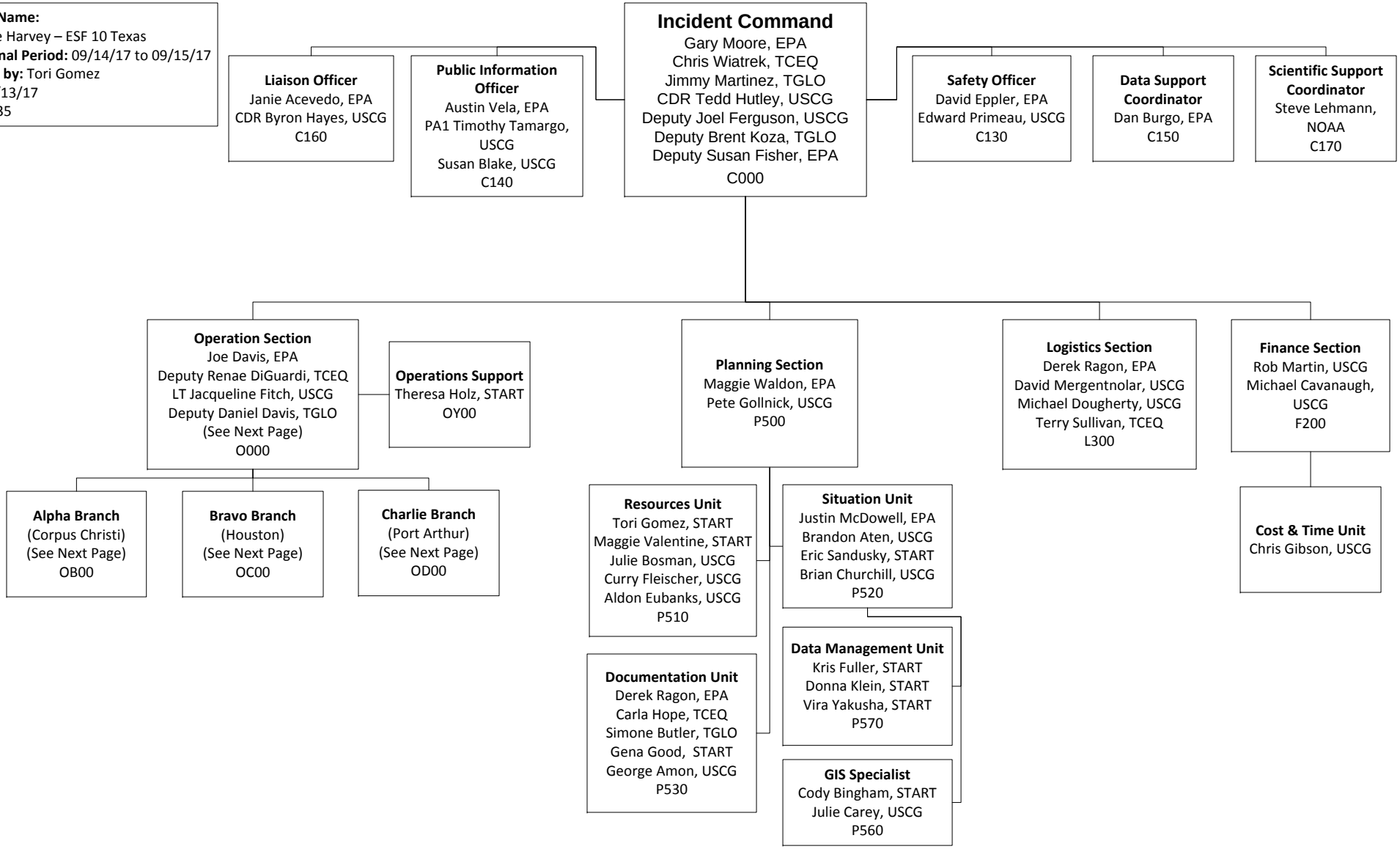
Purple Posts - There is a law in Texas – Purple Paint Law (this is not a joke) – those going outside of the city limits may find property with painted posts/trees in purple paint. This is the same as "No Trespassing".
.

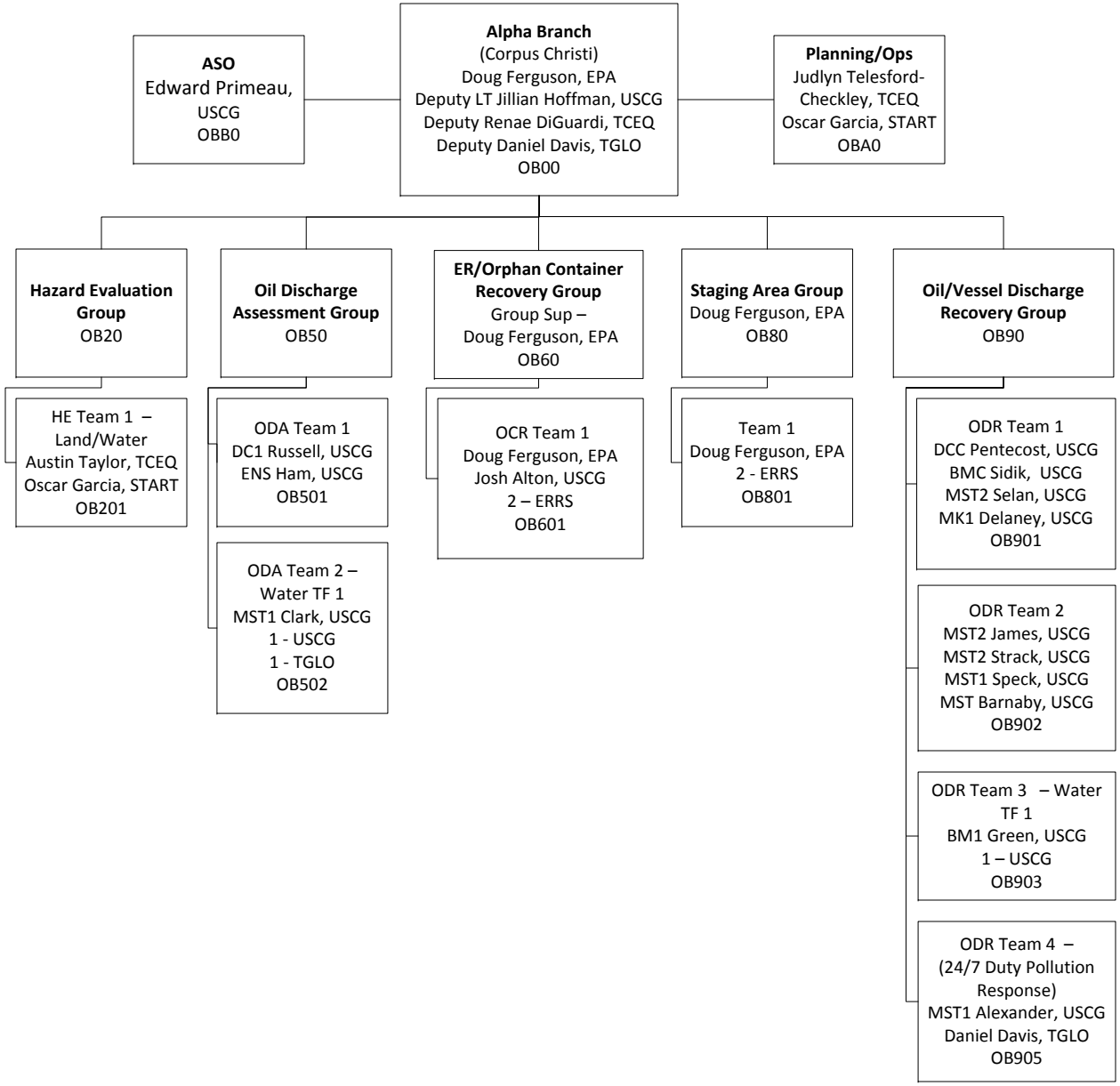
BE SAFE – BE EFFECTIVE – BE POSITIVE

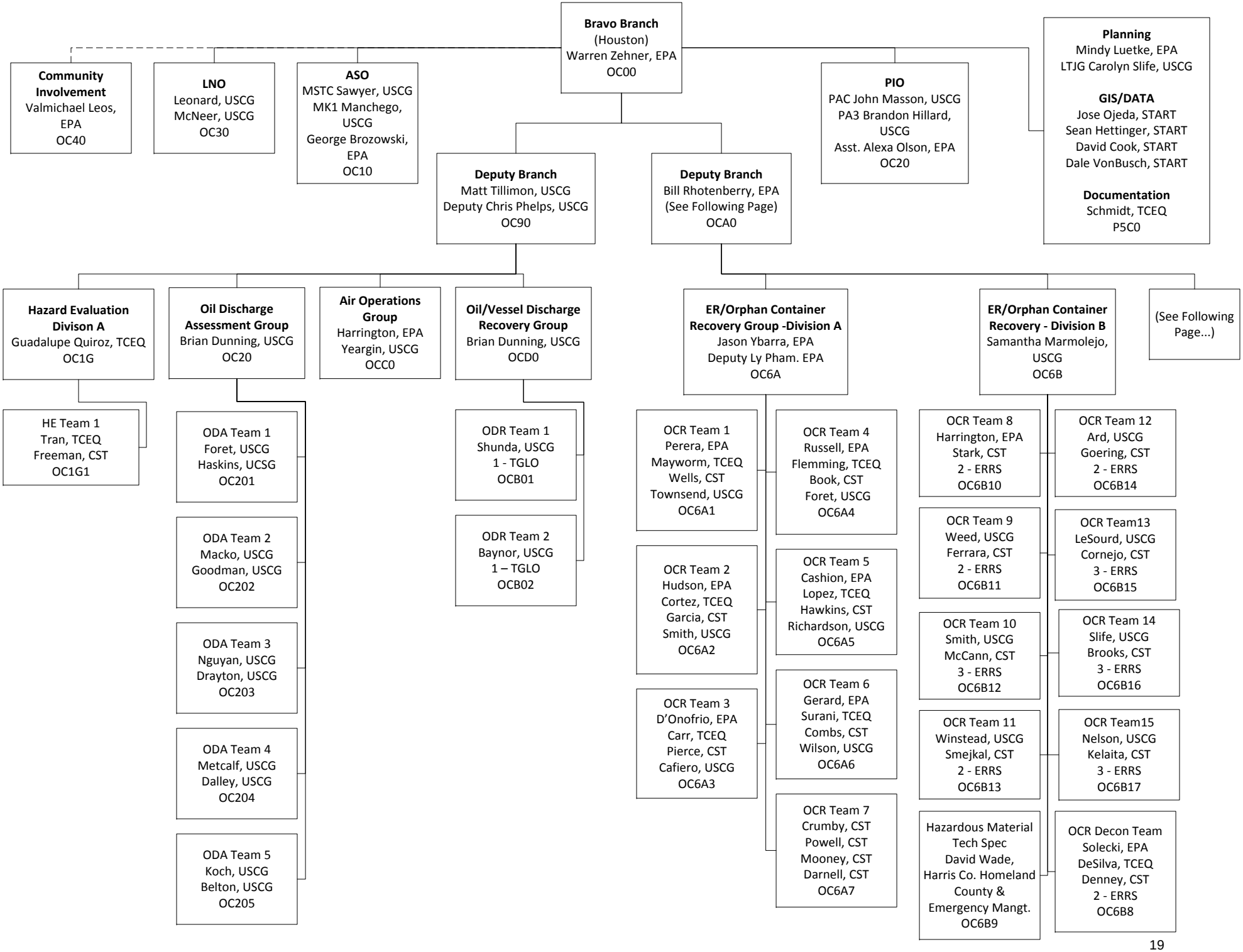
Get Texas back to normal!

