From: Waldon, MARGARET
Sent: Friday, September 15, 2017 8:36 PM
To: Moore, Gary; 'Christopher Wiatrek'; Jimmy.A.Martinez; Tedd.B.Hutley_uscg.mil; anthony.buck@tceq.texas.gov; Brescia, Nicolas; susan.jablonski@tceq.texas.gov; jacqueline.fitch@uscg.mil; daniel.davis@glo.texas.gov; bruce.simons@glo.texas.gov; Mason, Steve; McAteer, Mike; Lyssy, Gregory; 'cynthia.d.williams@tceq.texas.gov'; Zehner, Warren; Delgado, Paige; Foster, Althea; Smalley, Bryant; Smith, Monica; Webster, Susan; Carroll, Craig; Williams, David (R7); Crossland, Ronnie; Restivo, Angela; Crow, David; 'jillian.m.hoffman2@uscg.mil'; steve.lehmann@noaa.gov; Gena.good@westonsolutions.com; Benjamin Latham; erik.hadwin@westonsolutions.com; Jose Ojeda; Rhotenberry, William; R6HarveySITL; Luetke, Melinda; Larson, Darrin; Luetke, Melinda; Alex.nunez@tpwd.texas.gov; santana.ramirez@glo.texas.gov; Henry.L.Font@uscg.mil; sam cheek; Aten, Brandon J LT; Yoder, Jonathan S. (CDC/OID/NCEZID; William.thompson@rrc.texas.gov; McDowell, Justin; Steven.mitchell@tpwd.texas.gov; Ngo, Kim; Toryus.brantley@westonsolutions.com; david.robinson@westonsolutions.com; Nold, Eric; Brent.koza@glo.texas.gov; Alex.lara@westonsolutions.com; gollp4242@gmail.com; R6HarveySO; Vela, Austin; Vanderboom, Eric; Leos, Valmichael; Martin, John; Davis, Joe; Fisher, Susan; Ferguson, Doug; Christopher.n.phelps@uscg.mil
Subject: Hurricane Harvey ESF-10 Texas Incident Action Plan #17 for 9/16/17
Attachments: Hurricane Harvey ESF-10 Texas Incident Action Plan #17 for 09-16-17 to 09-17-17_email.pdf

Maggie Waldon, Planning Section, R6 Hurricane Harvey Response – Corpus Christi

On-Scene Coordinator
USEPA Region IX
75 Hawthorne St.
San Francisco, CA 94105
415.940.1109

7031987

Hurricane Harvey
ESF – 10
Unified
Incident Action Plan
(IAP-17)

Operational Period:
Starting: 09/16/2017 @ 0700
Ending: 09/17/2017 @ 0700

1. Incident Name:	2. Operational Period: (Date/Time)	INCIDENT OBJECTIVES ICS 202 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/16/2017 @ 0700 To: 09/17/2017 @ 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 assessments 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.**
- **Continue to 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		09/15/17	1942
CWO Pete Gollnick, USCG	CWO, USC	09/15/17	1957

7. Approved By (Incident Commander(s)):		(Date/Time)	
Name:	Signature:	Date:	Time:
Gary Moore, EPA		09/15/17	1924
Anthony Buck, TCEQ		09/15/17	1720
Jimmy Martinez, TGLO	for BEHALF OF JIMMY MARTINEZ	09/15/17	1926
CDR Tedd Hutley, US Coast Guard		09/15/17	1915

1. Incident Name	2. Operational Period (Date/Time)	Command Direction ICS 202A-CG
Hurricane Harvey – ESF 10 Texas	From: 09-16-17 @ 0700 To: 09-17-17 @ 0700	

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

NAME OF INCIDENT: Hurricane Harvey ESF-10 Texas

OPERATIONAL PERIOD: 24 hour 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: Golfsmith Building, 11000 North I-35, Dustin, Texas
- 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 a $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	09/15/2017 1800

1. Incident Name	2. Operational Period (Date/Time)	Critical Information Requirements ICS 202B
Hurricane Harvey – ESF 10 Texas	From: 09/16/2017 @ 0700 To: 09/17/2017 @ 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.)

