From: Waldon, MARGARET
Sent: Wednesday, September 20, 2017 8:31 PM
To: Moore, Gary; Christopher.Wiatrek@tceq.texas.gov; Jimmy.A.Martinez@GLO.TEXAS.GOV; 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; 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; David.Crow@WestonSolutions.com; '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; jey9 @cdc.gov; 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; Waldon, MARGARET; Martin, John; Davis, Joe; Fisher, Susan; Ferguson, Doug; Christopher.n.phelps@uscg.mil; Olson, Alexandra; Abrams, Nancy; Esf10harveysituation@gmail.com; Davis, Michael B.; Howard, AshleyA; Tracy.N.Rainey@uscg.mil; Andrew.L.Fox@uscg.mil; Meagan.K.Bowis@uscg.mil; Johna.N.Rossetti@uscg.mil; FEMA-NRCC-ohs@fema.dhs.gov; FEMA-NRCC-ohul@fema.dhs.gov; Adam.J.Tyndale@uscg.mil; Aloysius.H.Juwana@uscg.mil; Carolyn.C.Slife@uscg.mil; Krysia.V.Pohl@uscg.mil; D08-SMB-AreaCommandWatch@uscg.mil; Erin.D.Young@uscg.mil; travis.s.collier@uscg.mil; Kenneth.L.Harvey@uscg.mil; Moore, Gary; Christopher.Wiatrek@tceq.texas.gov; Jimmy.A.Martinez@GLO.TEXAS.GOV; 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; 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; David.Crow@WestonSolutions.com; '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; jey9 @cdc.gov; 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; Waldon, MARGARET; Martin, John; Davis, Joe; Fisher, Susan; Ferguson, Doug; Christopher.n.phelps@uscg.mil; Olson, Alexandra; Abrams, Nancy; Esf10harveysituation@gmail.com; Davis, Michael B.; Howard, AshleyA; Tracy.N.Rainey@uscg.mil; Andrew.L.Fox@uscg.mil; Meagan.K.Bowis@uscg.mil; Johna.N.Rossetti@uscg.mil; FEMA-NRCC-ohs@fema.dhs.gov; FEMA-NRCC-ohul@fema.dhs.gov; Adam.J.Tyndale@uscg.mil; Aloysius.H.Juwana@uscg.mil; Carolyn.C.Slife@uscg.mil; Krysia.V.Pohl@uscg.mil; D08-SMB-AreaCommandWatch@uscg.mil; Erin.D.Young@uscg.mil; travis.s.collier@uscg.mil; Kenneth.L.Harvey@uscg.mil
Subject: Hurricane Harvey ESF-10 Texas Situation Report #21 for 09-21-17 to 09-23-17
Attachments: Hurricane Harvey ESF-10 Texas Incident Action Plan #21 for 09-21-17 to 09-23-17_email.pdf

Attached is the Hurricane Harvey ESF-10 Texas Incident Action Plan #21 for 9/21-23/17. **Note the change from a 24 hr Op. Period to a 48 hr Op. Period**

7036664

Maggie Waldon, Planning Section, Hurrican Harvey Response – Corpus Christi

Maggie Waldon
OSC
USEPA Region 9
75 Hawthorne St.
San Francisco, CA 94105
415.940.1109

Hurricane Harvey
ESF – 10
Unified
Incident Action Plan
(IAP-21)

Operational Period:
Starting: 09/21/2017 @ 0700
Ending: 09/23/2017 @ 0700

1. Incident Name:	2. Operational Period: (Date/Time)	INCIDENT OBJECTIVES ICS 202 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/21/2017 @ 0700 To: 09/23/2017 @ 0700	

3. Incident Objective(s):

1. **Provide for the safety, welfare and security of response personnel.**
2. **Maximize the protection of public health, and safety.**
3. **Prioritize, monitor, mitigate and/or recover identified pollution targets. Capture recovered oil and hazmat volume data and publish in accordance with NDOW SOPs.**
4. **Identify and secure staging areas for displaced vessels.**
5. **Optimize staffing and physical footprint commensurate to the size and scope of the incident.**
6. **Maintain a common operating picture (COP).**
7. **Identify and maximize protection of environmentally sensitive areas and threatened species.**
8. **Manage a coordinated interagency response effort that reflects the composition of the Unified Command.**
9. **Maintain an IMT that can meet the long-term challenges required for incident mitigation.**
10. **Inform the public, stakeholders, and the media of response activities.**
11. **Adhere to appropriate financial accounting practices.**
12. **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		09/20/17	1845
CWO Pete Gollnick, USCG	CWO, USC	09/20/17	1824

7. Approved By (Incident Commander(s)):		(Date/Time)	
Name:	Signature:	Date:	Time:
Gary Moore, EPA		09/20/17	1840
Anthony Buck, TCEQ		09/20/17	1825
Jimmy Martinez, TGLO		09/20/17	1815
CDR Tedd Hutley, US Coast Guard		09/20/17	1919

1. Incident Name	2. Operational Period (Date/Time)	Command Direction ICS 202A-CG
Hurricane Harvey – ESF 10 Texas	From: 09-21-17 @ 0700 To: 09-23-17 @ 0700	

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

NAME OF INCIDENT: Hurricane Harvey ESF-10 Texas

OPERATIONAL PERIOD: 48 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 – Each agency shall contact their respective legal departments.
- **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.