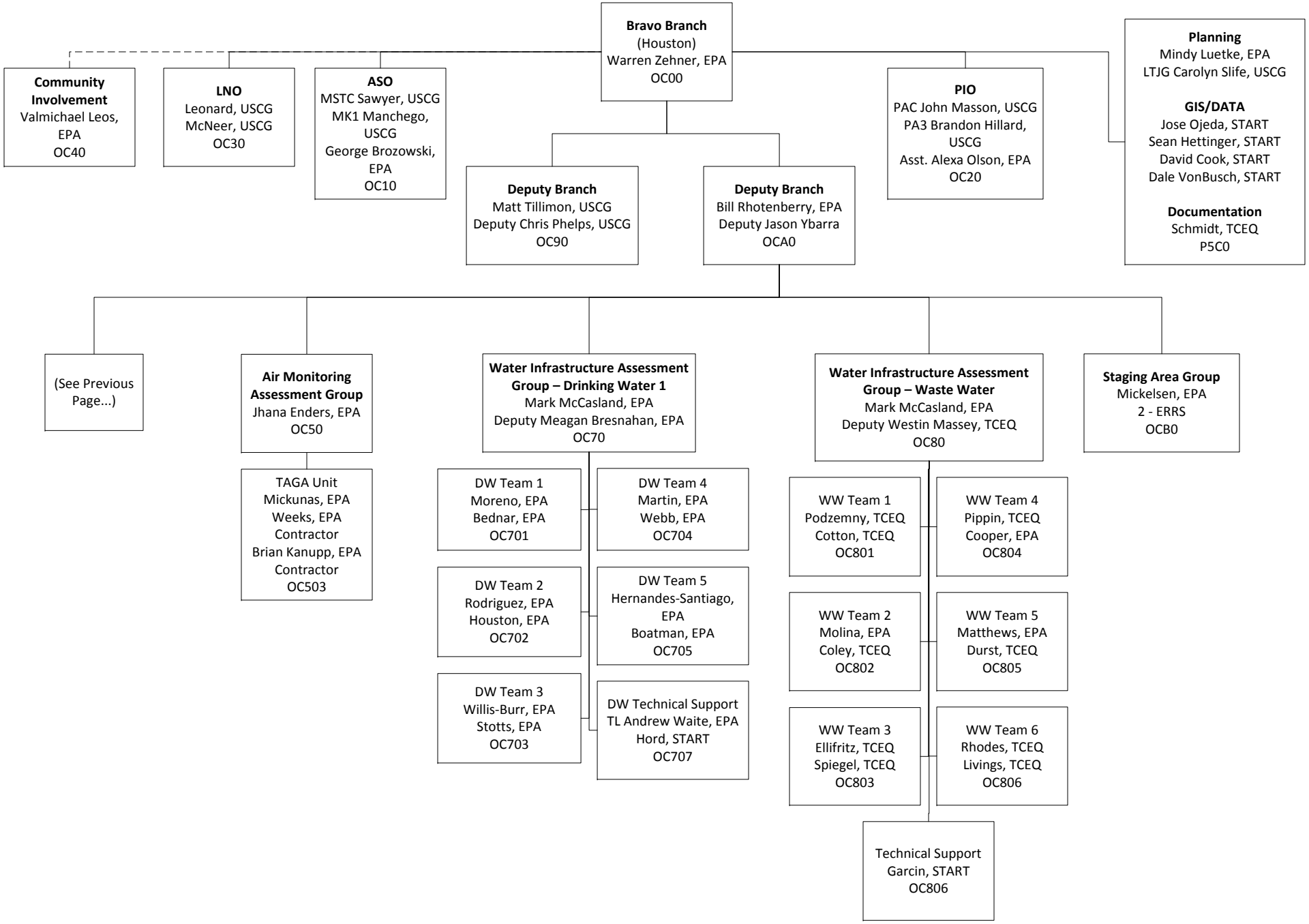
Loyalty
Purity
Bravery

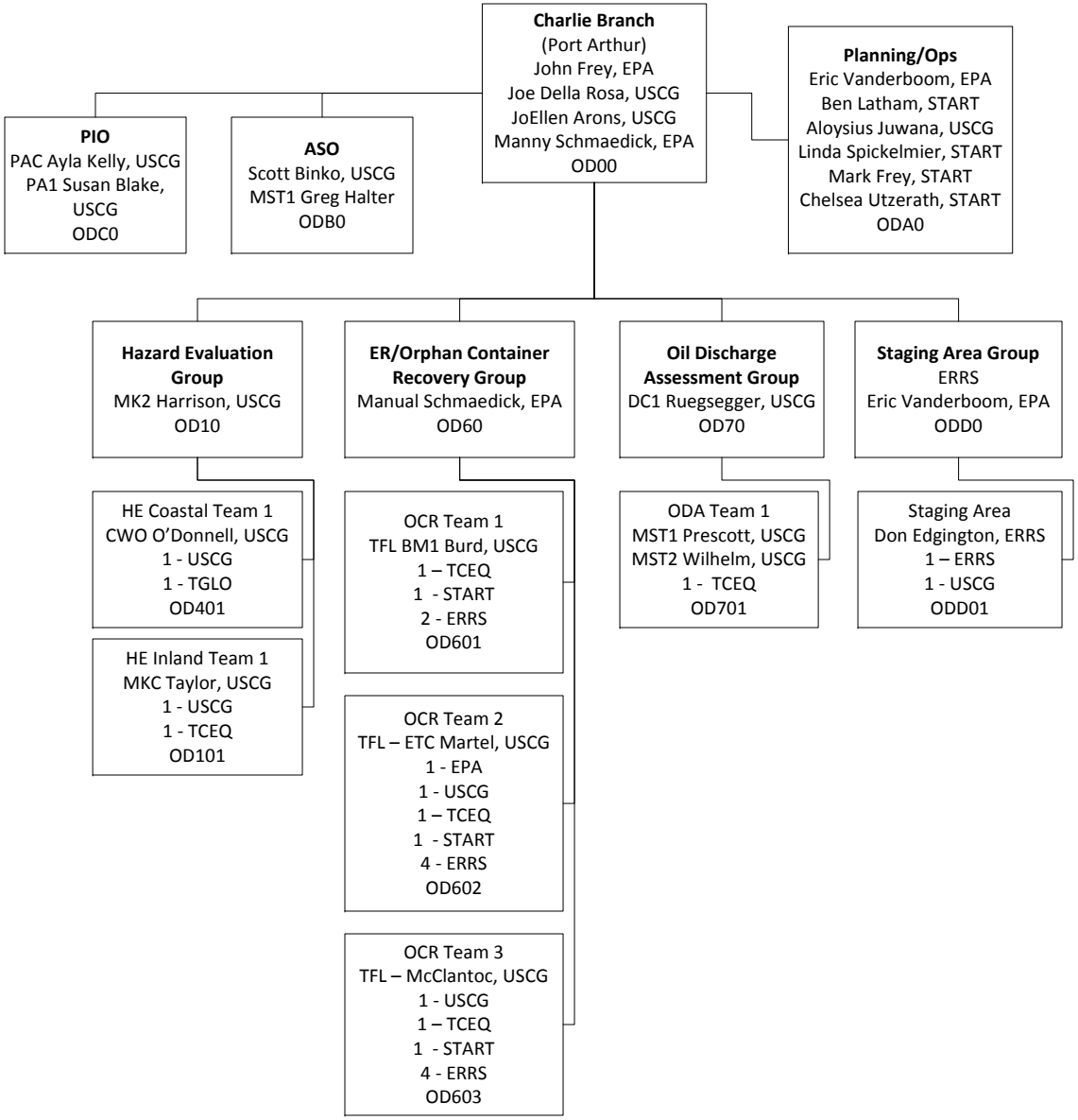
Incident Name:
Hurricane Harvey – ESF 10 Texas
Operational Period: 09/14/17 to 09/15/17
Prepared by: Tori Gomez
Date: 09/13/17
Time: 1735




ASO
Edward Primeau, USCG
OBB0
Alpha Branch
(Corpus Christi)
Doug Ferguson, EPA
Deputy LT Jillian Hoffman, USCG
Deputy Renae DiGuardi, TCEQ
Deputy Daniel Davis, TGLO
OB00
Planning/Ops
Judlyn Telesford-Checkley, TCEQ
Oscar Garcia, START
OBA0
Hazard Evaluation Group
OB20
Oil Discharge Assessment Group
OB50
ER/Orphan Container Recovery Group
Group Sup – Doug Ferguson, EPA
OB60
Staging Area Group
Doug Ferguson, EPA
OB80
Oil/Vessel Discharge Recovery Group
OB90
HE Team 1 – Land/Water
Austin Taylor, TCEQ
Oscar Garcia, START
OB201
ODA Team 1
DC1 Russell, USCG
ENS Ham, USCG
OB501
ODA Team 2 – Water TF 1
MST1 Clark, USCG
1 - USCG
1 - TGLO
OB502
OCR Team 1
Doug Ferguson, EPA
Josh Alton, USCG
2 – ERRS
OB601
Team 1
Doug Ferguson, EPA
2 - ERRS
OB801
ODR Team 1
DCC Pentecost, USCG
BMC Sidik, USCG
MST2 Selan, USCG
MK1 Delaney, USCG
OB901
ODR Team 2
MST2 James, USCG
MST2 Strack, USCG
MST1 Speck, USCG
MST Barnaby, USCG
OB902
ODR Team 3 – Water TF 1
BM1 Green, USCG
1 – USCG
OB903
ODR Team 4 – (24/7 Duty Pollution Response)
MST1 Alexander, USCG
Daniel Davis, TGLO
OB905


Bravo Branch
(Houston)
Warren Zehner, EPA
OC00
Community Involvement
Valmichael Leos, EPA
OC40
LNO
Leonard, USCG
McNeer, USCG
OC30
ASO
MSTC Sawyer, USCG
MK1 Manchego, USCG
George Brozowski, EPA
OC10
Deputy Branch
Matt Tillimon, USCG
Deputy Chris Phelps, USCG
OC90
Deputy Branch
Bill Rhotenberry, EPA
(See Following Page)
OCA0
PIO
PAC John Masson, USCG
PA3 Brandon Hillard, USCG
Asst. Alexa Olson, EPA
OC20
Planning
Mindy Luetke, EPA
LTJG Carolyn Slife, USCG
GIS/DATA
Jose Ojeda, START
Sean Hettinger, START
David Cook, START
Dale VonBusch, START
Documentation
Schmidt, TCEQ
P5C0
Hazard Evaluation Divison A
Guadalupe Quiroz, TCEQ
OC1G
HE Team 1
Tran, TCEQ
Freeman, CST
OC1G1
Oil Discharge Assessment Group
Brian Dunning, USCG
OC20
ODA Team 1
Foret, USCG
Haskins, UCSG
OC201
ODA Team 2
Macko, USCG
Goodman, USCG
OC202
ODA Team 3
Nguyan, USCG
Drayton, USCG
OC203
ODA Team 4
Metcalf, USCG
Dalley, USCG
OC204
ODA Team 5
Koch, USCG
Belton, USCG
OC205
Air Operations Group
Harrington, EPA
Yeargin, USCG
OCC0
Oil/Vessel Discharge Recovery Group
Brian Dunning, USCG
OCD0
ODR Team 1
Shunda, USCG
1 - TGLO
OCB01
ODR Team 2
Baynor, USCG
1 – TGLO
OCB02
ER/Orphan Container Recovery Group -Division A
Jason Ybarra, EPA
Deputy Ly Pham. EPA
OC6A
OCR Team 1
Perera, EPA
Mayworm, TCEQ
Wells, CST
Townsend, USCG
OC6A1
OCR Team 2
Hudson, EPA
Cortez, TCEQ
Garcia, CST
Smith, USCG
OC6A2
OCR Team 3
D'Onofrio, EPA
Carr, TCEQ
Pierce, CST
Cafiero, USCG
OC6A3
OCR Team 4
Russell, EPA
Flemming, TCEQ
Book, CST
Foret, USCG
OC6A4
OCR Team 5
Cashion, EPA
Lopez, TCEQ
Hawkins, CST
Richardson, USCG
OC6A5
OCR Team 6
Gerard, EPA
Surani, TCEQ
Combs, CST
Wilson, USCG
OC6A6
OCR Team 7
Crumby, CST
Powell, CST
Mooney, CST
Darnell, CST
OC6A7
ER/Orphan Container Recovery - Division B
Samantha Marmolejo, USCG
OC6B
(See Following Page...)
OCR Team 8
Harrington, EPA
Stark, CST
2 - ERRS
OC6B10
OCR Team 9
Weed, USCG
Ferrara, CST
2 - ERRS
OC6B11
OCR Team 10
Smith, USCG
McCann, CST
3 - ERRS
OC6B12
OCR Team 11
Winstead, USCG
Smejkal, CST
2 - ERRS
OC6B13
Hazardous Material Tech Spec
David Wade,
Harris Co. Homeland County &
Emergency Mangt.
OC6B9
OCR Team 12
Ard, USCG
Goering, CST
2 - ERRS
OC6B14
OCR Team13
LeSourd, USCG
Cornejo, CST
3 - ERRS
OC6B15
OCR Team 14
Slife, USCG
Brooks, CST
3 - ERRS
OC6B16
OCR Team15
Nelson, USCG
Kelaita, CST
3 - ERRS
OC6B17
OCR Decon Team
Solecki, EPA
DeSilva, TCEQ
Denney, CST
2 - ERRS
OC6B8


Bravo Branch
(Houston)
Warren Zehner, EPA
OC00
Community Involvement
Valmichael Leos, EPA
OC40
LNO
Leonard, USCG
McNeer, USCG
OC30
ASO
MSTC Sawyer, USCG
MK1 Manchego, USCG
George Brozowski, EPA
OC10
Deputy Branch
Matt Tillimon, USCG
Deputy Chris Phelps, USCG
OC90
Deputy Branch
Bill Rhotenberry, EPA
Deputy Jason Ybarra
OCA0
PIO
PAC John Masson, USCG
PA3 Brandon Hillard, USCG
Asst. Alexa Olson, EPA
OC20
Planning
Mindy Luetke, EPA
LTJG Carolyn Slife, USCG
GIS/DATA
Jose Ojeda, START
Sean Hettinger, START
David Cook, START
Dale VonBusch, START
Documentation
Schmidt, TCEQ
P5C0
(See Previous Page...)
Air Monitoring Assessment Group
Jhana Enders, EPA
OC50
TAGA Unit
Mickunas, EPA
Weeks, EPA
Contractor
Brian Kanupp, EPA
Contractor
OC503
Water Infrastructure Assessment Group – Drinking Water 1
Mark McCasland, EPA
Deputy Meagan Bresnahan, EPA
OC70
DW Team 1
Moreno, EPA
Bednar, EPA
OC701
DW Team 2
Rodriguez, EPA
Houston, EPA
OC702
DW Team 3
Willis-Burr, EPA
Stotts, EPA
OC703
DW Team 4
Martin, EPA
Webb, EPA
OC704
DW Team 5
Hernandes-Santiago, EPA
Boatman, EPA
OC705
DW Technical Support
TL Andrew Waite, EPA
Hord, START
OC707
Water Infrastructure Assessment Group – Waste Water
Mark McCasland, EPA
Deputy Westin Massey, TCEQ
OC80
WW Team 1
Podzemny, TCEQ
Cotton, TCEQ
OC801
WW Team 2
Molina, EPA
Coley, TCEQ
OC802
WW Team 3
Ellifritz, TCEQ
Spiegel, TCEQ
OC803
WW Team 4
Pippin, TCEQ
Cooper, EPA
OC804
WW Team 5
Matthews, EPA
Durst, TCEQ
OC805
WW Team 6
Rhodes, TCEQ
Livings, TCEQ
OC806
Technical Support
Garcin, START
OC806
Staging Area Group
Mickelsen, EPA
2 - ERRS
OCB0