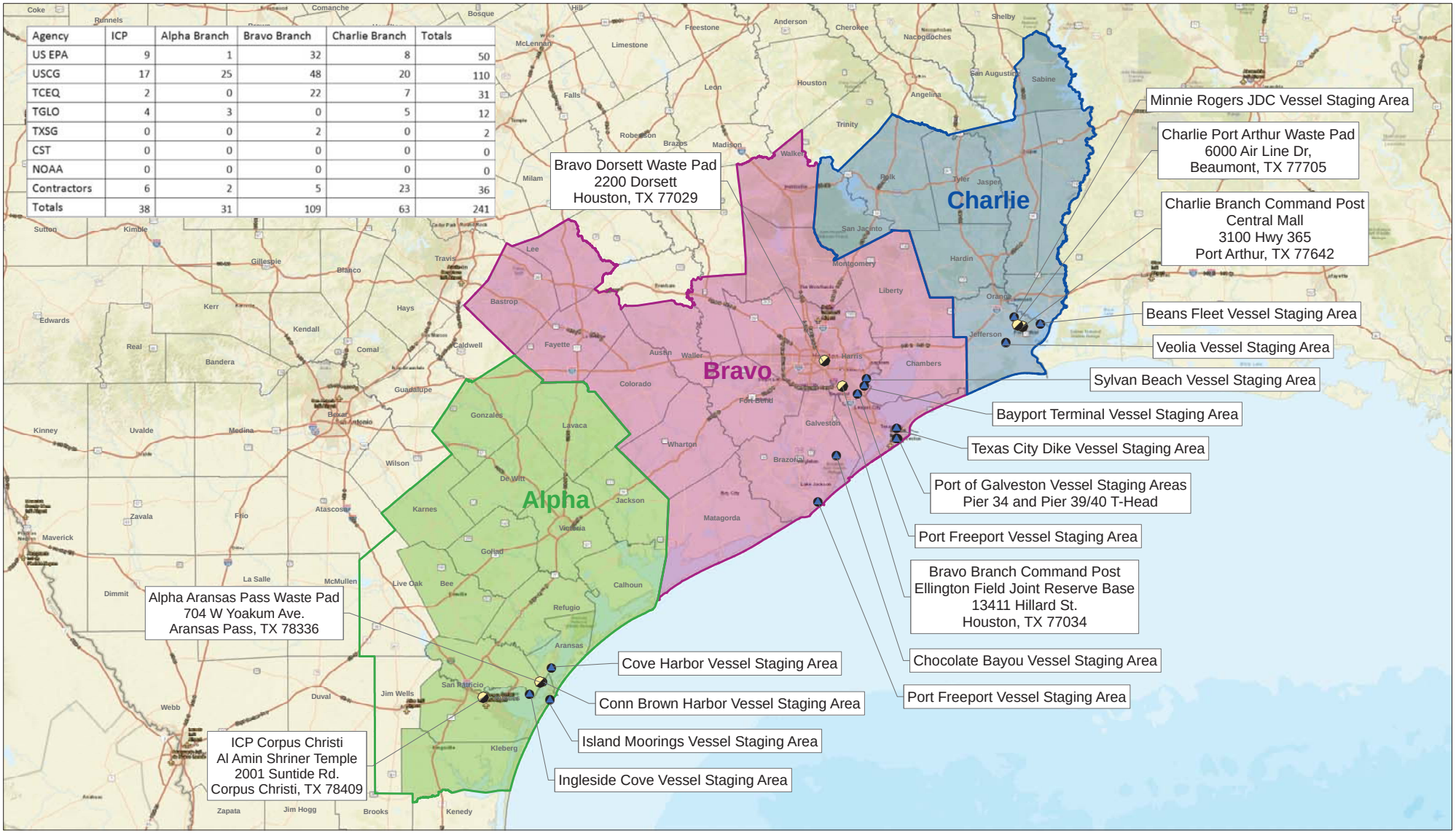
- **Accountability of personnel.**
- **Status of NDOW Targets.**
- **Environmental resources at risk as a result of the incident and response.**
- **Environmental Impact.**
- **Wildlife Impacts.**
- **Social media field observations or trends.**
- **Political interests or concerns and media interests 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	09/15/17 1800

Agency	ICP	Alpha Branch	Bravo Branch	Charlie Branch	Totals
US EPA	9	1	32	8	50
USCG	17	25	48	20	110
TCEQ	2	0	22	7	31
TGLO	4	3	0	5	12
TXSG	0	0	2	0	2
CST	0	0	0	0	0
NOAA	0	0	0	0	0
Contractors	6	2	5	23	36
Totals	38	31	109	63	241



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: 6:42:13 PM 9/15/2017

FILE: C:\Users\binghamc\Documents\PROJECTS\Harvey_ER\SPATIAL\MXD\Harvey - EPA Region 6 IAP Overview Map.mxd 6:42:13 PM 9/15/2017 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.

Here's an example:

This is how it looks before you send it:

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
09/15/17

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: 09-16-17 @ 0700 To: 09-17-17 @ 0700	

Major Hazards and Risks: Do not become complacent!

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. Watch out for aggressive drivers and avoid any confrontation. Secure your valuables in the trunk, take your keys, and lock your vehicle.

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.

DON'T GET STUCK - 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.

STOP - BREATHE - THINK - ACT

.

BE SAFE – BE EFFECTIVE – BE POSITIVE

Get Texas back to normal!

Loyalty
Purity
Bravery

Incident Name:
Hurricane Harvey – ESF 10 Texas
Operational Period: 09/16/17 to 09/17/17
Prepared by: Maggie Valentine-Graham
Date: 09/15/17
Time: 1800

Incident Command
Gary Moore, EPA
Anthony Buck, TCEQ
Jimmy Martinez, TGLO
CDR Tedd Hutley, USCG
Deputy Joel Ferguson, USCG
Deputy Brent Koza, TGLO
Deputy Susan Fisher, EPA
C000

Liaison Officer
Janie Acevedo, EPA
CDR Byron Hayes, USCG
C160

Public Information Officer
Austin Vela, EPA
Susan Blake, USCG
C140

Safety Officer
David Eppler, EPA
Edward Primeau, USCG
C130

Data Support Coordinator
Dan Burgo, EPA
C150

Operation Section
Joe Davis, EPA
Deputy Renae DiGuardi, TCEQ
LT Jacqueline Fitch, USCG
Deputy Daniel Davis, TGLO
(See Next Page)
O000

Operations Support
Theresa Holz, START
OY00

Alpha Branch
(Corpus Christi)
(See Next Page)
OB00

Bravo Branch
(Houston)
(See Next Page)
OC00

Charlie Branch
(Port Arthur)
(See Next Page)
OD00

Planning Section
Maggie Waldon, EPA
Pete Gollnick, USCG
P500

Resources Unit
Maggie Valentine, START
Julie Bosman, USCG
Curry Fleischer, USCG
Aldon Eubanks, USCG
P510

Situation Unit
Justin McDowell, EPA
Brandon Aten, USCG
Brian Churchill, USCG
P520

Documentation Unit
Derek Ragon, EPA
Carla Hope, TCEQ
Simone Butler, TGLO
Gena Good, START
George Amon, USCG
P530

Data Management Unit
Ping Yang, START
Donna Klein, START
Vira Yakusha, START
P570