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	09/20/2017 1800

1. Incident Name	2. Operational Period (Date/Time)	Critical Information Requirements ICS 202B
Hurricane Harvey – ESF 10 Texas	From: 09/21/2017 @ 0700 To: 09/23/2017 @ 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.)

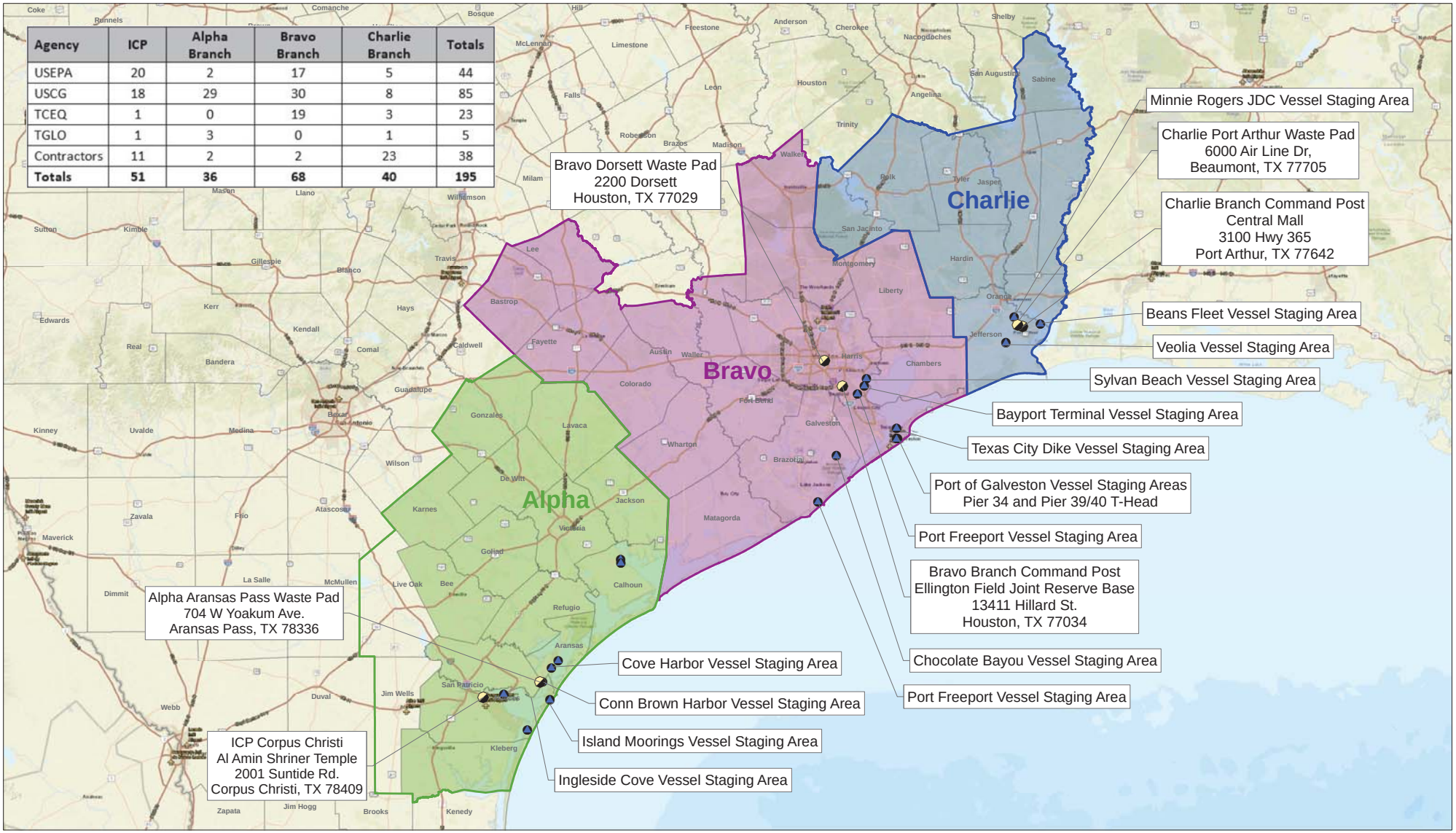
- **Accountability of personnel.**
- **Status of NDOW Targets.**
- **Environmental resources at risk as a result of the incident and response.**
- **Environmental Impact.**
- **Wildlife Impacts.**
- **Social media field observations or trends.**
- **Political interests or concerns and media interests 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	09/20/17 1800

Agency	ICP	Alpha Branch	Bravo Branch	Charlie Branch	Totals
USEPA	20	2	17	5	44
USCG	18	29	30	8	85
TCEQ	1	0	19	3	23
TGLO	1	3	0	1	5
Contractors	11	2	2	23	38
Totals	**51**	**36**	**68**	**40**	**195**



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: 6:42:26 PM 9/20/2017

FILE: D:\Harvey_ER\SPATIAL\MXD\Harvey - EPA Region 6 IAP Overview Map.mxd 6:42:26 PM 9/20/2017 Zachary.Collins

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.