Charlie Branch
(Port Arthur)
John Frey, EPA
Joe Della Rosa, USCG
JoEllen Arons, USCG
Manny Schmaedick, EPA
OD00
PIO
PAC Ayla Kelly, USCG
PA1 Susan Blake, USCG
ODC0
ASO
Scott Binko, USCG
MST1 Greg Halter
ODB0
Planning/Ops
Eric Vanderboom, EPA
Ben Latham, START
Aloysius Juwana, USCG
Linda Spickelmier, START
Mark Frey, START
Chelsea Utzerath, START
ODA0
Hazard Evaluation Group
MK2 Harrison, USCG
OD10
ER/Orphan Container Recovery Group
Manual Schmaedick, EPA
OD60
Oil Discharge Assessment Group
DC1 Ruegsegger, USCG
OD70
Staging Area Group
ERRS
Eric Vanderboom, EPA
ODD0
HE Coastal Team 1
CWO O'Donnell, USCG
1 - USCG
1 - TGLO
OD401
HE Inland Team 1
MKC Taylor, USCG
1 - USCG
1 - TCEQ
OD101
OCR Team 1
TFL BM1 Burd, USCG
1 – TCEQ
1 - START
2 - ERRS
OD601
OCR Team 2
TFL – ETC Martel, USCG
1 - EPA
1 - USCG
1 – TCEQ
1 - START
4 - ERRS
OD602
OCR Team 3
TFL – McClantoc, USCG
1 - USCG
1 – TCEQ
1 - START
4 - ERRS
OD603
ODA Team 1
MST1 Prescott, USCG
MST2 Wilhelm, USCG
1 - TCEQ
OD701
Staging Area
Don Edgington, ERRS
1 – ERRS
1 - USCG
ODD01

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/14/17@ 0700 To: 09/15/17@ 0700	

3. Branch:	4. Division/Group/Staging:
ALPHA	Oil Discharge Assessment Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Chief:	DOUG FERGUSON DEPUTY JILLIAN HOFFMAN DEPUTY DANIEL DAVIS DEPUTY RENAE DIGUARDI	EPA USCG TGLO TCEQ	913-669-5482 251-533-8438 361-438-4916 361-537-7917

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
ODA 1	DC1 RUSSELL	206-403-8483	2	Hourly	☐
ODA 2-Water TF 1	MST1 CLARK	336-406-4165	3	Hourly	☐
					☐
					☐

7. Work Assignments:

ODA 1 – Monitor salvage operations of SIGNET ENTERPRISE at Aransas Pass, and assess pollution reports as notified.
Team 1 – DC1 Russell and ENS Ham

ODA 2 - Monitor salvage operations at SABINE PASS and assess pollution reports as notified.
Team 1 – MST1 Clark, 1 TGLO, 1 USCG Sector

ALL TEAMS - Conduct hazard evaluation and damage assessment, collect information on ALL damaged and sunken vessels, and populate the NDOW response software. Conduct Oil Discharge assessments. Prioritize and conduct assessments of targets. Utilize the NDOW SOP and document targets utilizing Response Manager via a Laptop/PDA/Hazard Evaluation Field Data Sheet. All teams must download/sync assessment information daily and complete a 214B to document team field activities.

8. Special Instructions:

Complete all equipment checks prior to departure. Drive defensively. When the heat index is around 100 F drink 1 cup of water every 15-20 minutes. Generally, fluid intake should not exceed 6 cups per hour. During prolonged sweating lasting several hours, drink sports drinks containing balanced electrolytes. **Signs and symptoms of heat exhaustion –** cool, moist skin; heavy sweating; headache; nausea or vomiting, dizziness; light-headedness; weakness, thirst; irritability; elevated body temperature; decreased urine output. Call 911 or the local law enforcement for animal control issues and if you find any weapons. Address any Safety concerns to Edward Primeau, 609-351-7148. **Critical Information Reporting (CIR)** All teams shall immediately report any active discharge and/or release to the National Response Center, 1-800-832-8224, and Operations Branch Chief.
SITREP: Contact SITL prior to 1200 and 1600 at 361-236-2510

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager

Emergency Communications: 911 / SO Ed Primeau, USCG 609-351-7148 / OPS CHIEF: 816-718-4279 / SITL 361-236-2510

10. Prepared by:	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
MK1 Charles Smith	9/13/17 1700	Maggie Waldon CWO Pete Gollnick	9/13/17 9/13/17	Joe Davis	9/13/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/14/17@ 0700 To: 09/15/17@ 0700	

3. Branch:	4. Division/Group/Staging:
ALPHA	Oil/Vessel Discharge Recovery Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Chief:	DOUG FERGUSON DEPUTY JILLIAN HOFFMAN DEPUTY DANIEL DAVIS DEPUTY RENAE DIGUARDI	EPA USCG TGLO TCEQ	913-669-5482 251-533-8438 361-438-4916 361-537-7917

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
ODR 1	DCC PENTECOST	904-738-4785	4	Hourly	☐
ODR 2	MST2 JAMES	252-339-6667	4	Hourly	☐
ODR 3 – Water TF1	BM1 GREEN	251-259-8903	2	Hourly	☐
ODR 4 (24/7 Duty Pollution Response)	MST1 ALEXANDER-CG DANIEL DAVIS-TGLO	361-533-7166 361-438-0379	2	Report to Sector CC as required or appropriate command	☐
					☐

7. Work Assignments:

ODR 1 - Coordinate and monitor Responsible Party led operations in areas 3, 5 and 6. Also include area familiarization for new personnel. Prioritize threats to the environment for removal. Team 1 – DCC Pentecost, BMC Sidik, MST2 Selan, MK1 Delaney
ODR 2 - Coordinate and monitor Responsible Party led operations in areas 1 and 2. Also include area familiarization for new personnel. Prioritize threats to the environment for removal. Team 2 – MST2 James, MST2 Strack, MST1 Speck, MST Barnaby.
ODR 3 - Coordinate and monitor Responsible Party led operations and prioritize threats via boat in TGLO high priority areas.
ODR 4 - Respond to any reports of active pollution discharges, NRC Reports or CHEMTEL Reports as appropriate and initiate actions to recover the pollution. Notify Branch Director (BOSN Smith-251-644-1785) of any discharges after hours.

ALL TEAMS – Update targets and populate undocumented targets. Utilize the NDOW SOP and document targets utilizing Response Manager via a Laptop/PDA/Hazard Evaluation Field Data Sheet. All teams must download/sync assessment information daily and complete a 214B to document team field activities.

8. Special Instructions:

Complete all equipment checks prior to departure. Drive defensively. When the heat index is around 100 F drink 1 cup of water every 15-20 minutes. Generally, fluid intake should not exceed 6 cups per hour. During prolonged sweating lasting several hours, drink sports drinks containing balanced electrolytes. **Signs and symptoms of heat exhaustion –** cool, moist skin; heavy sweating; headache; nausea or vomiting, dizziness; light-headedness; weakness, thirst; irritability; elevated body temperature; decreased urine output. Call 911 or the local law enforcement for all animal control issues and if you find any weapons. Address any Safety concerns to Edward Primeau, 609-351-7148. **Critical Information Reporting (CIR)** All teams shall immediately report any active discharge and/or release to the National Response Center, 1-800-832-8224, and Operations Branch Chief.
SITREP: Contact SITL prior to 1200 and 1600 at 361-236-2510

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager

Emergency Communications: 911 / SO Ed Primeau, USCG 609-351-7148 / OPS CHIEF: 816-718-4279 / SITL 361-236-2510

10. Prepared by: (Date/Time)	11. Reviewed by: (PSC) (Date/Time)	12. Reviewed by: (OPS) (Date/Time)
MK1 Charles Smith 9/13/17 1700	Maggie Waldon 9/13/17 CWO Pete Gollnick 9/13/17	Joe Davis 9/13/17

1. Incident Name:	2. Operational Period: (Date / Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09-14-17 @ 0700 To: 09-15-17 @ 0700	

3. Branch:	4. Division/Group/Staging:
ALPHA	ER/Orphan Container Recovery Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Chief:	DOUG FERGUSON DEPUTY JILLIAN HOFFMAN DEPUTY DANIEL DAVS DEPUTY RENAE DIGUARDI	EPA USCG TGLO TCEQ	913-669-5482 251-533-8438 361-438-4916 361-537-7917

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
OCR Team 1	Doug Ferguson – EPA Josh Alton - USCG 2-ERRS	913-669-5482 503-939-3816	4	Meet at ICP – recover orphan containers as needed	☐
					☐
					☐

7. Work Assignments:

Conduct Orphan Container Recovery as needed. Containers pre-existing the disaster that are in their obvious place of origin and have not been displaced during the disaster should not be recovered unless they are leaking as a result of the disaster. Physically recover all orphan containers identified. Utilize the NDOW Orphan Container Hazard Evaluation SOP and document targets utilizing Response Manager via a Laptop/IPAD/Hazard Evaluation Field Data Sheet. All teams must download/sync assessment information daily and complete a 214B to document team field activities.

8. Special Instructions:

Complete equipment checks prior to departure. When the heat index is around 100 F drink 1 cup of water every 15-20 minutes. Generally, fluid intake should not exceed 6 cups per hour. During prolonged sweating lasting several hours, drink sports drinks containing balanced electrolytes. **Signs and symptoms of heat exhaustion –** cool, moist skin; heavy sweating; headache; nausea or vomiting, dizziness; light-headedness; weakness, thirst; irritability; elevated body temperature; decreased urine output. Call 911 or the local law enforcement for animal control issues and if you find any weapons. Drive defensively. Address any Safety concerns to Edward Primeau, 609-351-7148.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager

Emergency Communications: 911 / SO Ed Primeau, USCG 609-351-7148 / OPS CHIEF: 816-718-4279 / SITL 361-236-2510

10. Prepared by: (RESL)	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
Tori Gomez	9/13/17 1600	Maggie Waldon CWO Pete Gollnick	9/13/17 9/13/17	Joe Davis	9/13/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09-14-17 @ 0700 To: 09-15-17 @ 0700	

3. Branch:	4. Division/Group/Staging:
ALPHA	Hazard Evaluation Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Chief:	DOUG FERGUSON DEPUTY JILLIAN HOFFMAN DEPUTY DANIEL DAVS DEPUTY RENAE DIGUARDI	EPA USCG TGLO TCEQ	913-669-5482 251-533-8438 361-438-4916 361-537-7917

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
HE Team 1	Austin Taylor - TCEQ Oscar Garcia - START	361-537-7919	2	Land and/or Water as needed	☐
					☐
					☐
					☐
					☐

7. Work Assignments:

Conduct Orphan Container/facility Hazard Evaluation in the Alpha Branch geographical area. Prioritize Rapid Needs Assessment Targets and conduct evaluation of the targets. Utilize the NDOW Orphan Container Hazard Evaluation SOP and document targets utilizing Response Manager via a Laptop/IPAD/Hazard Evaluation Field Data Sheet & Orphan Container Photo Placard. All teams must download/sync assessment information daily and complete a 214B to document team field activities.
As needed for follow ups as eval teams have covered Alpha Branch geographic area.

8. Special Instructions:

Conduct equipment checks prior to departure. When the heat index is around 100 F drink 1 cup of water every 15-20 minutes. Generally, fluid intake should not exceed 6 cups per hour. During prolonged sweating lasting several hours, drink sports drinks containing balanced electrolytes. **Signs and symptoms of heat exhaustion –** cool, moist skin; heavy sweating; headache; nausea or vomiting, dizziness; light-headedness; weakness, thirst; irritability; elevated body temperature; decreased urine output. Call 911 or the local law enforcement for animal control issues and if you find any weapons. Drive defensively. Address any Safety concerns to Edward Primeau, 609-351-7148.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone / Cell / Pager

Emergency Communications: 911 / SO Ed Primeau, USCG 609-351-7148 / OPS CHIEF: 816-718-4279 / SITL 361-236-2510

10. Prepared by: (RESL)	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
Tori Gomez	9/13/17 1600	Maggie Waldon CWO Pete Gollnick	9/13/17 9/13/17	Joe Davis	9/13/17

1. Incident Name:	2. Operational Period: (Date /Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09-14-17 @ 0700 To: 09-15-17 @ 0700	

3. Branch:	4. Division/Group/Staging:
ALPHA	Staging Area Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director:	DOUG FERGUSON DEPUTY JILLIAN HOFFMAN DEPUTY DANIEL DAVS DEPUTY RENAE DIGUARDI	EPA USCG TGLO TCEQ	913-669-5482 251-533-8438 361-438-4916 361-537-7917

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
Team 1	Doug Ferguson – EPA 2-ERRS Contractor	913-669-5482	3	704 W. Yoakum Ave, Aransas, TX 78336 Contact OPS at completion	☐
					☐
					☐
					☐

7. Work Assignments:

To receive, process, categorize, bulk, and dispose of any and all found hazardous containers. Collect samples from containers and conduct field screening. For personnel working at the Hazardous Materials Staging Pads, the Staging Group Supervisor must make certain that daily personnel training address the care, use and/or testing of all PPE used at the site, the medical surveillance program, the standard operating procedures for the hazardous materials team including the use of plugging and patching equipment and other subject areas, and any sampling and/or monitoring equipment used at the sites. Information must be posted at the site regarding where and how to obtain additional assistance if required. All personnel should be familiar with the local areas emergency response capabilities. The Site should be adequately secured and monitored to prevent access by unauthorized personnel.