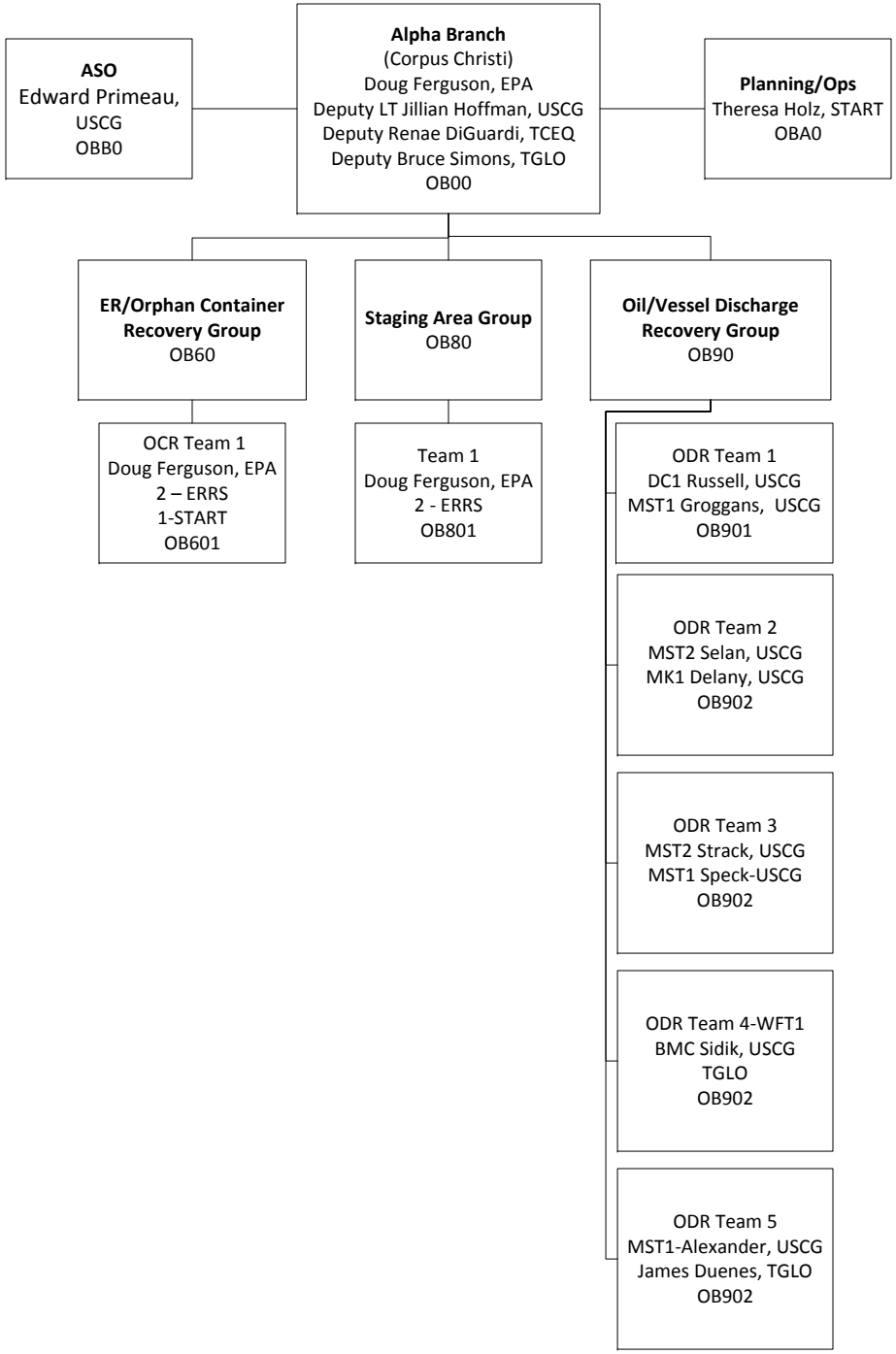
GIS Specialist
Cody Bingham, START
P560

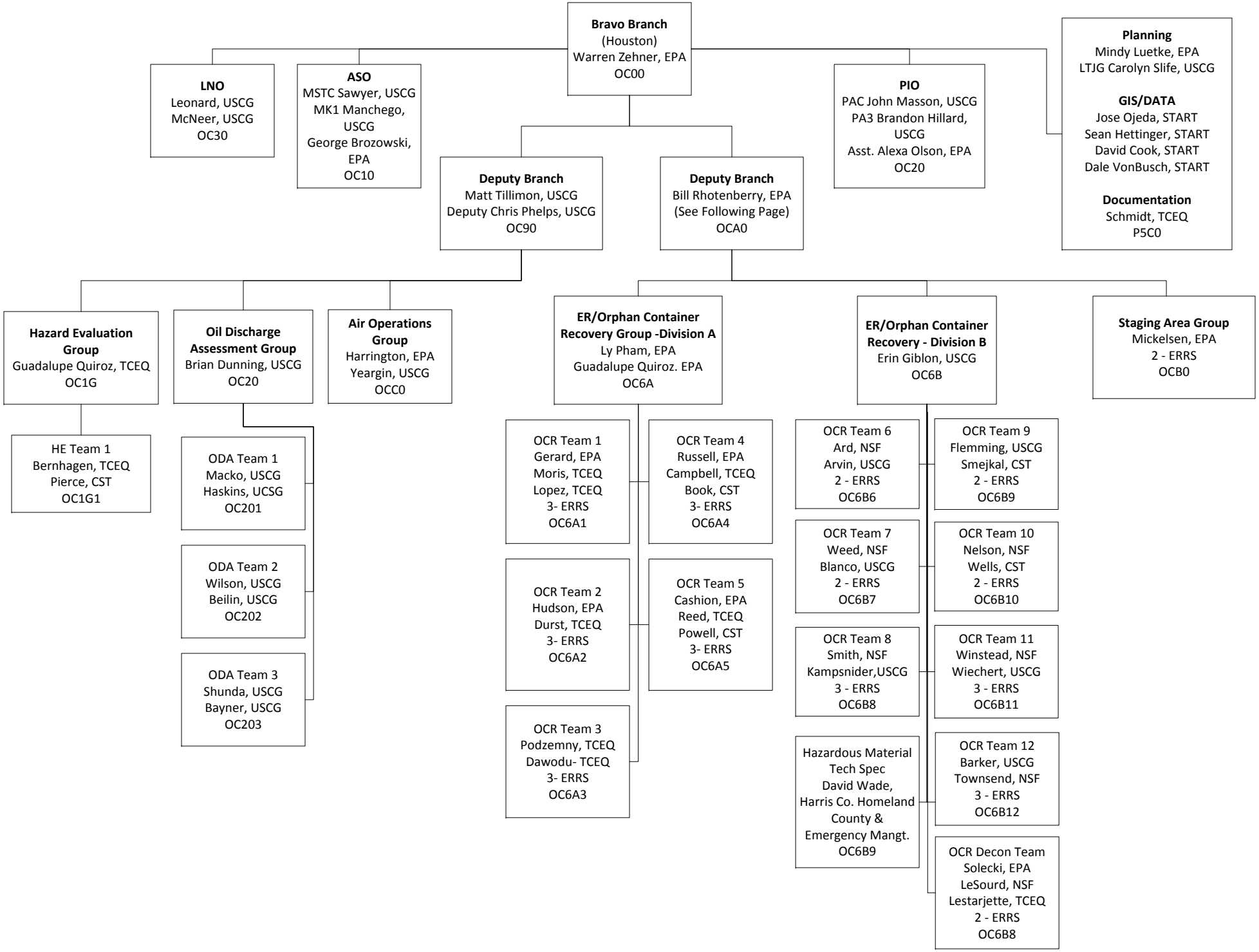
Demobilization Unit
MST2 Stephen McConnell