Draft Revised Talking Points
9/20/2017

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

DON'T: TALK ABOUT OTHERS' WORK OR SPECULATE

- The Unified Command has an organized emergency response program which incorporates personnel from the EPA, USCG, FEMA, state, local and tribal partners.

- Safety is the Unified Command's top priority

- The Unified Command consists of the Environmental Protection Agency, the Texas Commission on Environmental Quality, Texas General Land Office and the U.S. Coast Guard.

- The Unified Command, led by the EPA, is supporting response efforts in several ways:

    - Joint EPA/TCEQ field observation teams are observing debris staging and landfill operations to ensure that best practices and program requirements are being met to support Unified Command.

    - All four Branches of the Unified Command are recovering and staging orphan containers for proper disposal.

    - EPA has deployed Community Liaison teams to provide information regarding returning to flooded areas and handling household hazardous waste. The teams are listening to concerns from the community, associated with the recovery effort, and transferring this information back through the Joint Field Office to the appropriate agency contacts.

    - EPA's TAGA vehicle has been deployed to monitor developing environmental impacts to support the Unified Command.

- The Unified Command's response teams will continue to evaluate affected areas and determine necessary actions as appropriate.

Incident Name:
Hurricane Harvey – ESF 10 Texas
Operational Period: 09/21/17 to 09/23/17
Prepared by: Maggie Valentine-Graham
Date: 09/20/17
Time: 1800

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

Liaison Officer
LCDR Melissa Owens, USCG
C160

Public Information Officer
PAC Susan Blake, USCG
C140

Safety Officer
George Brozowski, EPA
Edward Primeau, USCG
C130

Data Support Coordinator
Jeff Pritchard, EPA

Operation Section
Joe Davis, EPA
Deputy Renae DiGuardi, TCEQ
LT Jacqueline Fitch, USCG
Bruce Simons, USCG
(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
CWO Pete Gollnick, USCG
P500

Resources Unit
Maggie Valentine, START
YN1 Julie Bosman, USCG
AUX Patrick Hickey, USCG
P510

Situation Unit
Aisha Kennedy, EPA
LT Brian Churchill, USCG
AUX Kevin Cady, USCG
P520

Documentation Unit
Derek Ragon, EPA
Carla Hope, TCEQ
Simone Butler, TGLO
Gena Good, START
BM1 Carolyn Olson, USCG
P530