8. Special Instructions:

When the heat index is around 100 F drink 1 cup of water every 15-20 minutes. Generally, fluid intake should not exceed 6 cups per hour. During prolonged sweating lasting several hours, drink sports drinks containing balanced electrolytes. **Signs and symptoms of heat exhaustion –** cool, moist skin; heavy sweating; headache; nausea or vomiting, dizziness; light-headedness; weakness, thirst; irritability; elevated body temperature; decreased urine output. Conduct physiological monitoring according to agency guidelines. Drive defensively. Address any Safety concerns Edward Primeau, 609-351-7148.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone / Cell / Pager

Emergency Communications: 911 / SO Ed Primeau, USCG 609-351-7148 / OPS CHIEF: 816-718-4279 / SITL 361-236-2510

10. Prepared by: (RESL)	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
Tori Gomez	9/13/17 1500	Maggie Waldon CWO Pete Gollnick	9/13/17 9/13/17	Joe Davis	9/13/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/14/17 @ 0700 To: 09/15/17 @ 0700	

3. Branch:	4. Division/Group/Staging:
BRAVO	Air Monitoring Assessment Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director:	WARREN ZEHNER DEPUTY BILL RHOTENBERRY	EPA EPA	214-789-1585 214-437-9804
Group Supervisor:	JHANA ENDERS	EPA	214-789-9654

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
TAGA	Mickunas – EPA Weeks – EPA Contractor Kanupp – EPA Contractor	609-865-1574	3	Contact for launch/completion	☐
					☐
					☐
					☐

7. Work Assignments:

TAGA: Conduct air monitoring utilizing the TAGA bus at the following Force Majeure Facilities: Shell Deer Park Refinery, Shell Deer Park Chemical Plant and Vopak Deer Park

8. Special Instructions:

Drive defensively and be vigilant at intersections and in heavy traffic. Increase visibility when stopped alongside the road for field operations with headlights and hazards on and vehicle off roadway. Hydrate regularly, replenish electrolytes and calories often, take breaks, and get adequate rest. Reapply sunscreen and insect repellant at least once per day. Continue periodic communication with supervisors. Maintain professionalism - treat others with dignity and respect at all times. Approach hazards from upwind and uphill while maintaining safe distance. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. For animal control issues call 911 or the local police dispatch - DO NOT approach any animal or wildlife. If teams find weapons or ammunition, call 911 or local law enforcement.
Critical Information Reporting (CIR): All teams shall immediately report injuries or accidents to **Safety Officer - George Brozowski, EPA – 214-755-1530**. Report any active discharge or HAZMAT release to the Operations Branch Chief.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager
Emergency Communications: 911 / SO MSTC Sawyer, USCG 904-755-4860			

10. Prepared by: (RESL) (Date/Time)	11. Reviewed by: (PSC) (Date/Time)	12. Reviewed by: (OPS) (Date/Time)
EPA Luetke 9/13/17	Maggie Waldon 9/13/17 CWO Pete Gollnick 9/13/17	Joe Davis 9/13/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/14/17 @ 0700 To: 09/15/17 @ 0700	

3. Branch:	4. Division/Group/Staging:
BRAVO	Air Operations Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director:	WARREN ZEHNER DEPUTY MATT TILIMON DEPUTY CHRIS PHELPS	EPA USCG USCG	214-789-1585 832-256-3261 850-748-3809

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
Air Operations Team	Harrington – EPA Yeargin – USCG	908-420-4492 912-269-0511	2	Every 2 hours	☐

7. Work Assignments:

Team will conduct aerial recon of designated vessel targets within Bravo Branch, as needed.

8. Special Instructions:

Take all direction from the air crew prior to boarding aircraft, while aboard, and when exiting. Use headsets or hearing protection and eye protection to avoid blowing debris injuries. Maintain a low profile when approaching or exiting the helicopter and avoid tail rotor at all times. Hydrate regularly, replenish electrolytes and calories often, take breaks, and get adequate rest. Reapply sunscreen and insect repellant at least once per day. Continue periodic communication with supervisors. Maintain professionalism - treat others with dignity and respect at all times. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. For animal control issues call 911 or the local police dispatch - DO NOT approach any animal or wildlife. If teams find weapons or ammunition, call 911 or local law enforcement. **Critical Information Reporting (CIR):** All teams shall immediately report injuries or accidents to **Safety Officer - George Brozowski, EPA – 214-755-1530**. Report any active discharge or HAZMAT release to the Operations Branch Chief.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager

Emergency Communications: 911 / SO MSTC Sawyer, USCG 904-755-4860

10. Prepared by: (RESL) (Date/Time)	11. Reviewed by: (PSC) (Date/Time)	12. Reviewed by: (OPS) (Date/Time)
EPA Luetke 9/13/17	Maggie Waldon 9/13/17 CWO Pete Gollnick 9/13/17	Joe Davis 9/13/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/14/17 @ 0700 To: 09/15/17 @ 0700	

3. Branch:	4. Division/Group/Staging:
BRAVO	Staging Area Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director:	WARREN ZEHNER DEPUTY BILL RHOTENBERRY	EPA EPA	214-789-1585 214-437-9804

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
Staging Area Team	Mickelsen – EPA	919-937-7011	1 2 EPA ERRS	Report as needed	☐

7. Work Assignments:

Continue collection and staging of recovered orphan containers at the pad located at 2200 Dorsett Street in Houston.
To receive, process, categorize, bulk, and dispose of any and all found hazardous containers. Collect samples from containers and conduct field screening. For personnel working at the Hazardous Materials Staging Pads, the Staging Group Supervisor must make certain that daily personnel training address the care, use and/or testing of all PPE used at the site, the medical surveillance program, the standard operating procedures for the hazardous materials team including the use of plugging and patching equipment and other subject areas, and any sampling and/or monitoring equipment used at the sites. Information must be posted at the site regarding where and how to obtain additional assistance if required. All personnel should be familiar with the local areas emergency response capabilities. The Site should be adequately secured and monitored to prevent access by unauthorized personnel.

8. Special Instructions:

Drive defensively and be vigilant at intersections and in heavy traffic. Have CST vehicles follow stakebed trucks and crews, using flashers/cones to increase visibility when stopped alongside the road for field operations. Hydrate regularly, replenish electrolytes and calories often, take breaks, and get adequate rest. Reapply sunscreen and insect repellant at least once per day. Check air monitoring instrument functionality and don required PPE **PRIOR to first contact** with any orphan container. Use teamwork and lifts to prevent injuries/spills. Maintain eye contact with operators of haul trucks and heavy equipment. Continue periodic communication with supervisors. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. For animal control issues call 911 or the local police dispatch - DO NOT approach any animal or wildlife. If teams find weapons or ammunition, call 911 or local law enforcement.
Critical Information Reporting (CIR): All teams shall immediately report injuries or accidents to **Safety Officer - George Brozowski, EPA – 214-755-1530**. Report any active discharge or HAZMAT release to the Operations Branch Chief.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager

Emergency Communications: 911 / SO MSTC Sawyer, USCG 904-755-4860 / Bill Rhotenberry, EPA 214-437-9804

10. Prepared by: (RESL) (Date/Time)	11. Reviewed by: (PSC) (Date/Time)	12. Reviewed by: (OPS) (Date/Time)
EPA Luetke 9/13/17	Maggie Waldon 9/13/17 CWO Pete Gollnick 9/13/17	Joe Davis 9/13/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/14/17 @ 0700 To: 09/15/17 @ 0700	

3. Branch:	4. Division/Group/Staging:
BRAVO	ER/Orphan Container Recovery Division A

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director:	WARREN ZEHNER DEPUTY BILL RHOTENBERRY	EPA EPA	214-789-1585 214-437-9804
Division Supervisor:	JASON YBARRA LY PHAM	TCEQ TCEQ	713-409-2991 832-228-1959

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
OCR Team 1	Perera – EPA Mayworn – TCEQ Wells – 6th CST Townsend – USCG	908-420-4514 832-928-3722 512-233-9339 205-706-1791	4 3 EPA ERRS	Every 2 hours	☐
OCR Team 2	Hudson – EPA Cortez – TCEQ Garcia – 6th CST Smith – USCG	513-967-3315 832-423-8432 512-233-9336	4 3 EPA ERRS	Every 2 hours	☐
OCR Team 3	D'Onofrio – EPA Carr – TCEQ Pierce – 6th CST Cafiero – USCG	908-420-4475 936-715-5241 512-233-9332 609-548-1032	4 3 EPA ERRS	Every 2 hours	☐
OCR Team 4	Russell – EPA Flemming – TCEQ Book – 6th CST Foret – USCG	816-446-0713 281-748-8713 512-233-9330 713-304-2676	4 3 EPA ERRS	Every 2 hours	☐
OCR Team 5	Cashion – EPA Lopez – TCEQ Hawkins – 6th CST Richardson – USCG	314-603-8027 713-542-9870 512-233-9328	4 3 EPA ERRS	Every 2 hours	☐
OCR Team 6	Gerard – EPA Surani – TCEQ Combs – 6th CST Wilson – USCG	702-501-8036 512-233-9329 713-304-2676	4 3 EPA ERRS	Every 2 hours	☐
OCR Team 7	Crumby – 61st CST Powell – 6th CST Mooney – 61st CST Darnell – 61st CST	501-837-7653 512-233-9333	4	Report as needed	☐

7. Work Assignments:

Conduct emergency orphan container recovery. Utilize the NDOW Orphan Container Hazard Evaluation SOP and document recovered targets utilizing response manager via a laptop/IPAD/Hazard Evaluation Field Data Sheet. All teams must download/sync assessment information daily and complete a 214B to document team field activities.

OCR Teams 1-6: Land- based recovery operations at designated targets.

- **OCR Teams 1-3:** Report to Ly Pham at 832-228-1959.
- **OCR Teams 4-7:** Report to Jason Ybarra at 713-409-2991.

8. Special Instructions:

Drive defensively and be vigilant at intersections and in heavy traffic. Have CST vehicles follow stakebed trucks and crews, using flashers/cones to increase visibility when stopped alongside the road for field operations. Hydrate regularly, replenish electrolytes and calories often, take breaks, and get adequate rest. Reapply sunscreen and insect repellant at least once per day. Check air monitoring instrument functionality and don required PPE **PRIOR to first contact** with any orphan container. Use teamwork and lifts to prevent injuries/spills. Maintain eye contact with operators of haul trucks and heavy equipment. Continue periodic communication with supervisors. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. For animal control issues call 911 or the local police dispatch - DO NOT approach any animal or wildlife. If teams find weapons or ammunition, call 911 or local law enforcement.

Critical Information Reporting (CIR): All teams shall immediately report injuries or accidents to **Safety Officer - George Brozowski, EPA – 214-755-1530**. Report any active discharge or HAZMAT release to the OPS Branch Chief.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Emergency Communications: 911 / SO Sawyer, USCG 904-755-4860/Jason Ybarra, TCEQ 832-228-1959/ Ly Pham, TCEQ 832-228-1959

10. Prepared by: (RESL)	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
EPA Luetke	9/13/17	Maggie Waldon CWO Pete Gollnick	9/13/17 9/13/17	Joe Davis	9/13/17

ASSIGNMENT LIST **ICS 204 – EPA** *(Rev 02/10)*

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/14/17 @ 0700 To: 09/15/17 @ 0700	

3. Branch:	4. Division/Group/Staging:
BRAVO	ER/Orphan Container Recovery Division B

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director:	WARREN ZEHNER DEPUTY BILL RHOTENBERRY	EPA EPA	214-789-1585 214-437-9804
Group Supervisor:	SAM MARMOLEJO	USCG	915-525-4022

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
OCR Team 8	Harrington – EPA Stark – 61st CST	908-420-4492	2/ 2 EPA ERRS	As needed with support boat	☐
OCR Team 9	Weed –USCG Ferrara – 61st CST	401-290-7605	2/ 2 EPA ERRS	As needed with support boat	☐
OCR Team 10	Smith -USCG McCann – 61st CST	603-396-2439	2/ 3 EPA ERRS	Every 2 hours	☐
OCR Team 11	Winstead – USCG Smejkal – 6th CST	252-945-5775 512-233-9321	2/ 2 EPA ERRS	As needed with support boat	☐
OCR Team 12	Ard – USCG Goering – 6th CST	251-978-8425 512-233-9327	2/ 2 EPA ERRS	As needed with support boat	☐
OCR Team 13	LeSourd – USCG Cornejo – 6th CST	619-888-3783 512-233-9331	2/ 3 EPA ERRS	Every 2 hours	☐
OCR Team 14	Slife – USCG Brooks – 6th CST	443-244-7791 512-233-9318	2/ 3 EPA ERRS	Every 2 hours	☐
OCR Team 15	Nelson – USCG Kelaita – 6th CST	228-365-7536	2/ 3 EPA ERRS	Every 2 hours	☐
Decon Team	Solecki - EPA DeSilva – TCEQ Denney - 61st CST	908-420-4501 281-974-9783	3/ 2 EPA ERRS	Report as needed	☐
Hazardous Material Tech Spec	Wade – Harris Co. OEM		1	Report as needed	☐

7. Work Assignments:

Conduct emergency orphan container recovery. Utilize the NDOW Orphan Container Hazard Evaluation SOP and document recovered targets utilizing response manager via a laptop/IPAD/Hazard Evaluation Field Data Sheet. All teams must download/sync assessment information daily and complete a 214B to document team field activities.