PS40

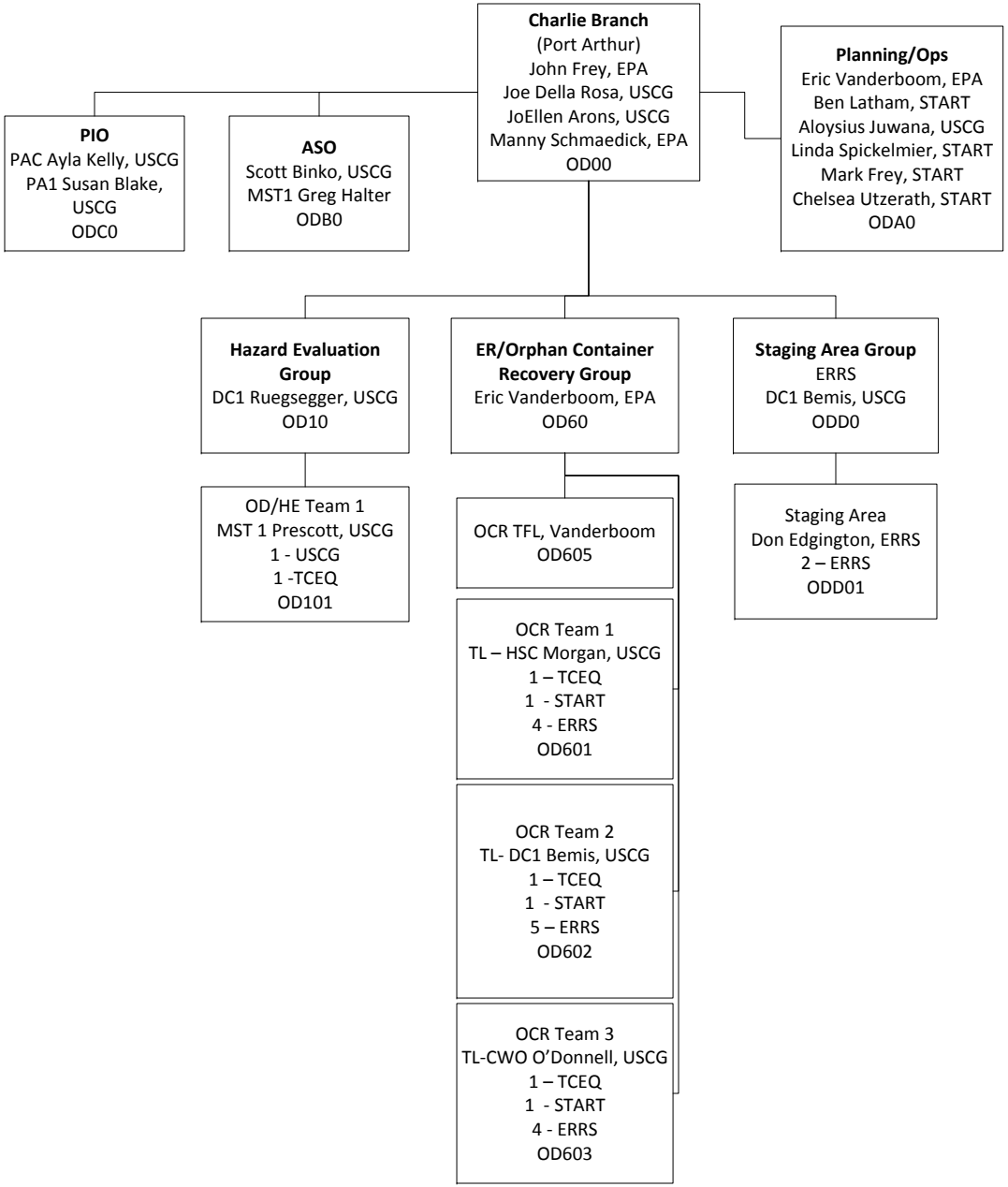
Logistics Section
Eric Paisley
David Mergentnolar, USCG
Michael Dougherty, USCG
Terry Sullivan, TCEQ
L300