Data Management Unit
Ping Yang, START
P570

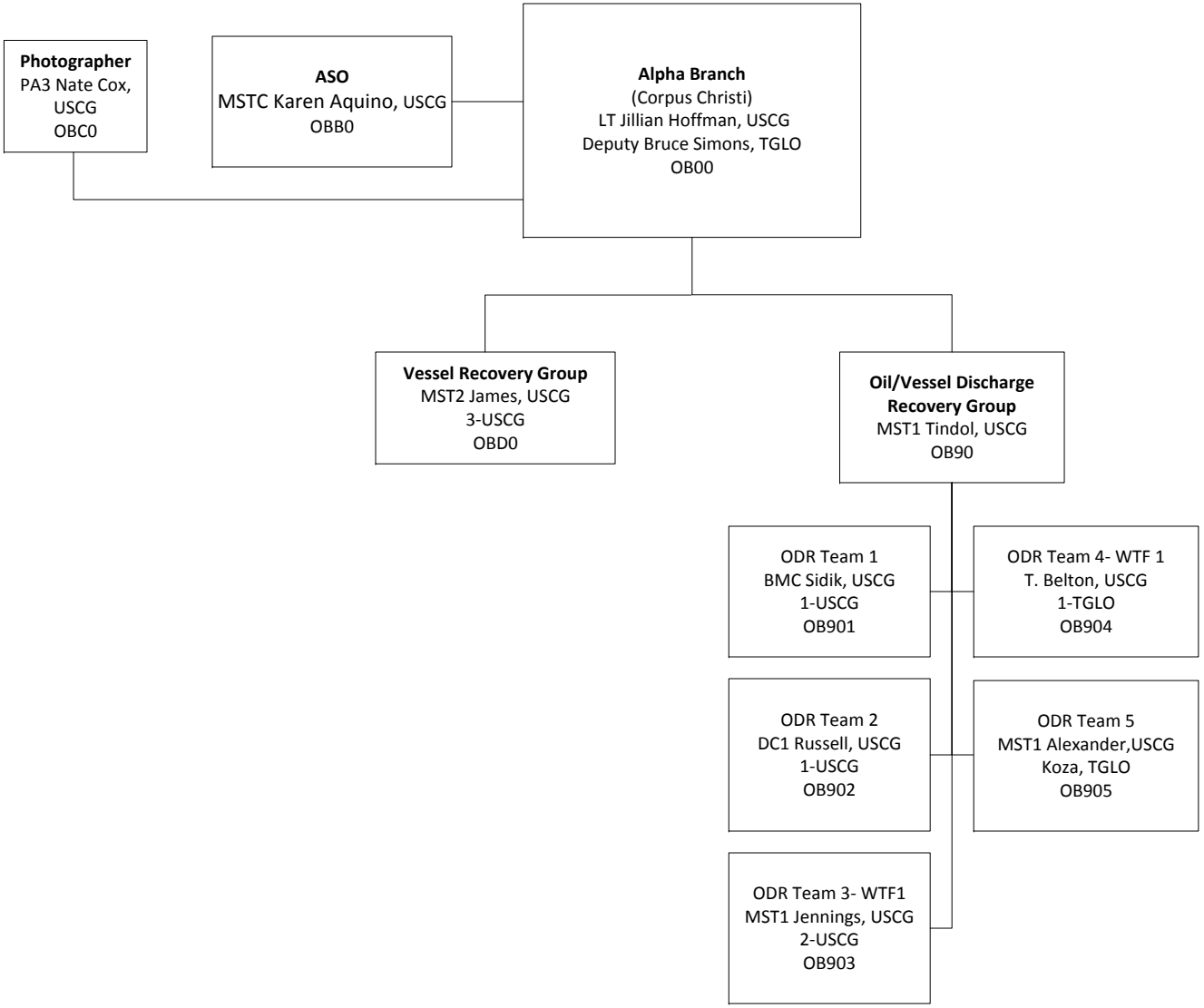
GIS Specialist
Cody Bingham, START
Zack Collins, START
P560

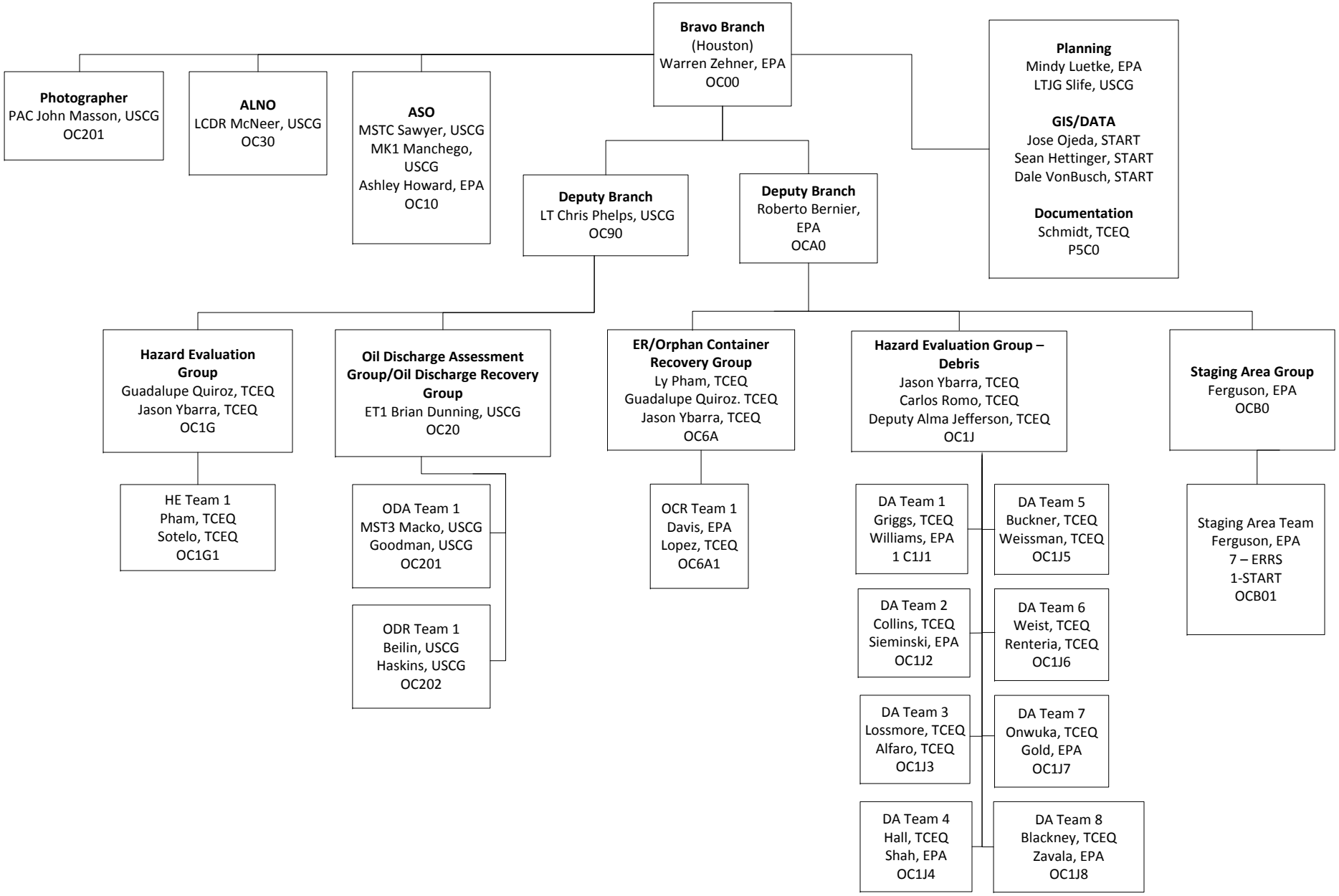
Demobilization Unit
MST2 Stephen McConnell (USCG)
Gena Good, START
(EPA, START, Other)
Tori Gomez, START
P540