OCR Team 8-10: Water- based recovery operations at designated targets in Houston Ship Channel, upper San Jacinto Bay, Scott Bay. OCR 10 will be support boat. **Report to River Terrace Park Launch Road in Channelview at 0700.**

OCR Team 11-15: Water- based recovery operations at designated targets in Galveston Bay and IVO Galveston and Bolivar. OCR 12-14 will be support boats. **Report to Seabrook Boat Ramp (TX-146, Seabrook, TX 77586) at 0700.**

Decon Team: Decon operations report to Seabrook Boat Ramp at 1400 hours.

8. Special Instructions:

Drive defensively and be vigilant at intersections and in heavy traffic. Have CST vehicles follow stakebed trucks and crews, using flashers/cones to increase visibility when stopped alongside the road for field operations. Observe boating safety and enforce PFD wear for all occupants of vessels and during shoreline/dock ops. Confirm solid footing in debris/vegetation with oars before exiting vessels. Hydrate regularly, replenish electrolytes and calories often, take breaks, and get adequate rest. Reapply sunscreen and insect repellant at least once per day. Check air monitoring instrument functionality and don required PPE **PRIOR to first contact** with any orphan container. Use teamwork and lifts to prevent injuries/spills. Maintain eye contact with operators of haul trucks and heavy equipment. Continue periodic communication with supervisors. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. For animal control issues call 911 or the local police dispatch - DO NOT approach any animal or wildlife. If teams find weapons or ammunition, call 911 or local law enforcement. C**ritical Information Reporting (CIR):** All teams shall immediately report injuries or accidents to **Safety Officer - George Brozowski, EPA – 214-755-1530**. Report any active discharge or HAZMAT release to the OPS Branch Chief. **For on-water emergencies, contact USCG Command Center – 281-464-4855/Channel 16.**

9. Communications (radio and/or phone contact numbers needed for this assignment):

Emergency Communications: 911 / SO MSTC Sawyer, USCG 904-755-4860 /Marmolejo, 915-525-4022

10. Prepared by: (RESL) (Date/Time)	11. Reviewed by: (PSC) (Date/Time)	12. Reviewed by: (OPS) (Date/Time)
EPA Luetke 9/13/17	Maggie Waldon 9/13/17 CWO Pete Gollnick 9/13/17	Joe Davis 9/13/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/14/17 @ 0700 To: 09/15/17 @ 0700	

3. Branch:	4. Division/Group/Staging:
BRAVO	Hazard Evaluation Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	718-816-4279 415-720-4170
Branch Director:	WARREN ZEHNER DEPUTY MATT TILIMON DEPUTY CHRIS PHELPS	EPA USCG USCG	214-789-1585 832-256-3261 850-748-3809
Group Supervisor:	GUADALUPE QUIROZ	TCEQ	713-409-2517

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
HE Team 1	Tran – TCEQ Freeman – 6th CST	713-767-3665 512-233-9322	2	Every 2 hours	☐

7. Work Assignments:

HE1 will conduct hazard evaluation as needed, and conduct orphan container target verification in coordination with ER/orphan container recovery teams. Conduct Orphan Container Hazard Evaluation in Bravo Branch geographical area. Prioritize Rapid Needs Assessment Targets & conduct evaluation of targets. Utilize NDOW Orphan Container Hazard Evaluation SOP & document targets utilizing Response Manager via Laptop/IPAD/Hazard Evaluation Field Data Sheet & Orphan Container Photo Placard. All teams must complete a 214B to document team field activities.

8. Special Instructions:

Drive defensively and be vigilant at intersections and in heavy traffic. Increase visibility when stopped alongside the road for field operations with headlights and hazards on and vehicle off roadway. Hydrate regularly, replenish electrolytes and calories often, take breaks, and get adequate rest. Reapply sunscreen and insect repellant at least once per day. Continue periodic communication with supervisors. Maintain professionalism - treat others with dignity and respect at all times. Approach hazards from upwind and uphill while maintaining safe distance. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. For animal control issues call 911 or the local police dispatch - DO NOT approach any animal or wildlife. If teams find weapons or ammunition, call 911 or local law enforcement.

Critical Information Reporting (CIR): All teams shall immediately report injuries or accidents to **Safety Officer - George Brozowski, EPA – 214-755-1530**. Report any active discharge or HAZMAT release to the Operations Branch Chief.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager

Emergency Communications: 911 / SO MSTC Sawyer, USCG 904-755-4860 / Grp Supv Guadalupe Quiroz, TCEQ 713-409-2517

10. Prepared by: (RESL) (Date/Time)	11. Reviewed by: (PSC) (Date/Time)	12. Reviewed by: (OPS) (Date/Time)
Mindy Luetke 9/13/17	Maggie Waldon 9/13/17 CWO Pete Gollnick 9/13/17	Joe Davis 9/13/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/14/17 @ 0700 To: 09/15/17 @ 0700	

3. Branch:	4. Division/Group/Staging:
BRAVO	Oil Discharge Assessment Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director:	WARREN ZEHNER DEPUTY MATT TILIMON DEPUTY CHRIS PHELPS	EPA USCG USCG	214-789-1585 832-256-3261 850-748-3809
Group Supervisor:	BRIAN DUNNING	USCG	305-587-5701

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
ODA 1	Foret – USCG Haskins – USCG	713-304-2676 714-319-8764	2	Every 2 hours	☐
ODA 2	Macko – USCG Goodman – USCG	248-660-7007	2	Every 2 hours	☐
ODA 3	Nguyan – USCG Drayton – USCG	337-371-6800	2	Every 2 hours	☐
ODA 4	Metcalf – USCG Dalley – USCG	850-890-3255 251-525-3357	2	Every 2 hours	☐
ODA 5	Koch – TGLO Belton – TGLO		2	Every 2 hours	☐

7. Work Assignments:

ALL TEAMS - Respond to any reports of active pollution discharges, conduct patrols as tasked by DIVS and monitor recovery operations. Populate the NDOW software, prioritize and conduct assessment of the assigned targets. Utilize the NDOW SOP and document targets utilizing Response Manager via a laptop/PDA/Hazard Evaluation Field Data Sheet. All teams must download and sync information daily and complete a 214B to document field team activities. Conduct facility site visits verifying cleanup efforts in specified targeted grid throughout BRAVO operational areas utilizing established grids to close out targets.

8. Special Instructions:

Drive defensively and be vigilant at intersections and in heavy traffic. Increase visibility when stopped alongside the road for field operations with headlights and hazards on and vehicle off roadway. Observe boating safety and enforce PFD wear for all occupants of vessels and during shoreline/dock ops. Confirm solid footing in debris/vegetation with oars before exiting vessels. Hydrate regularly, replenish electrolytes and calories often, take breaks, and get adequate rest. Reapply sunscreen and insect repellant at least once per day. Continue periodic communication with supervisors. Maintain professionalism - treat others with dignity and respect at all times. Approach hazards from upwind and uphill while maintaining safe distance. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. For animal control issues call 911 or the local police dispatch - DO NOT approach any animal or wildlife. If teams find weapons or ammunition, call 911 or local law enforcement.

Critical Information Reporting (CIR): All teams shall immediately report injuries or accidents to **Safety Officer - George Brozowski, EPA – 214-755-1530**. Report any active discharge or HAZMAT release to the Operations Branch Chief.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager

Emergency Communications: 911 / SO MSTC Sawyer, USC 904-755-4860 / Dunning, USCG 305-587-5701

10. Prepared by: (RESL) (Date/Time)	11. Reviewed by: (PSC) (Date/Time)	12. Reviewed by: (OPS) (Date/Time)
EPA Luetke 9/13/17	Maggie Waldon 9/13/17 CWO Pete Gollnick 9/13/17	Joe Davis 9/13/17

1. Incident Name:	2. Operational Period: (Date / Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/14/17 @ 0700 To: 09/15/17 @ 0700	

3. Branch:	4. Division/Group/Staging:
BRAVO	Oil Discharge Recovery Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director: Deputy:	WARREN ZEHNER DEPUTY MATT TILIMON DEPUTY CHRIS PHELPS	EPA USCG USCG	214-789-1585 832-256-3261 850-748-3809
Group Supervisor:	BRIAN DUNNING	USCG	305-587-5701

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
ODR 1	Shunda – USCG TGLO	908-209-8364	2	Every 2 hours	☐
ODR 2	Baynor – USCG TGLO	252-305-9090	2	Every 2 hours	☐

7. Work Assignments:

ALL TEAMS - Respond to any reports of active pollution discharges, conduct patrols as tasked by DIVS and monitor recovery operations. Populate the NDOW software, prioritize and conduct assessment of the assigned targets. Utilize the NDOW SOP and document targets utilizing Response Manager via a laptop/PDA/Hazard Evaluation Field Data Sheet. All teams must download and sync information daily and complete a 214B to document field team activities.

ODR1-2: Prepare for upcoming salvage operations.

8. Special Instructions:

Drive defensively and be vigilant at intersections and in heavy traffic. Increase visibility when stopped alongside the road for field operations with headlights and hazards on and vehicle off roadway. Observe boating safety and enforce PFD wear for all occupants of vessels and during shoreline/dock ops. Confirm solid footing in debris/vegetation with oars before exiting vessels. Hydrate regularly, replenish electrolytes and calories often, take breaks, and get adequate rest. Reapply sunscreen and insect repellant at least once per day. Continue periodic communication with supervisors. Maintain professionalism - treat others with dignity and respect at all times. Approach hazards from upwind and uphill while maintaining safe distance. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. For animal control issues call 911 or the local police dispatch - DO NOT approach any animal or wildlife. If teams find weapons or ammunition, call 911 or local law enforcement. **Critical Information Reporting (CIR):** All teams shall immediately report injuries or accidents to **Safety Officer - George Brozowski, EPA – 214-755-1530**. Report any active discharge or HAZMAT release to the Operations Branch Chief.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager

Emergency Communications: 911 / SO MSTC Sawyer, USC 904-755-4860 / NSF Dunning 305-587-5701

10. Prepared by: (RESL)	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
EPA Luetke	9/13/17	Maggie Waldon CWO Pete Gollnick	9/13/17 9/13/17	Joe Davis	9/13/17

v1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey - ESF 10 Texas	From: 09/14/17 @ 0700 To: 09/15/17 @ 0700	

3. Branch:	4. Division/Group/Staging:
BRAVO	Water Infrastructure Assessment Group – Drinking Water

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director:	WARREN ZEHNER DEPUTY BILL RHOTENBERRY	EPA EPA	214-789-1585 214-437-9804
Group Supervisor:	MARK MCCASLAND DEPUTY MEAGHAN BRESNAHAN	EPA EPA	817-706-8384 215-595-3213

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
DW Team 1	Moreno – EPA Bednar – EPA	915-490-3039 573-489-5211	2	Contact Group Supervisor every 2 hours	☐
DW Team 2	Rodriguez – EPA Houston – EPA	817-845-9503 214-982-5711	2	Contact Group Supervisor every 2 hours	☐
DW Team 3	Willis-Burr - EPA Stotts – EPA	816-956-1242 832-338-1342	2	Contact Group Supervisor every 2 hours	☐
DW Team 4	Martin – EPA Webb – EPA	832-221-3636 913-375-4932	2	Contact Group Supervisor every 2 hours	☐
DW Team 5	Hernandez-Santiago – EPA Boatman – EPA	913-708-5245 816-377-4180	2	Contact Group Supervisor every 2 hours	☐
Technical Support	Waite – EPA Hord – START	214-587-7959 847-204-3275	2	Contact Group Supervisor every 2 hours	☐

7. Work Assignments:

Conduct site assessments at drinking water facilities. Prioritize facilities, and determine the overall operational status of those facilities through an on-site evaluation. Utilize the NDOW Water Infrastructure Evaluation SOP and document targets utilizing Response Manager via a laptop or other applicable electronic device as well as utilizing the Drinking Water Infrastructure Evaluation Data Sheet and Damage/Assessment status codes. Teams will also use the Infrastructure Photo Placard form to document all photos. All data and photos to be entered and synced into Response Manager daily and complete a 214B to document team field activities.