Finance Section
Rob Martin, USCG
Michael Cavanaugh, USCG
F200

Cost & Time Unit
Chris Gibson, USCG


ASO
Edward Primeau,
USCG
OBB0
Alpha Branch
(Corpus Christi)
Doug Ferguson, EPA
Deputy LT Jillian Hoffman, USCG
Deputy Renae DiGuardi, TCEQ
Deputy Bruce Simons, TGLO
OB00
Planning/Ops
Theresa Holz, START
OBA0
ER/Orphan Container Recovery Group
OB60
Staging Area Group
OB80
Oil/Vessel Discharge Recovery Group
OB90
OCR Team 1
Doug Ferguson, EPA
2 – ERRS
1-START
OB601
Team 1
Doug Ferguson, EPA
2 - ERRS
OB801
ODR Team 1
DC1 Russell, USCG
MST1 Groggans, USCG
OB901
ODR Team 2
MST2 Selan, USCG
MK1 Delany, USCG
OB902
ODR Team 3
MST2 Strack, USCG
MST1 Speck-USCG
OB902
ODR Team 4-WFT1
BMC Sidik, USCG
TGLO
OB902
ODR Team 5
MST1-Alexander, USCG
James Duenes, TGLO
OB902


Bravo Branch
(Houston)
Warren Zehner, EPA
OC00
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 Group
Guadalupe Quiroz, TCEQ
OC1G
HE Team 1
Bernhagen, TCEQ
Pierce, CST
OC1G1
Oil Discharge Assessment Group
Brian Dunning, USCG
OC20
ODA Team 1
Macko, USCG
Haskins, UCSG
OC201
ODA Team 2
Wilson, USCG
Beilin, USCG
OC202
ODA Team 3
Shunda, USCG
Bayner, USCG
OC203
Air Operations Group
Harrington, EPA
Yeargin, USCG
OCC0
ER/Orphan Container Recovery Group -Division A
Ly Pham, EPA
Guadalupe Quiroz. EPA
OC6A
OCR Team 1
Gerard, EPA
Moris, TCEQ
Lopez, TCEQ
3- ERRS
OC6A1
OCR Team 2
Hudson, EPA
Durst, TCEQ
3- ERRS
OC6A2
OCR Team 3
Podzemny, TCEQ
Dawodu- TCEQ
3- ERRS
OC6A3
OCR Team 4
Russell, EPA
Campbell, TCEQ
Book, CST
3- ERRS
OC6A4
OCR Team 5
Cashion, EPA
Reed, TCEQ
Powell, CST
3- ERRS
OC6A5
ER/Orphan Container Recovery - Division B
Erin Giblon, USCG
OC6B
OCR Team 6
Ard, NSF
Arvin, USCG
2 - ERRS
OC6B6
OCR Team 7
Weed, NSF
Blanco, USCG
2 - ERRS
OC6B7
OCR Team 8
Smith, NSF
Kampsnider,USCG
3 - ERRS
OC6B8
Hazardous Material Tech Spec
David Wade,
Harris Co. Homeland County &
Emergency Mangt.
OC6B9
OCR Team 9
Flemming, USCG
Smejkal, CST
2 - ERRS
OC6B9
OCR Team 10
Nelson, NSF
Wells, CST
2 - ERRS
OC6B10
OCR Team 11
Winstead, NSF
Wiechert, USCG
3 - ERRS
OC6B11
OCR Team 12
Barker, USCG
Townsend, NSF
3 - ERRS
OC6B12
OCR Decon Team
Solecki, EPA
LeSourd, NSF
Lestarjette, TCEQ
2 - ERRS
OC6B8
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
DC1 Ruegsegger, USCG
OD10
ER/Orphan Container Recovery Group
Eric Vanderboom, EPA
OD60
Staging Area Group
ERRS
DC1 Bemis, USCG
ODD0
OD/HE Team 1
MST 1 Prescott, USCG
1 - USCG
1 -TCEQ
OD101
OCR TFL, Vanderboom
OD605
OCR Team 1
TL – HSC Morgan, USCG
1 – TCEQ
1 - START
4 - ERRS
OD601
OCR Team 2
TL- DC1 Bemis, USCG
1 – TCEQ
1 - START
5 – ERRS
OD602
OCR Team 3
TL-CWO O'Donnell, USCG
1 – TCEQ
1 - START
4 - ERRS
OD603
Staging Area
Don Edgington, ERRS
2 – ERRS
ODD01

1. Incident Name:	2. Operational Period: (Date / Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/16/17@ 0700 To: 09/17/17@ 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 Director:	DOUG FERGUSON DEPUTY JILLIAN HOFFMAN DEPUTY BRUCE SIMONS 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	DC1 RUSSELL	206-403-8483	2	Hourly	☐
ODR 2	MST2 SELAN	757-652-7753	2	Hourly	☐
ODR 3	MST1 SPRECK	907-891-5191	2	Hourly	☐
ODR 4	BMC SIDIK	631-664-4687	2	Hourly	☐
ODR 5 (24/7 Duty Pollution Response)	MST1 ALEXANDER-CG JAMES DUENES-TGLO	361-533-7166 361-825-3303	2	Report to Sector CC as required or appropriate command	ODR 2 (24/7 Duty Pollution Response)