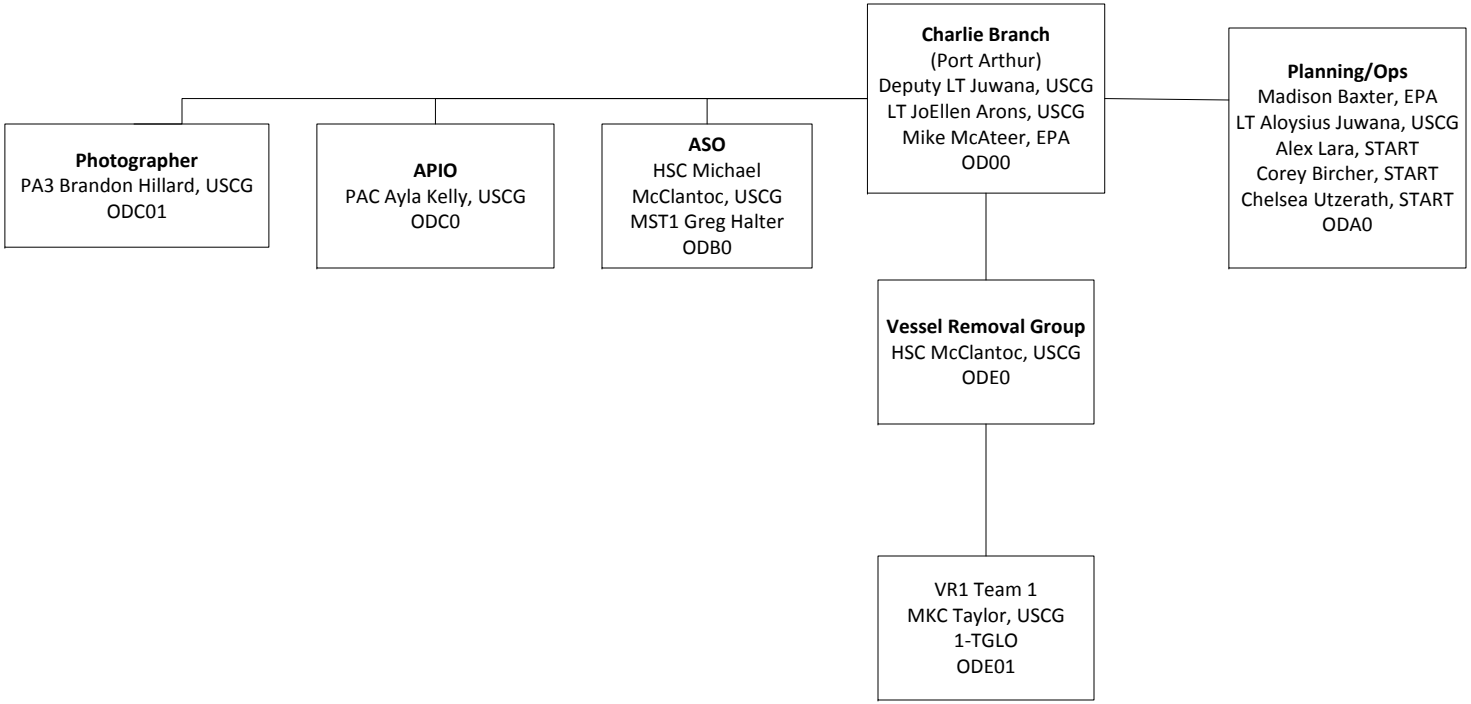
Logistics Section
LCDR Jim Erickson, USCG
CWO Sarah Case, USCG
Terry Sullivan, TCEQ
L300