8. Special Instructions:

Drive defensively and be vigilant at intersections and in heavy traffic. Increase visibility when stopped alongside the road for field operations with headlights and hazards on and vehicle off roadway. Hydrate regularly, replenish electrolytes and calories often, take breaks, and get adequate rest. Reapply sunscreen and insect repellant at least once per day. Continue periodic communication with supervisors. Maintain professionalism - treat others with dignity and respect at all times. Approach hazards from upwind and uphill while maintaining safe distance. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. For animal control issues call 911 or the local police dispatch - DO NOT approach any animal or wildlife. If teams find weapons or ammunition, call 911 or local law enforcement.
Critical Information Reporting (CIR): All teams shall immediately report injuries or accidents to **Safety Officer - George Brozowski, EPA – 214-755-1530**. Report any active discharge or HAZMAT release to the Operations Branch Chief.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager
John Beull – Drone Operations			512-825-3487
Gene Robinson – Drone Operations			512-665-9990

Emergency Communications: 911 / SO MSTC Sawyer, USCG 904-755-4860 / Phelps, USCG 850-748-3809

10. Prepared by: (RESL) (Date/Time)	11. Reviewed by: (PSC) (Date/Time)	12. Reviewed by: (OPS) (Date/Time)
Meaghan Bresnahan 9/13/17 / 1101	Maggie Waldon 9/13/17 CWO Pete Gollnick 9/13/17	Joe Davis 9/13/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey - ESF 10 Texas	From: 09-14-17 @ 0700 To: 09-15-17 @ 0700	

3. Branch:	4. Division/Group/Staging:
BRAVO	Water Infrastructure Assessment Group – Waste Water

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director:	WARREN ZEHNER DEPUTY BILL RHOTENBERRY	EPA EPA	214-789-1585 214-437-9804
Group Supervisor:	MARK MCCASLAND DEPUTY WESTIN MASSEY	EPA TCEQ	817-706-8384 361-522-4550

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
WW Team 1	Podzemny – TCEQ Cotton - TCEQ	806-236-7088 832-866-0748	2	Text Group Sup every 2 hrs on status	☐
WW Team 2	Molina – EPA Coley - TCEQ	972-998-3451 806-543-2801	2	Text Group Sup every 2 hrs on status	☐
WW Team 3	Ellifritz – TCEQ Spiegel – TCEQ	325-280-0934 806-549-7789	2	Text Group Sup every 2 hrs on status	☐
WW Team 4	Pippin – TCEQ Cooper – EPA	325-514-0574 832-922-2317	2	Text Group Sup every 2 hrs on status	☐
WW Team 5	Matthews – EPA Durst - TCEQ	517-513-4359 806-570-5013	2	Text Group Sup every 2 hrs on status	☐
WW Team 6	Rhodes – TCEQ Livings – TCEQ	903-530-6525 832-724-8977	2	Text Group Sup every 2 hrs on status	☐
Technical Support	Garcin – START/EPA	208-308-2191	1	Report as necessary	☐

7. Work Assignments:

Conduct site assessments at wastewater facilities. Prioritize facilities, and determine the overall operational status of those facilities through an on-site evaluation. Utilize the NDOW Water Infrastructure Evaluation SOP and document targets utilizing Response Manager via a laptop or other applicable electronic device as well as utilizing the Wastewater Infrastructure Evaluation Data Sheet and Damage/Assessment status codes. Teams will also use the Infrastructure Photo Placard form to document all photos. All data and photos to be entered and synced into Response Manager daily and complete a 214B to document team field activities. Teams will be focused in Harris, Matagorda, Liberty, and Chambers counties.

8. Special Instructions:

Drive defensively and be vigilant at intersections and in heavy traffic. Increase visibility when stopped alongside the road for field operations with headlights and hazards on and vehicle off roadway. Hydrate regularly, replenish electrolytes and calories often, take breaks, and get adequate rest. Reapply sunscreen and insect repellant at least once per day. Continue periodic communication with supervisors. Maintain professionalism - treat others with dignity and respect at all times. Approach hazards from upwind and uphill while maintaining safe distance. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. For animal control issues call 911 or the local police dispatch - DO NOT approach any animal or wildlife. If teams find weapons or ammunition, call 911 or local law enforcement.
Critical Information Reporting (CIR): All teams shall immediately report injuries or accidents to **Safety Officer - George Brozowski, EPA – 214-755-1530**. Report any active discharge or HAZMAT release to the Operations Branch Chief.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager

Emergency Communications: 911 / SO MSTC Sawyer, USCG 904-755-4860 / Massey, TCEQ 361-522-4550

10. Prepared by: (RESL)	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
TCEQ Massey	09/13/17, 1045	Maggie Waldon CWO Pete Gollnick	9/13/17 9/13/17	Joe Davis	9/13/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09-14-17 @ 0700 To: 09-15-17 @ 0700	

3. Branch:	4. Division/Group/Staging:
CHARLIE	Oil Discharge Assessment Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director:	JOHN FREY JOE DELLA ROSA/JO ARONS	EPA USCG	816-807-8805 609-351-8503
Group Supervisor	DC1 RUEGSEGGER	USCG	510-604-8506

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
ODA Team 1	MST1 Prescott – CG MST2 Wilhelm– CG TGLO	912-286-0393 619-971-0318	3	As directed by TFL	☐
					☐
					☐
					☐

7. Work Assignments:

Standby to respond to any reports of active pollution discharges, conduct patrols as tasked by TFL and monitor recovery operations. Populate the NDOW software, prioritize and conduct assessment of the assigned targets. Utilize the NDOW SOP and document targets utilizing Response Manager via a laptop/PDA/Hazard Evaluation Field Data Sheet. All teams must download and sync information daily and complete a 214 to document field team activities. In the event of an active discharge, work with DIVS to assign local FOSCR (if applicable) for assessment and ATP.

***Teams need to be back at the command post between 1530 and 1600 to begin the documentation process.**

8. Special Instructions:

All Health and Safety incidents need to be reported to the **Safety Officer** for investigation. Keep hydrated by drinking 1 cup of water every 15-20 minutes. Take breaks as needed in a shaded area. Ensure you wear the appropriate PPE for your task (i.e. hard hats, gloves, safety glasses, safety boots, and PFDs). Use sunscreen and insect repellant. Ensure air monitoring instruments are operational and used during assessments. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. Contact animal control if you find distressed animals - DO NOT attempt to approach or catch even domestic animals. Maintain teamwork - use the buddy system! If you see a lightning strike within 5 miles, shelter for at least 30 minutes after hearing last thunder roll. **SOFR – SCOTT BINKO, CG – 216-903-6277.**
Critical Information Reporting (CIR) All teams shall immediately report injuries, mishaps to SOFR, and report any active discharge and/or release to the Operations Branch Chief.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager

Emergency Communications: 911 / SO # 216-903-6277 / DIVS – DC1 Ruegsegger - 510-604-8506

Emergency Communications:

10. Prepared by: (RESL)	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
DC1 Ruegsegger	09/13/17	Maggie Waldon CWO Peter Gollnick	9/13/17 9/13/17	Joe Davis	9/13/17

ASSIGNMENT LIST **ICS 204 – EPA** *(Rev 02/10)*

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09-14-17 @ 0700 To: 09-15-17 @ 0700	

3. Branch:	4. Division/Group/Staging:
CHARLIE	ER/Orphan Container Recovery Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director:	JOHN FREY DEPUTY JO ARONS	EPA USCG	816-807-8805 609-351-8503
Group Supervisor:	MANUEL SCHMAEDICK	EPA	816-806-2534

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
OCR 1	Team Lead - BM1 Burd - USCG 1 – USCG 1 - TCEQ 1 – START 2 – ERRS	609-577-3889	6	Water side recovery in lower Sabine River utilizing ERS vessel.	☐
OCR 2	Team Lead - ETC Martel - USCG 1 - EPA 1 – USCG 1 - TCEQ 1 – START 4 – ERRS	707-481-9554	9	Land based recovery utilizing flat bed truck, skid steer, and ERS contractors.	
OCR 3	Team Lead - McClantoc - USCG 1 – USCG 1 - TCEQ 1 – START 4 – ERRS	228-437-6425	8	Land based recovery utilizing flat bed truck, skid steer, and ERS contractors.	☐

7. Work Assignments:

Conduct Orphan Container Recovery as needed. Containers pre-existing the disaster that are in their obvious place of origin and have not been displaced during the disaster should not be recovered unless they are leaking as a result of the disaster. Physically recover all orphan containers identified. Utilize the NDOW Orphan Container Hazard Evaluation SOP and document targets utilizing Response Manager via a Laptop/IPAD/Hazard Evaluation Field Data Sheet. All teams must download/sync assessment information daily and complete a 214B to document team field activities.

***Teams need to be back at the command post between 1530 and 1600 to begin the documentation process.**

8. Special Instructions:

All Health and Safety incidents need to be reported to the **Safety Officer** for investigation. Keep hydrated by drinking 1 cup of water every 15-20 minutes. Take breaks as needed in a shaded area. Ensure you wear the appropriate PPE for your task (i.e. hard hats, gloves, safety glasses, safety boots, and PFDs). Use sunscreen and insect repellant. Ensure air monitoring instruments are operational and used during assessments. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. For animal control issues or when a weapon is found, call 911 or local law enforcement. Maintain teamwork - use the buddy system! If you see a lightning strike within 5 miles, shelter for at least 30 minutes after hearing last thunder roll. **SOFR – SCOTT BINKO, CG – 216-903-6277.**

Critical Information Reporting (CIR) All teams shall immediately report injuries, mishaps to SOFR, and report any active discharge and/or release to the Operations Branch Chief.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Emergency Communications: 911 / SO Scott Binko, USCG 216-903-6277 / DIVS – DC1 RUEGSEGGER – 510-604-8506

10. Prepared by: (RESL) (Date/Time)	11. Reviewed by: (PSC) (Date/Time)	12. Reviewed by: (OPS) (Date/Time)
OSC Vanderboom 09/13/17	Maggie Waldon 9/13/17 CWO Pete Gollnick 9/13/17	Joe Davis 9/13/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09-14-17 @ 0700 To: 09-15-17 @ 0700	

3. Branch:	4. Division/Group/Staging:
CHARLIE	Hazard Evaluation Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director:	JOHN FREY JOE DELLA ROSA/JO ARONS	EPA USCG	816-807-8805 609-351-8503
Group Supervisor:	MK2 HARRISON	USCG	352-219-4016

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
HE Team 1	CWO O'DONNELL- USCG USCG -1 TGLO – 1	251-421-1891	3	Beaumont Yacht Club	☐
HE Team 2	MKC Taylor – USCG USCG - 1 TCEQ - 1	858-218-4463	3	Targets N of I-10	☐

7. Work Assignments:

Conduct Hazard and waterway assessments as determined by TGLO/TCEQ throughout the Port Arthur AOR. Populate the NDOW software, prioritize and conduct assessment of the assigned targets. Utilize the NDOW SOP and document targets utilizing Response Manager via a laptop/PDA/Hazard Evaluation Field Data Sheet. All teams must download and sync information daily and complete a 214 to document field team activities. Notify MK2 HARRISON, immediately in the event of an active discharge.

Pass GAR score to Group Sup prior to getting underway along with a phone call at 1100 reporting ops and position. Pass all information that could aid decision makers in planning for the next operational period.

Team 1 - Conduct salvage assessment/confirmation of targets at Beaumont Yacht club. Record any targets that were removed on your ICS 214 and NDOW reports.

Team 2 - Conduct assessment of targets north of I-10. Record any updates (i.e. new targets) on your ICS 214 and NDOW reports.

***Teams need to be back at the command post between 1530 and 1600 to begin the documentation process.**

8. Special Instructions:

Pass GAR score to Group Sup prior to getting underway along with a phone call at 1100 reporting ops and position. Pass all information that could aid decision makers in planning for the next operational period.

All Health and Safety incidents need to be reported to the **Safety Officer** for investigation. Keep hydrated by drinking 1 cup of water every 15-20 minutes. Take breaks as needed in a shaded area. Ensure you wear the appropriate PPE for your task (i.e. hard hats, gloves, safety glasses, safety boots, and PFDs). Use sunscreen and insect repellant. Ensure air monitoring instruments are operational and used during assessments. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. Contact animal control if you find distressed animals - DO NOT attempt to approach or catch even domestic animals. Maintain teamwork - use the buddy system! If you see a lightning strike within 5 miles, shelter for at least 30 minutes after hearing last thunder roll. **SOFR – SCOTT BINKO, CG – 216-903-6277.**

Critical Information Reporting (CIR) All teams shall immediately report injuries, mishaps to SOFR, and report any active discharge and/or release to the Operations Branch Chief.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Emergency Communications: 911 / SO 216-903-6277 / DIVS – DC1 Ruegsegger – 510-604-8506

10. Prepared by: (RESL)	(Date / Time)	11. Reviewed by: (PSC)	(Date / Time)	12. Reviewed by: (OPS)	(Date / Time)
OSC Vanderboom	09/13/17	Maggie Waldon CWO Pete Gollnick	9/13/17 9/13/17	Joe Davis	9/13/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09-14-17 @ 0700 To: 09-15-17 @ 0700	

3. Branch:	4. Division/Group/Staging:
CHARLIE	Staging Area Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Chief:	JOHN FREY DEPUTY JO ARONS	EPA USCG	816-807-8805 609-351-8503
Group Supervisor	ERIC VANDERBOOM	EPA	208-530-3180

6. Resources Assigned: **"X" indicates 204a attachment with additional instructions**

Strike Team/Task Force/ Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
Staging Area Team	Don Edgington ERRS 1- ERRS 1-USCG	251-406-0220	3	Respond from Branch CP location	☐
					☐
					☐
					☐

7. Work Assignments:

To receive, process, categorize, bulk, and dispose of any and all found hazardous containers. Collect samples from containers and conduct field screening. For personnel working at the Hazardous Materials Staging Pads, the Staging Group Supervisor must make certain that daily personnel training address the care, use and/or testing of all PPE used at the site, the medical surveillance program, the standard operating procedures for the hazardous materials team including the use of plugging and patching equipment and other subject areas, and any sampling and/or monitoring equipment used at the sites. Information must be posted at the site regarding where and how to obtain additional assistance if required. All personnel should be familiar with the local areas emergency response capabilities. The Site should be adequately secured and monitored to prevent access by unauthorized personnel.