7. Work Assignments:

ODR 1 – Assess salvage operations of SIGNET ENTERPRISE at Aransas Pass and assess pollution reports as notified.
Team – MST1 Goggans, DC1 Russell
ODR 2 - Assess targets in areas 1, 2 and 4. Prioritize threats to the environment for removal.
Team 1 –, MST2 Selan, MK1 Delaney
ODR 3 – Assess targets in areas 3, 5 and 6. Also. Prioritize threats to the environment for removal.
Team 2 – MST2 Strack, MST1 Speck.
ODR 4-WFT1 – Assess targets via boat in TGLO high priority areas. BMC Sidik and TGLO
ODR 5 - 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 (LT Hoffman-860-777-6534) of any discharges after hours.
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 251-533-8438

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: (214) 789-8383 / SITL 361-236-2510			

10. Prepared by:	(Date / Time)	11. Reviewed by: (PSC)	(Date / Time)	12. Reviewed by: (OPS)	(Date / Time)
MK1 Charles Smith	9/15/17 1700	Maggie Waldon CWO Pete Gollnick	9/15/17 9/15/17	Joe Davis	9/15/17

1. Incident Name:	2. Operational Period: (Date / Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09-16-17 @ 0700 To: 09-17-17 @ 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 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	
OCR Team 1	Doug Ferguson – EPA 2-ERRS 1-START	913-669-5482	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	9/15/17 1600	Maggie Waldon CWO Pete Gollnick	9/15/17 9/15/17	Joe Davis	9/15/17

1. Incident Name:	2. Operational Period: (Date /Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09-16-17 @ 0700 To: 09-17-17 @ 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	9/15/17 1500	Maggie Waldon CWO Pete Gollnick	9/15/17 9/15/17	Joe Davis	9/15/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/16/17 @ 0700 To: 09/17/17 @ 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 Melinda Luetke 9/15/17	Maggie Waldon 9/15/17 CWO Pete Gollnick 9/15/17	Joe Davis 9/15/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/16/17 @ 0700 To: 09/17/17 @ 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 Melinda Luetke	9/15/17	Maggie Waldon CWO Pete Gollnick	9/15/17 9/15/17	Joe Davis	9/15/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/16/17 @ 0700 To: 09/17/17 @ 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:	LY PHAM GUADALUPE QUIROZ	TCEQ TCEQ	832-228-1959 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	
OCR Team 1	Gerard – EPA Morris – TCEQ Lopez – TCEQ	702-501-8036 816- 830-8528 713-542-9870	3 3 EPA ERRS	Every 2 hours	☐
OCR Team 2	Hudson – EPA Durst – TCEQ	513-967-3315 806-570-5013	2 3 EPA ERRS	Every 2 hours	☐
OCR Team 3	Podzemny – TCEQ Dawodu – TCEQ	806-468-0519 281-386-8667	2 3 EPA ERRS	Every 2 hours	☐
OCR Team 4	Russell – EPA Campbell – TCEQ Book – 6th CST	816-446-0713 979-482-7397 512-233-9330	3 3 EPA ERRS	Every 2 hours	☐
OCR Team 5	Cashion – EPA Reed – TCEQ Powell – 6th CST	314-603-8027 512-639-4958 512-233-9331	3 3 EPA ERRS	Every 2 hours	☐

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 1-3: Land- based recovery operations at designated targets. Report to Guadalupe Quiroz at 713-409-2517.

OCR Teams 4-5: Land- based reconnaissance activities at designated targets to assess the potential need for specialized response equipment. Report to Ly Pham at 832-228-1959.

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/Guadalupe Quiroz, TCEQ 713-409-2517/ 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 Melinda Luetke	9/15/17	Maggie Waldon CWO Pete Gollnick	9/15/17 9/15/17	Joe Davis	9/15/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/16/17 @ 0700 To: 09/17/17 @ 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:	ERIN GIBLON	USCG	251-285-8023

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 6	Ard – NSF Irvin – USCG	251-978-8425	2/ 2 EPA ERRS	As needed with support boat	☐
OCR Team 7	Weed – NSF Blanco – USCG	401-290-7605 591-500-0365	2/ 2 EPA ERRS	As needed with support boat	☐
OCR Team 8	Smith (GST) – NSF Kampsnider – USCG	251-487-8543 797-058-0698	2/ 3 EPA ERRS	Every 2 hours	☐
OCR Team 9	Flemming – USCG Smejkal – 6th CST	512-233-9321	2/ 2 EPA ERRS	As needed with support boat	☐
OCR Team 10	Nelson – USCG Wells – 6th CST	228-365-7536 512-233-9339	2/ 2 EPA ERRS	As needed with support boat	☐
OCR Team 11	Winstead – NSF Wiechert – USCG	252-945-5775 513-503-6245	2/ 3 EPA ERRS	Every 2 hours	☐
OCR Team 12	Barker – USCG Townsend – NSF	757-506-6865 205-706-1791	2/ 3 EPA ERRS	Every 2 hours	☐
Decon Team	Solecki – EPA LeSourd – NSF Lestarjette – TCEQ	908-420-4501 619-888-3783 832-444-3408	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 6-8: Water- based recovery operations at designated targets in Houston Ship Channel, upper San Jacinto Bay, Scott Bay. OCR 8 will be support boat. **Report to River Terrace Park Launch Road in Channelview at 0700.**

OCR Team 9-12: Water- based recovery operations at designated marshland targets in Galveston Bay and IVO Galveston and Bolivar. OCR 11 and 12 will be support boats. **Report to Offatt's Bayou (1600 61st, Galveston, TX) at 0700.**

Decon Team: Decon operations report to **River Terrace Park Launch Road** 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 Giblon, 251-285-8023

10. Prepared by: (RESL)	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
EPA Melinda Luetke	9/15/17	Maggie Waldon CWO Pete Gollnick	9/15/17 9/15/17	Joe Davis	9/15/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/16/17 @ 0700 To: 09/17/17 @ 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:	ERIN GIBLON	USCG	251-285-8023