Finance Section
CWO Rob Martin, USCG
Michael Cavanaugh, USCG
F200

Cost & Time Unit
MSTC Anne Marie Borkowski, USCG
F220


Photographer
PA3 Nate Cox, USCG
OBC0
ASO
MSTC Karen Aquino, USCG
OBB0
Alpha Branch
(Corpus Christi)
LT Jillian Hoffman, USCG
Deputy Bruce Simons, TGLO
OB00
Vessel Recovery Group
MST2 James, USCG
3-USCG
OBD0
Oil/Vessel Discharge Recovery Group
MST1 Tindol, USCG
OB90
ODR Team 1
BMC Sidik, USCG
1-USCG
OB901
ODR Team 4- WTF 1
T. Belton, USCG
1-TGLO
OB904
ODR Team 2
DC1 Russell, USCG
1-USCG
OB902
ODR Team 5
MST1 Alexander,USCG
Koza, TGLO
OB905
ODR Team 3- WTF1
MST1 Jennings, USCG
2-USCG
OB903


Bravo Branch
(Houston)
Warren Zehner, EPA
OC00
Photographer
PAC John Masson, USCG
OC201
ALNO
LCDR McNeer, USCG
OC30
ASO
MSTC Sawyer, USCG
MK1 Manchego, USCG
Ashley Howard, EPA
OC10
Planning
Mindy Luetke, EPA
LTJG Slife, USCG
GIS/DATA
Jose Ojeda, START
Sean Hettinger, START
Dale VonBusch, START
Documentation
Schmidt, TCEQ
P5C0
Deputy Branch
LT Chris Phelps, USCG
OC90
Deputy Branch
Roberto Bernier, EPA
OCA0
Hazard Evaluation Group
Guadalupe Quiroz, TCEQ
Jason Ybarra, TCEQ
OC1G
Oil Discharge Assessment Group/Oil Discharge Recovery Group
ET1 Brian Dunning, USCG
OC20
ER/Orphan Container Recovery Group
Ly Pham, TCEQ
Guadalupe Quiroz. TCEQ
Jason Ybarra, TCEQ
OC6A
Hazard Evaluation Group – Debris
Jason Ybarra, TCEQ
Carlos Romo, TCEQ
Deputy Alma Jefferson, TCEQ
OC1J
Staging Area Group
Ferguson, EPA
OCB0
HE Team 1
Pham, TCEQ
Sotelo, TCEQ
OC1G1
ODA Team 1
MST3 Macko, USCG
Goodman, USCG
OC201
ODR Team 1
Beilin, USCG
Haskins, USCG
OC202
OCR Team 1
Davis, EPA
Lopez, TCEQ
OC6A1
DA Team 1
Griggs, TCEQ
Williams, EPA
1 C1J1
DA Team 5
Buckner, TCEQ
Weissman, TCEQ
OC1J5
DA Team 2
Collins, TCEQ
Sieminski, EPA
OC1J2
DA Team 6
Weist, TCEQ
Renteria, TCEQ
OC1J6
DA Team 3
Lossmore, TCEQ
Alfaro, TCEQ
OC1J3
DA Team 7
Onwuka, TCEQ
Gold, EPA
OC1J7
DA Team 4
Hall, TCEQ
Shah, EPA
OC1J4
DA Team 8
Blackney, TCEQ
Zavala, EPA
OC1J8
Staging Area Team
Ferguson, EPA
7 – ERRS
1-START
OCB01


Charlie Branch
(Port Arthur)
Deputy LT Juwana, USCG
LT JoEllen Arons, USCG
Mike McAteer, EPA
OD00
Photographer
PA3 Brandon Hillard, USCG
ODC01
APIO
PAC Ayla Kelly, USCG
ODC0
ASO
HSC Michael
McClantoc, USCG
MST1 Greg Halter
ODB0
Planning/Ops
Madison Baxter, EPA
LT Aloysius Juwana, USCG
Alex Lara, START
Corey Bircher, START
Chelsea Utzerath, START
ODA0
Vessel Removal Group
HSC McClantoc, USCG
ODE0
VR1 Team 1
MKC Taylor, USCG
1-TGLO
ODE01

1. Incident Name:	2. Operational Period: (Date / Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/21/17@ 0700 To: 09/23/17@ 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:	DEPUTY JILLIAN HOFFMAN DEPUTY BRUCE SIMONS	USCG TGLO	251-533-8438 361-438-0379

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	BMC SIDIK	631-664-4687	2	Hourly	
ODR 2	DC1 RUSSELL	206-403-8483	2	Hourly	
ODR 3- WTF 1	MST1 JENNINGS	216-392-2100	2	Hourly	
ODR 4- WTF 2	TONY BELTON	361-746-8391	2	TGLO	
ODR 5- (24/7 Duty Pollution Response)	MST1 ALEXANDER-CG BRENT KOZA-TGLO	361-533-7166 361-825-3303	2	Report to Sector CC as required or appropriate command	ODR 2 (24/7 Duty Response)Pollution