8. Special Instructions:

All Health and Safety incidents need to be reported to the **Safety Officer** for investigation. Keep hydrated with drinking 1 cup of water every 15-20 minutes. Take breaks as needed in a shaded area. Ensure you wear the appropriate PPE for your task (i.e. hard hats, gloves, safety glasses, safety boots, and PFDs). Use sunscreen and insect repellant. Ensure air monitoring instruments are operational and used during assessments. Impacted wildlife needs to be documented on the NDOW Fish Kill and Injured Wildlife Form and submitted to the Group Supervisor. For animal control issues or when a weapon is found, call 911 or local law enforcement. Maintain teamwork - use the buddy system! If you see a lightning strike within 5 miles, shelter for at least 30 minutes after hearing last thunder roll. **SOFR – SCOTT BINKO, CG – 216-903-6277.**

Critical Information Reporting (CIR) All teams shall immediately report injuries, mishaps to SOFR, and report any active discharge and/or release to the Operations Branch Chief.

9. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager

Emergency Communications: 911 / SO Scott Binko, USCG 216-903-6277 / DIVS – LT Arons – 609-351-8503

10. Prepared by: (RESL)	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
OSC Vanderboom	09/13/17	Maggie Waldon CWO Pete Gollnick	9/13/17 9/13/17	Joe Davis	9/13/17

Last	First	Incident Position	Agency	Phone
Abreu	Aaron	Alpha Operations Team Member	USCG	305-766-0800
Acevedo	Janie	Liaison Officer	EPA	469-222-7810
Aguero	Marco	Alpha Operations Team Member	ERRS	314-280-1628
Alday	Marcos	Alpha Operations Team Member	ERRS	505-415-0112
Alexander	Jonathan	Alpha Operatons Team Member	USCG	281-883-7188
Alton	Josh	Alpha Operatons Team Leader	USCG	503-939-3816
Amon	George	Documentation Unit Leader	USCG	262-995-8188
Aten	Brandon	Situation Unit Leader	USCG	860-514-4581
Bemis	Chistopher	Alpha Operatons Team Leader	USCG	904-738-4785
Bercher	Corey	IT/Data	START	281-750-2727
Bingham	Cody	GIS Technical Specialist	START	936-499-1881
Bosman	Julie	Resources Unit Leader	USCG	810-531-6319
Brescia	Nic	Operations Section Chief	EPA	214-789-8383
Brock	Bob	Deputy Incident Commander	TGLO	281-960-5506
Brozowski	George	Bravo Safety Officer	EPA	214-755-1530
Buck	Anthony	Incident Commander	TCEQ	512-563-3935
Burgo	Daniel	Data Management Tech Specialist	EPA	857-225-5563
Burke	Cory	Alpha Operatons Team Member	TCEQ	361-779-9094
Burroughs	Jacob	Alpha Branch FOSCR	USCG	252-312-5395
Buschang	Steve	Scientific Support Coordinator	TGLO	512-431-2232
Butler	Simone	Documentation Unit Leader	TGLO	361-695-6661
Carew	James	IMAT	EPA	857-200-0480
Carey	Julie	Environmental Unit	USCG	417-300-2949
Caudle	Christopher	Alpha Operatons Team Member	TCEQ	956-454-2664
Cavanagh	Michael	Finance	USCG	216-394-8400
Chaney	Scott	Alpha Operatons Team Member	ERRS-SWS	870-279-1422
Chavalia	Isaac	Alpha Branch FOSCR	USCG	718-689-4408
Churchill	Brian	Situation Unit Leader	USCG	562-209-1778
Clark	Heather	Alpha Branch FOSCR	USCG	336-406-4165
Cook	David	Data Management-Corpus	START - Weston	512-970-8836
Coover	Dylan	Alpha Branch	TGLO	512-567-6478
Cox	Nate	Public Information Officer	USCG	808-426-6340
Crawford	Robert	Alpha Operations Team Member	ERRS-SWS	601-27-7891
Cruz	Roy	Alpha IT Support	TGLO	512-585-7692
Davis	Daniel	Deputy Operations Section Chief	TGLO	361-438-4916
Diaz	Jonathan	Alpha Operatons Team Member	TCEQ	956-454-0387
Diguardi	Renae	Alpha Branch Director	TCEQ	361-537-7917
Dougherty	Michael	Deputy Logistics Section Chief	USCG	860-984-5307
Dueȟes	James	Alpha Operatons Team Member	TGLO	361-438-2593
Dulany	Austin	Alpha Operatons Team Leader	TGLO	361-438-4914
Edwards	Melanie	Alpha Operatons Team Member	TCEQ	361-825-3113
Eppler	David	Safety Officer	EPA	214-733-4676
Eubanks	Alden	Assistant Resource	USCG	517-902-7760
Ferguson	Joel	Deputy Incident Commander	USCG	251-680-9675
Fisher	Susan	Alpha Operations Team Member	EPA	816-718-4285
Fitch	Jacqueline	Deputy Operations Section Chief	USCG	415-720-4170
Fleisher	Curry	Check-in Recorder/ARESL	USCG	978-767-1545
Foard	Darrel	Alpha Operatons Team Member	ERRS-SWS	682-238-8399

Foil	Brandon	Alpha Operations Team Member	ERRS	801-634-7835
Font	Henry	Finance	USCG	301-848-9213
Frey	Mark	Data Management-Corpus	START - Weston	510-761-5655
Fuller	Kris	Data Management Tech Specialist	START - Weston	972-754-4715
Garcia	Oscar	Alpha Operatons Team Member	START - Weston	956-909-4311
Gibson	Chris	Finance	USCG	619-300-4322
Goggans	Walt	Alpha Operatons Team Leader	USCG	337-349-4711
Gollnick	Peter	Planning Support	USCG	857-207-0376
Gomez	Tori	Resource Unit Leader	START - Weston	214-918-9411
Good	Gena	EPA Docs	START	603-661-6243
Green	Luke	Alpha Operatons Team Leader	USCG	251-259-8903
Hadwin	Eric	OPS Support	START - Weston	225-773-9104
Halepeska	Jay	Alpha Operatons Team Member	TCEQ	NA
Ham	Tracy	Alpha Operations Team Member	USCG	404-909-9287
Harris	Robert	Alpha Operatons Team Member	USCG	907-723-3457
Hatfield	Austin	Alpha Operatons Team Member	USCG	717-575-9647
Hayes	Byron	Liaison Officer	USCG	907-957-0482
Hetticher	David	Alpha Operations Team Member	USCG	310-713-6213
Hoffman	Jillian	Deputy Planning Section Chief	USCG	251-533-8438
Holz	Theresa	Alpha Operations Team Member	START	708-307-5106
Hutley	Tedd	Incident Commander	USCG	609-351-7142
James	Weldon	Alpha Operatons Team Member	USCG	252-339-6667
Janskowski	Michael	Alpha Operatons Team Member	TGLO	956-459-3141
Kelly	Jason	Alpha Operatons Team Member	TCEQ	512-239-0871
King	Billy	Alpha Operatons Team Member	ERRS-SWS	870-279-2308
Klein	Donna	Alpha Operations Team Member	START	210-488-4782
Koza	Brent	Deputy Incident Commander	TGLO	361-438-4928
Krieger	Geoff	Finance Section Chief	EPA	202-578-2000
Latham	Ben	Operations Support	START - Weston	972-213-6618
Lehmann	Steve	Environmental Unit	NOAA	617-877-2806
Leonova	Larisa	Environmental Unit	EPA	202-578-0048
Lindgren	Eric	Alpha Operatons Team Member	TCEQ	817-266-2003
Lindsay	Robert	Alpha Operations Team Member	TCEQ	832-275-5524
Loesel	Matt	Planning Section Chief	EPA	202-578-2125
Logazino	Marc	Alpha Operatons Team Member	ERRS-SWS	870-331-5112
Martin	Rob	Finance Section Chief	USCG	415-302-8855
Martin	John	Incident Commander	EPA	214-789-1994
Martinez	Jimmy	Incident Commander	TGLO	361-438-3833
Maynard	Gloria	NDOW	TGLO	512-653-9381
McDaniel	Frank	Alpha Operatons Team Member	TGLO	361-903-4988
McDowell	Justin	Situation Unit Leader	EPA	601-248-1271
McKenzie	Thomas	Public Information Officer	USCG	202-716-9181
Mergentholer	David	Logistics Section Chief	USCG	716-465-0002
Mock	Corey	Alpha Operatons Team Member	TGLO	956-443-8619
Moore	Gary	Incident Commander	EPA	214-789-1627
Nold	Eric	Operations	EPA	816-718-4274
Nunez	Alex	Environmental Unit	TPWD	361-658-3181
Ohs	Matthew	Operations	AP	501-681-7633
Olivera	Raymond	Alpha Operatons Team Member	TGLO	956-455-8012

Peňa	Gonzalo	Situation Unit Leader	TGLO	956-459-3178
Pentecost	Jim	Alpha Operatons Team Leader	USCG	251-644-2738
Poe	Andrew	Alpha Opeations Team Leader	ERRS-SWS	314-305-4002
Prichard	Danny	Alpha Operatons Team Member	TCEQ	832-236-2525
Primeau	Ed	Safety Officer	USCG	609-351-7148
Ragon	Derek	Logistics Section Chief	EPA	214-463-4041
Ramirez	Santana	Documentation	TGLO	956-280-3619
Reardon	James	Alpha Operations team member	USCG	857-207-5756
Renninger	Steve	Deputy Planning Section Chief	EPA	513-260-7849
Rizzo	Blas	Alpha Operatons Team Member	TCEQ	361-816-9596
Ross	Bill	Alpha Operations Team Member	TCEQ	361-205-7248
Ruble	Kelly	Alpha Operations Team Member	TCEQ	361-442-7243
Russell	Stephen	Alpha Operatons Team Member	USCG	206-403-8483
Saenz	Debbie	Documentation	TGLO	512-563-8289
Sandusky	Eric	Situation Unit Leader	START	678-516-7277
Simcox	Robert	Alpha Operatons Team Member	USCG	774-929-0763
Simons	Bruce	Alpha Operatons Team Member	TGLO	361-438-0379
Smith	Heath	Alpha Operatons Team Leader	EPA	816-718-4277
Smith	Charles	Alpha Operatons Team Member	USCG	251-487-6681
Smith	Jimmy	Alpha Branch Director	USCG	251-644-1785
Spurlin	Steve	Deputy Incident Commander	EPA	731-394-8996
Stanley	Shawn	Alpha Operatons Team Member	USCG	609-287-5137
Strawn	Chris	IT	TCEQ	512-573-8263
Stromeyer	James	Alpha Operations Team Member	ERRS-SWS	314-258-4359
Suarez	Miguel	Alpha Operatons Team Member	ERRS-SWS	870-582-1653
Sullivan	Terry	Logistics Section Chief	TCEQ	512-426-3016
Tamargo	Timothy	Public Information Officer	USCG	757-567-8734
Taylor	Austin	Liaison	TCEQ	361-537-7919
Telesford-Checkly	Judlyn	Alpha Operations Team Member	TCEQ	979-587-9989
Tindol	Bret	Alpha Operatons Team Member	USCG	251-423-4134
Trevino	Karla	Alpha Operatons Team Member	TCEQ	361-227-2691
Vela	Austin	Alpha Operations Team Member	EPA	361-652-6096
Veselka	Jay	State OSC	TGLO	361-244-9229
Wagoner	Noah	Alpha Operatons Team Member	USCG	208-819-9638
Waldon	Maggie	Planning Section Chief	EPA	415-940-1109
Walsh	Kerry	Alpha OPS	GLOBAL	503-413-9059
Walton	Steven	Information Tech	TCEQ	210-842-2384
Whelan	Ann	Liaison Officer	EPA	202-578-0048
White	Terri	Public Information Officer	EPA	215-514-8828
Wiatrek	Chris	Alpha Operatons Team Member	TCEQ	512-605-9659
Wortman	Evan	Alpha Operations Team Member	ERRS-SWS	303-518-7339
Yakusha	Vira	GIS	START	301-442-8471

1. Incident Name: Hurricane Harvey – ESF 10 Texas ICP and Alpha Branch	2. Operational Period (Date / Time) From: continuous To:	MEDICAL PLAN ICS 206-CG

3. Medical Aid Stations:

Name	Location	Contact #	Paramedics On site (Y/N)
Al Amin Shriner	2001 Suntide Rd, Corpus Christi, TX 78409		N

4. Transportation

Ambulance Service	Address	Contact #	Paramedics On board (Y/N)
CORPUS CHRISTI FIRE DEPARTMENT/EMS SERVICES	2406 LEOPARD Ste #300 Corpus Christi, TX 78408	911 361-826-3932	Y
SACRED HEART MEDICAL SERVICES	3909 LONE TREE RD. VICTORIA, TX	361-579-9727	Y
CALHOUN COUNTY EMS	705 COUNTY RD 101 PORT LAVACA	361-552-1140	Y
Coastal Care EMS	810 Henderson St. Rockport, TX---- 0 TRUCKS	361-727-2071	Y
ALLEGIANCE AMBULANCE SERVICES	1959 Saratoga Blvd # 22, Corpus Christi, TX 78417 ------ NO SHEPARD OR BAY AREA	(855) 247-5911	Y
FIVE STAR AMBULANCE	4639 CORONA ST. CORPUS CHRISTI, TX 1 TRUCK, DIALYSIS	361-334-5870	Y
HALO FLIGHT	1843 FM 665 CORPUS CHRISTI, TX	361-265-0509	Y
SENS-IBLE CARE INC	2814 E Carlos Truan Blvd, Kingsville, TX 78363	361-595-4321	Y
WILLACY COUNTY EMS	101-, 199 Turner Ave, Raymondville, TX 78580	956-689-5456	Y
HARLINGEN EMS	1705 VERMONT HARLINGEN, TX	(956) 364-2711	Y
LOS FRESNOS CITY AMBULANCE	#A 200 NORTH BRAZIL ST. LOS FRESNOS, TX	956-233-5007	Y