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 6	Ard – NSF Irvin – USCG	251-978-8425	2/ 2 EPA ERRS	As needed with support boat	☐
OCR Team 7	Weed – NSF Blanco – USCG	401-290-7605 591-500-0365	2/ 2 EPA ERRS	As needed with support boat	☐
OCR Team 8	Smith (GST) – NSF Kampsnider – USCG	251-487-8543 797-058-0698	2/ 3 EPA ERRS	Every 2 hours	☐
OCR Team 9	Flemming – USCG Smejkal – 6th CST	512-233-9321	2/ 2 EPA ERRS	As needed with support boat	☐
OCR Team 10	Nelson – USCG Wells – 6th CST	228-365-7536 512-233-9339	2/ 2 EPA ERRS	As needed with support boat	☐
OCR Team 11	Winstead – NSF Wiechert – USCG	252-945-5775 513-503-6245	2/ 3 EPA ERRS	Every 2 hours	☐
OCR Team 12	Barker – USCG Townsend – NSF	757-506-6865 205-706-1791	2/ 3 EPA ERRS	Every 2 hours	☐
Decon Team	Solecki – EPA LeSourd – NSF Lestarjette – TCEQ	908-420-4501 619-888-3783 832-444-3408	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 6-8: Water- based recovery operations at designated targets in Houston Ship Channel, upper San Jacinto Bay, Scott Bay. OCR 8 will be support boat. **Report to River Terrace Park Launch Road in Channelview at 0700.**

OCR Team 9-12: Water- based recovery operations at designated marshland targets in Galveston Bay and IVO Galveston and Bolivar. OCR 11 and 12 will be support boats. **Report to Offatt's Bayou (1600 61st, Galveston, TX) at 0700.**

Decon Team: Decon operations report to **River Terrace Park Launch Road** 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 Giblon, 251-285-8023

10. Prepared by: (RESL)	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
EPA Melinda Luetke	9/15/17	Maggie Waldon CWO Pete Gollnick	9/15/17 9/15/17	Joe Davis	9/15/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/16/17 @ 0700 To: 09/17/17 @ 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	Bernhagen – TCEQ Pierce – 6th CST	512-233-9332	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	9/15/17	Maggie Waldon CWO Pete Gollnick	9/15/17 9/15/17	Joe Davis	9/15/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/16/17 @0700 To: 09/17/17 @ 0700	

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

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:	JASON YBARRA DEPUTY CARLOS ROMO	TCEQ TCEQ	713-409-2991 713-767-3503

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	

7. Work Assignments:

No activities planned for this operational period; activities are scheduled to resume on Monday, September 18, 2017.

8. Special Instructions:

N/A; No activities planned for this operational period.

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 Carlos Romo, TCEQ 713-767-3503

10. Prepared by: (RESL)	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
TCEQ Quiroz	9/15/17	Maggie Waldon CWO Pete Gollnick	9/15/17 9/15/17	Joe Davis	9/15/17

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: 09/16/17 @ 0700 To: 09/17/17 @ 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	Haskins – USCG Macko – USCG	714-319-8764 610-248-2311	2	Every 2 hours	☐
ODA 2	Wilson – USCG Beilin – NSF	718-483-4801 347-545-1283	2	Every 2 hours	☐
ODA 3	Shunda – USCG Bayner – USCG	908-209-8564 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.

ODA 1: Conduct facility site visits to verify cleanup efforts in specified targeted grids throughout BRAVO's operational areas to close out targets.

ODA 2: Standby NRC Team.

ODA 3: Standby staging and salvage team.

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 the **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 / Dunning, USCG 305-587-5701

10. Prepared by: (RESL)	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
EPA Melinda Luetke	9/15/17	Maggie Waldon CWO Pete Gollnick	9/15/17 9/15/17	Joe Davis	9/15/17

1. Incident Name:	2. Operational Period: (Date / Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/16/17 @ 0700 To: 09/17/17 @ 0700	

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

7. Work Assignments:

No activities this operational period. Salvage operations are scheduled to begin next week.

8. Special Instructions:

N/A; No activities this operational period.

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 Melinda Luetke 9/15/17	Maggie Waldon 9/15/17 CWO Pete Gollnick 9/15/17	Joe Davis 9/15/17

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: 09-16-17 @ 0700 To: 09-17-17 @ 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	EPA	816-718-4279
Branch Director:	JOHN FREY DEPUTY JO ARONS	EPA USCG	816-807-8805 609-351-8503
Division/Group Supervisor/STAM:	DC1 BEMIS	USCG	251-923-6977

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 2- ERRS	251-406-0220	2	Respond from Branch CP location	☐
					☐
					☐
					☐

7. Work Assignments:

Segregate and stage orphan containers brought to the pad, maintain pad and BMP's.

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 – 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	09/15/17	Maggie Waldon CWO Pete Gollnick	9/15/17 9/15/17	Joe Davis	9/15/17

1. Incident Name:	2. Operational Period: (Date / Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09-16-17 @ 0700 To: 09-17-17 @ 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	EPA	816-718-4279
OPBD CHARLIE:	JOHN FREY JOE DELLA ROSA/JO ARONS	EPA USCG	816-807-8805 609-351-8503
DIVS	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	
OD/HE 1	Leader - MST 1 Prescott 1 - USCG 1 - TCEQ	912-286-0393	2	NRC Reports	☐
					☐
					☐
					☐

7. Work Assignments:

HE 1 - Identify locations that were reported on the NRC reports to verify if targets have been removed or to determine if they do not meet the requirements of the ESF10/DPN.