7. Work Assignments:

ODR 1- Monitor targets in areas 1. Prioritize threats to the environment for removal
ODR 2 - Monitor targets in areas 3. Prioritize threats to the environment for removal.
ODR 3 WTF 1 - Monitor targets via boat in TGLO high priority areas and notify vessel owners by way of official notice placards.
ODR 4 WTF 2- Monitor targets in Harbor of Refuge. Prioritize threats to the environment for removal
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. TGLO Vessel Owner Hotline 1.877.458.9377

8. Special Instructions:

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. Poison Control 1-800-222-1222. Take shelter when you hear thunder; stay sheltered for at least 30 min after the last sound of thunder. There may be burning of debris – stay out of the smoke plume.
Address any Safety concerns to MSTC Karen Aquino, 757-773-3032. **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 USCG (757) 773-3032 / 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)
MST1 Bret Tindol	9/20/17 1700	Maggie Waldon CWO Pete Gollnick	9/20/17 9/20/17	Joe Davis	9/20/17

1. Incident Name:	2. Operational Period: (Date / Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/21/17@ 0700 To: 09/23/17@ 0700	

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

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director:	DEPUTY JILLIAN HOFFMAN DEPUTY BRUCE SIMONS	USCG TGLO	251-533-8438 361-438-4916

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	
VRG 1	MST2 JAMES	252-339-6667	3 1-TGLO	Hourly	☐
					☐
					☐
					☐

7. Work Assignments:

VRG 1 – Conduct contractor safety and oversight of Dive OPS at Conn Brown Harbor.

ALL TEAMS: If approached while in the field by a vessel owner/operator having questions in regards to their vessel have them contact the TGLO Vessel Owner Hotline. 1.877.458.9377

8. Special Instructions:

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. Required PPE includes life jacket (on or near the water) or high visibility vest, hard hat, safety glasses, safety toed shoes. Read and sign the Dive Safety Plan Acknowledgement Sheet. Comply with Dive Supervisor's instructions. Address any Safety concerns to MSTC Karen Aquino, 757-773-3032. **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 USCG (757) 773-3032 / 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)
MST1 Tindol 9/20/17 1700	Maggie Waldon 9/20/17 CWO Pete Gollnick 9/20/17	Joe Davis 9/20/17

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: 09/21/17 @ 0700 To: 09/23/17 @ 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 ROBERTO BERNIER	EPA EPA	214-789-1585 214-212-4304

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	Ferguson – EPA Zehner - EPA	913-669-5482 214-789-1585	2 EPA 7 ERRS 1 START	Report as needed	☐

7. Work Assignments:

Preparing for T&D of orphan containers at the Bravo pad located at 2200 Dorsett Street in Houston.
To 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. HAZCAT containers for T&D.

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 / Roberto Bernier, EPA 214-665-8376

10. Prepared by: (RESL) (Date/Time)	11. Reviewed by: (PSC) (Date/Time)	12. Reviewed by: (OPS) (Date/Time)
EPA Mike Davis 9/20/17	Maggie Waldon 9/20/17 LT Brandon Aten 9/20/17	Joe Davis 9/20/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/21/17 @ 0700 To: 09/23/17 @ 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 CHRIS PHELPS	EPA USCG	214-789-1585 850-748-3809
Group Supervisor:	GUADALUPE QUIROZ JASON YBARRA	TCEQ TCEQ	713-409-2517 713-409-2991

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	Pham – TCEQ Sotelo – TCEQ	832-228-1959 713-540-8603	2	Every 2 hours	☐

7. Work Assignments:

STANDBY TEAM - 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)
Mike Davis	09/20/17	Maggie Waldon LT Brandon Aten	9/20/17 9/20/17	Joe Davis	9/20/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/21/17 @0700 To: 09/23/17 @ 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 ROBERTO BERNIER	EPA EPA	214-789-1585 214-212-4304
Group Supervisor:	JASON YBARRA DEPUTY CARLOS ROMO DEPUTY ALMA JEFFERSON	TCEQ TCEQ TCEQ	713-409-2991 713-767-3503 713-767-3605

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	
DAT 1	Griggs – TCEQ Williams – EPA	713-767-3724 281-983-2150	2	Report as needed	☐
DAT 2	Collins – TCEQ Sieminski - EPA	713-422-8915 214.665.8062	2	Report as needed	☐
DAT 3	Loosmore – TCEQ Alfaro - TCEQ	713-767-3706	2	Report as needed	☐
DAT 4	Hall – TCEQ Shah – EPA	713-767-3702 214 665-6457	2	Report as needed	☐
DAT 5	Buckner – TCEQ Weissman – TCEQ	713-767-3696 713-767-3674	2	Report as needed	☐
DAT 6	Weist - TCEQ Renteria - TCEQ	713-767-3656	2	Report as needed	☐
DAT 7	Onwuka – TCEQ Gold - EPA	281-983-2153	2	Report as needed	☐
DAT 8	Blackney - TCEQ Zavala – EPA	206-304-8829	2	Report as needed	☐

7. Work Assignments:

DAT 1-8: Conduct land-based site visits at temporary debris management sites in impacted areas. Submit field observations and documentation on the visits to group supervisor. All teams must daily complete a 214B to document team field activities. Report to Carlos Romo 713-767-3503. Report at 9:00 am to TCEQ Houston, 5425 Polk Street, Suite H, Houston, TX 77023.