5. Hospitals

Hospital Name	Address	Contact #	Travel Time		Burn Ctr?	Heli-Pad?
			Air	Ground		
CHRISTUS SPOHN MEMORIAL HOSPITAL	2606 HOSPITAL BLVD CORPUS CHRISTI 78405	361-902-4000	15	15	N	Y
CHRISTUS SPOHN SHORELINE HOSPITAL **(SNAKEBITES) (WOUND CARE) (HYPERBARIC)**	600 ELIZABETH ST. CORPUS CHRISTI 78404 (OPEN)	361-881-3000			C	Y
US ARMY INSTITUTE OF SURGICAL RESEARCH FORT SAM HOUSTON	3400 RAWLEY E. CHAMBERS AVE. SAN ANTONIO,TX 78234-5012	210-916-2720			Y	
TRIUMPH HOSPITAL	506 EAST SAN ANTONIO ST. VICTORIA (OPEN)	361-575-7441			N	Y
CITIZENS MEDICAL CENTER	2701 HOSPITAL DRIVE VICTORIA (OPEN)	361-573-9181			N	Y
REFUGIO COUNTY MEMORIAL HOSPITAL	REFUGIO,TX ER ONLY	361-526-2321			N	Y
CHRISTUS SPOHN SOUTH HOSPITAL	5950 SARATOGA BLVD CORPUS CHRISTI 78414	361-985-5000			N	Y

CORPUS CHRISTI MEDICAL CENTER:DOCTORS REGIONAL	3315 SOUTH ALAMEDA ST. CORPUS CHRISTI,TX 78411	361-761-1400			N	Y
DRISCOLL CHILDREN'S HOSPITAL	3533 SOUTH ALAMEDA ST CORPUS CHRISTI,TX 78411	361-694-5000			N	Y
CORPUS CHRISTI MEDICAL CENTER – BAY AREA **(SNAKEBITES)**	7101 SOUTH PADRE ISLAND DRIVE CORPUS CHRISTI,TX ER Only	361-761-1200			N	Y
CHRISTUS SPOHN HOSPITAL KLEBERG	1311 GENERAL CABAZOS BLVD KINGSVILLE,TX 78363 (Open)	361-595-1661			N	Y
DRISCOLL CHILDREN'S HOSPITAL	1120 EAST RIDGE ROAD MCALLEN,TX 78503	956-688-1200			N	Y
SOLARA HOSPITAL OF HARLINGEN	508 VICTORIA LN HARLINGEN, TX	956-425-9600			N	N

6. Special Medical Emergency Procedure

- **In cases of emergency evac please contact 911.**
- **In case of snakebites, patients are to be transported to either Christus Spohn Shoreline Hospital (Nearest) or Bay Area Medical Center. Both of these hospitals have been confirmed to being able to care for snakebites.**
- **In the case of ANY injury, please seek medical attention then report the incident to the Safety Officer at 609-351-7148 and USCG personnel shall report to Sector Corpus Christi DUTY HS @ 361-438-0197.**
- **Injury and illnesses shall be reported to your supervisor and then to your agency or employer.**

7. Prepared by: (Medical Unit Leader)	**Date/Time**	**8. Reviewed by: (Safety Officer)**	**Date/Time**
HS2 Neal	13 Sep 2017/1500	Edward Primeau	13 Sep 2017/1500

MEDICAL PLAN (Rev.07/04) ICS 206-CG

1. Incident Name: Hurricane Harvey – ESF 10 Texas Bravo Branch	2. Operational Period (Date / Time) From: continuous To:	MEDICAL PLAN ICS 206-CG

3. Medical Aid Stations:

Name	Location	Contact #	Paramedics On site (Y/N)
Bravo Branch	TBD	TBD	N

4. Transportation

Ambulance Service	Address	Contact #	Paramedics On board (Y/N)
Galveston Fire Dept.	823 Rosenberg, Galveston TX	911/409-765-3702	Y
Texas City Fire Dept.	1725 25th Street North, Texas City, TX	911/409-392-2858 Admin 409-643-5700	Y
Ellington Field Fire Dep.t/NASA EMS	14657 Sneider St., Houston, TX	911/281-929-2337	Y
Houston Fire & EMS	922 Dixie Farm Rd., Houston, TX	911/Admin 832-394-6700	Y
Webster Fire Dept.	18300 Highway 3, Webster, TX	911/Admin 281-316-3730	Y
Acadian	2022 Humble PL Dr., Humble, TX	281-548-7772	Y
City Ambulance	16911 Old Louetta Rd #6, Houston, TX	911/281-894-7100	Y

5. Hospitals

Hospital Name	Address	Contact #	Travel Time		Burn Ctr?	Heli-Pad?
			Air	Ground		
Clear Lake Regional	500 W Medical Center Blvd., Webster, TX (No burn, no, major trauma, no hyperbaric) Lat: 29 32'49" Long: 95 07'0.77" W	281-332-2511	<5M	5M	N	Y
UTMB Galveston Level II	901 Harbor Side, Galveston, TX (Trauma Lvl 1/3 helo pads, burn center) Lat: 29 18'43.851"N Long: 94 46'41.703"W	409-772-9505	<10M	45M	Y	Y
St. John's Clear Lake Level III	18300 St. John Dr., Houston, TX 77058 (No burn, 1 helo pad) Lat: 29 33'0.193"N Long: 95 5'08.07"W	281-333-5503	7M	12M	N	Y
Memorial Hermann Southeast Level III	11800 Astoria Blvd., Houston, TX 77089 (helo pad and cath. lab) Lat 29 58'71"N Long: 95 21'67"W	281-929-6100 281-669-8870	4M	10M	N	Y
Memorial Herman Pearland Level IV	16100 South Fwy., Pearland, TX 77584 (No trauma/1 helo pad/no burn) Lat: 29 56'30"N Long: 95 38'85"W	713-413-6589 Command Center 713-413-6500	10M	16M	N	Y
Mainland TXC Level IV	6801 Emmett Lowry Expressway, Texas City, TX (hyperbaric on call) Lat: 29 39'48"N Long: 94 98'59"W	409-938-5112 409-938-5050 Hyperbaric 409-789-2656	30M	45M	N	N
Memorial Hermann Hospital Level 1	6411 Fannin St., Houston, TX 77030 (no helo/1 burn center/1 helo pad) Lat: 2942.8 Long: 9523.7	713-704-4000/2500 /2578/4268 Charge Nurse 713-704-1223	10M	30M	Y	Y
San Jac Methodist Level IV	4401 Garth Rd., Baytown, TX 77521 (no trauma/no burn/1 helo pad) Lat: 29.768N Long: 94.97W	281-420-8600	20M	32M	N	Y
Bay Area Regional Level III	200 Blossom St., Webster, TX 77598 (no helo/no burn/pharmacy for AD CG) Lat: 29.544811N Long: 95.125820W	281-525-7000	5M	12M	N	N

St. Joseph medical Center Level III	1401 St. Joseph Pkwy., Houston, TX (no burn/1 helo pad) Lat: 29.747621N Long: 95.365969W	713-757-1000 Command Center 713-759-0635	15M	29M	N	Y
UTMB League City Level IV	2240 Gulf Fwy., League City, TX 77573 (no helo pad, use parking lot)	409-772-1011 409-772-9500	15M	23M	N	Y
Lafayette General Hospital Level I	1214 Coolidge St., Lafayette, LA 70503 (helo pad/hyperbaric/no burn) Lat: 30 12'05"N Long: 92 02'10"W	337-289-7991	3H	3H44M	N	Y
South Cameron Memorial Hospital Level IV	5360 W Creole Hwy., Cameron, LA 70631 (trauma center/helo pad/no hyperbaric/no burn) Lat: 20 48'47"N Long: 93 09'0.998"W	337-542-4111	2H	3H18M	N	Y

6. Special Medical Emergency Procedure

- **In cases of emergency please contact 911.**
- **In the case of ANY injury, please seek medical attention then report the incident to the Safety Officer at 904-755-4860.**
- **Injury and illnesses shall be reported to your supervisor and then to your agency or employer.**

7. Prepared by: (Medical Unit Leader)	**Date/Time**	**8. Reviewed by: (Safety Officer)**	**Date/Time**
Sector Houston	13 Sep 2017/1505	Edward Primeau	13 Sep 2017/1505

MEDICAL PLAN (Rev.07/04) ICS 206-CG

1. Incident Name	2. Operational Period Date / Time	MEDICAL PLAN ICS 206 - EPA
Hurricane Harvey – ESF 10 Texas Bravo Branch Pad Site	From: continuous To:	

3. Incident Medical Aid Stations

Medical Aid Stations	Location	Paramedics	
		Yes	No
Bravo Pad Site	2200 Dorsett Street		X

4. Ambulance Services

Name	Address	Phone	Paramedics	
			Yes	No
City Ambulance	16911 Old Louetta Rd #6, Houston, TX	911	X	

5. Hospitals

Name	Address	Travel Time		Phone	Helipad		Burn Center	
		Air	Ground		Yes	No	Yes	No
Houston Methodist Hospital – Texas Medical Center	6565 Fannin Street Houston, TX 77030	4 m	20 m	713.790.3311		X		X

6. Medical Emergency Procedures

Poison Control Number: 800-222-1222
911: For Harris County – call 911

If injured at the Dorsett Street Pad, contact your supervisor and Bravo Branch ASO George P. Brozowski – 214-755-1530

7. Prepared by (Medical Unit Leader)	Date Time	8. Reviewed by (Safety Officer)	Date Time
George P. Brozowski	09/13/17 1700	Edward Primeau	13 Sep 2017/1900

1. Incident Name: Hurricane Harvey – ESF 10 Texas Charlie Branch	2. Operational Period (Date / Time) From: continuous To:	MEDICAL PLAN ICS 206-CG

3. Medical Aid Stations:

Name	Location	Contact #	Paramedics On site (Y/N)
Disaster Medical Assistance Team (DMAT) (Captain Cochrane)	2200 Jefferson Rd Port Arthur, TX 77642 (Located behind Thomas Jefferson Middle School Stadium)	(206) 316-6026	Y
Neighbors Emergency Center	3330 Hwy 365 Port Arthur, TX 77642	(409) 722-9554	N
Golden Triangle Emergency Center	8035 Memorial Blvd Port Arthur, TX 77640	(409) 237-5870	N

4. Transportation

Ambulance Service	Address	Contact #	Paramedics On board (Y/N)
Acadian Ambulance Service	3720 Corley St. Beaumont TX, 77701	(409)980-7702	Y
W Calcasieu Cameron Hospital	701 Cypress St. Sulphur LA, 70663	(337)527-7034	Y

5. Hospitals

Hospital Name	Address	Contact #	Travel Time		Burn Ctr?	Heli-Pad?
			Air	Ground		
Medical Center of SETX Level IV	22555 Jimmy Johnson Blvd Port Arthur TX,	(409)724-7389	<5M	10M	No	Yes
Christus SETX Outpatient Center Mid County	8801 9th Ave, Port Arthur TX, 77642	(409)724-3600	<5M	10M	No	No
UTMB Galveston Level II	901 Harbor Side Galveston, TX	(409)772-9505	unk	unk	Yes	Yes
Christus St. Patrick Hospital Level II (Dialysis Care available)	524 Dr. Michael Debakey Drive, Lake Charles, LA 70605	(337)436-2511	unk	unk	NO	Yes
Christus SETX St. Elizabeth Level III	2830 Calder St Beaumont TX, 77702	(409)892-7171	10M	20M	No	Yes

6. Special Medical Emergency Procedures

Any fatality or injury (greater than first aid) immediately report to the Safety Officer Scott Binko, 216-903-6277 or MST1 Greg Halter, 910-616-4782.

7. Prepared by: (Medical Unit Leader)	Date/Time	8. Reviewed by: (Safety Officer)	Date/Time
MSU Port Arthur	13 Sep 2017/1515	Scott Binko	13 Sep 2017/1500

1. Incident Name Hurricane Harvey – ESF 10 Texas	2. Operational Period (Date/Time) From: 14 SEP 17 @ 0700 To: 15 SEP 17 @ 0700	DAILY MEETING SCHEDULE ICS 230-CG

3. Meeting Schedule (Commonly-held meetings are included)

Date/ Time	Meeting Name	Purpose	Attendees	Location
0700	Unified Command Objectives Meeting	Review/ identify objectives for the next operational period.	Unified Command members	EPA MCP
0730	Operations Briefing	Present IAP and assignments to the Supervisors/Leaders for the next Operational Period.	Branch Directors, Div/Gru Sups., Task Force/Strike Team Leaders and Unit Leaders	Parking Lot
0730	Command & General Staff Meeting	IC/UC gives direction to Command & General staff including incident objectives and priorities	IC/UC, Command & General Staff	Meeting Area
0830	ESF-10 Conference Call	UC discusses status/progress.	Unified Command	EPA MCP
0900	Planning Family Meeting	Planning Section meets to discuss deliverables for IAP	Planning Section	Meeting Area
1100	Tactics Meeting	Develop/Review primary and alternate Strategies to meet Incident Objectives for the next Operational Period.	PSC, OSC, LSC, RESL & SITL	EPA MCP
1400	Planning Meeting	Review status and finalize strategies and assignments to meet Incident Objectives for the next Operational Period.	Determined by the IC/UC	Meeting Area

4. Prepared by: (Situation Unit Leader)	Date/Time
CWO Pete Gollnick	**13 SEP 2017 0830**

DAILY MEETING SCHEDULE ICS 230-CG (Rev.07/04)