Assume the duties of the Oil Discharge Assessment team and respond to any reports of oil discharges.
***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):

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 Matthew Ruegsegger	09/15/17	Maggie Waldon CWO Pete Gollnick	9/15/17 9/15/17	Joe Davis	9/15/17

1. Incident Name:	2. Operational Period: (Date / Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09-16-17 @ 0700 To: 09-17-17 @ 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	EPA	816-718-4279
Branch Director:	JOHN FREY DEPUTY JO ARONS	EPA USCG	816-807-8805 609-351-8503
Division/Group Supervisor/STAM:	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	
OCR TFL	1-EPA (OSC Vanderboom)	208-530-3180			☐
OCR 1	Team Lead - HSC Morgan 1 – USCG 1 - TCEQ 1 – START 4 – ERRS	860-912-3249	7	Water side recovery	☐
OCR 2	Team Lead - DC1 Bemis 1 – USCG 1 - TCEQ 1 – START 5 – ERRS	251-923-6977	8	Land based recovery utilizing flat bed truck, skid steer, and ERS contractors.	☐
OCR 3	Team Lead - CWO Odonnell 1 – USCG 1 - TCEQ 1 – START 4 – ERRS	251-421-1891	7	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.**

OCR 1- Pick up targets via waterside, utilizing 26 foot ERRS vessel and two air boats.

OCR 2 and OCR 3 - conduct a land based recovery of targets utilizing flatbed trucks, skid steers, and ERRS contractors.

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 – DC1 RUEGSEGGER – 510-604-8506

10. Prepared by: (RESL)	(Date / Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
DC1 Matthew Ruegsegger	09/15/17	Maggie Waldon CWO Pete Gollnick	9/15/17 9/15/17	Joe Davis	9/15/17

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
Blake	Susan	Public Information Officer	USCG	646-413-9888
Bosman	Julie	Resources Unit Leader	USCG	810-531-6319
Brock	Bob	Deputy Incident Commander - Charlie	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
Burroughs	Jacob	Alpha Branch FOSCR	USCG	252-312-5395
Butler	Simone	Documentation Unit Leader	TGLO	361-695-6661
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-Houston	START	512-970-8836
Cox	Nate	Public Information Officer	USCG	808-426-6340
Crawford	Robert	Alpha Operations Team Member	ERRS-SWS	601-27-7891
Davis	Daniel	Deputy Operations Section Chief	TGLO	361-438-4916
Davis	Joe	Operations Section Chief	EPA	816-718-4279
Davis	Rebecca	Finance Section Chief	USCG	706-506-8625
Diguardi	Renae	Alpha Branch Director	TCEQ	361-537-7917
Dougherty	Michael	Deputy Logistics Section Chief	USCG	860-984-5307
Dueñes	James	Alpha Operatons Team Member	TGLO	361-438-2593
Dulany	Austin	Alpha Operatons Team Leader	TGLO	361-438-4914
Eppler	David	Safety Officer	EPA	214-733-4676
Eubanks	Alden	Assistant Resource	USCG	517-902-7760
Ferentz	Joseph	Hazard Assessment Team	START	770-500-6065
Ferguson	Doug	Alpha Branch Chief	EPA	913-669-5482
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

Last	First	Incident Position	Agency	Phone
Fuller	Kris	Data Management Tech Specialist	START - Weston	972-754-4715
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
Good	Gena	EPA Docs	START	603-661-6243
Green	Luke	Alpha Operatons Team Leader	USCG	251-259-8903
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
Kennedy	Aisha	Situation Unit Leader	EPA	415-972-3301
Kerr	Michelle	Community Liason	EPA	312-886-8961
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 - Charlie	START	972-213-6618
Lehmann	Steve	Environmental Unit	NOAA	617-877-2806
Leonova	Larisa	Environmental Unit	EPA	202-578-0048
Logazino	Marc	Alpha Operatons Team Member	ERRS-SWS	870-331-5112
Martin	Rob	Finance Section Chief	USCG	415-302-8855
Martinez	Jimmy	Incident Commander	TGLO	361-438-3833
McDaniel	Frank	Alpha Operatons Team Member	TGLO	361-903-4988
McDowell	Justin	Situation Unit Leader	EPA	601-248-1271
Mergentholer	David	Logistics Section Chief	USCG	716-465-0002
Moore	Gary	Incident Commander	EPA	214-789-1627
Nunez	Alex	Environmental Unit	TPWD	361-658-3181
Ohs	Matthew	Operations	AP	501-681-7633
Olson	Alexandra	Public Information Officer	EPA	503-867-3183
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
Quintana Hernandez	Lyndsey	Alpha Branch Pollution Responder	USCG	281-825-2954
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
Russell	Stephen	Alpha Operatons Team Member	USCG	206-403-8483
Simcox	Robert	Alpha Operatons Team Member	USCG	774-929-0763
Simons	Bruce	Alpha Operatons Team Member	TGLO	361-438-0379
Smith	Charles	Alpha Operatons Team Member	USCG	251-487-6681
Smith	Jimmy	Alpha Branch Director	USCG	251-644-1785
Stanley	Shawn	Alpha Operatons Team Member	USCG	609-287-5137

Last	First	Incident Position	Agency	Phone
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
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
Valentine	Maggie	Resources	START	907-538-7699
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
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	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	09/15/17 1700	Edward Primeau	15 Sep 2017/1900

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	15 Sep 2017/1500	Edward Primeau	15 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	15 Sep 2017/1505	Edward Primeau	15 Sep 2017/1505

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

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	15 Sep 2017/1515	Scott Binko	15 Sep 2017/1500

1. Incident Name Hurricane Harvey – ESF 10 Texas	2. Operational Period (Date/Time) From: 16 SEP 17 @ 0700 To: 17 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
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	**15 SEP 2017 1800**

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