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 Carlos Romo, TCEQ 713-767-3503

10. Prepared by: (RESL)	(Date/Time)	11. Reviewed by: (PSC)	(Date/Time)	12. Reviewed by: (OPS)	(Date/Time)
Mike Davis	9/20/17	Maggie Waldon CWO Pete Gollnick	9/20/17 9/20/17	Joe Davis	9/20/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/21/17 @ 0700 To: 09/23/17 @ 0700	

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

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 ROBERTO BERNIER	EPA EPA	214-789-1585 214-212-4304
Division Supervisor:	LY PHAM GUADALUPE QUIROZ JASON YBARRA	TCEQ TCEQ TCEQ	832-228-1959 713-409-2517 713-409-2991

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	Davis – EPA Lopez – TCEQ	816-682-5906 713-542-9870	2	Every 2 hours	☐

7. Work Assignments:

STANDBY OCR Team. NO KNOWN TARGETS.

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: STANDBY ONLY. Report to Guadalupe Quiroz at 713-409-2517.

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 Mike Davis	9/20/17	Maggie Waldon LT Brandon Aten	9/20/17 9/20/17	Joe Davis	9/20/17

1. Incident Name:	2. Operational Period: (Date/Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09/21/17 @ 0700 To: 09/23/17 @ 0700	

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

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY LT JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director:	WARREN ZEHNER DEPUTY CHRIS PHELPS	EPA USCG	214-789-1585 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	Goodman – USCG Macko - USCG	248-660-7607	2	Every 2 hours	☐
ODR 1	Beilin - USCG Haskins - USCG	714-319-8764	2	Every 2 hours	☐
					☐

7. Work Assignments:

ODA 1: Standby Discharge Assessment Team.
ODR 1: Standby Discharge Recovery Team.

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.
If approached while in the field by a vessel owner/operator having questions in regards to their vessel have them contact the TGLO Vessel Owner Hotline. 1.877.458.9377

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 Mike Davis 9/20/17	Maggie Waldon 9/20/17 CWO Pete Gollnick 9/20/17	Joe Davis 9/20/17

1. Incident Name:	2. Operational Period: (Date / Time)	ASSIGNMENT LIST ICS 204 - EPA
Hurricane Harvey – ESF 10 Texas	From: 09-21-17 @ 0700 To: 09-23-17 @ 0700	

3. Branch:	4. Division/Group/Staging:
CHARLIE	Vessel Assessment Group

5. Operations Personnel:

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief:	JOE DAVIS DEPUTY JACQUELINE FITCH	EPA USCG	816-718-4279 415-720-4170
Branch Director:	LT JOELLEN ARONS DEPUTY LT JUWANA MIKE MCATEER	USCG EPA	609-351-8503 214-354-9371
Group Supervisor:	HSC MCCLANTOC	USCG	228-437-6425

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	
VA 1	Leader - MKC Taylor 1 - USCG 1 - TGLO	858-218-4463	2	Standby for Vessel Assessment	☐
					☐
					☐

7. Work Assignments:

VA 1 - On call to support vessel follow up assessments and oversee RP vessel removal operations.

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 – GREG HALTER, CG – 910-616-7782.**
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.
ALL TEAMS: If approached while in the field by a vessel owner/operator having questions in regards to their vessel have them contact the TGLO Vessel Owner Hotline. 1.877.458.9377

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 910-616-7782 / DIVS – MKC Taylor 855-218-4463

Emergency Communications:

10. Prepared by: (RESL)	(Date / Time)	11. Reviewed by: (PSC)	(Date / Time)	12. Reviewed by: (OPS)	(Date / Time)
LT Arons	09/20/17	Maggie Walden CWO Pete Gollnick	09/20/17 09/20/17	Joe Davis	09/20/17

Last	First	Incident Position	Agency	Phone
Abreu	Aaron	Alpha Operations Team Member	USCG	(305) 766-0800
Acevedo	Janie	Liaison Officer	EPA	(469) 222-7810
Alexander	Jonathan	Alpha Operations Team Member	USCG	(281) 883-7188
Alton	Josh	Alpha Operations Team Leader	USCG	(503) 939-3816
Anderson	David	Alpha OPS	EPA	(214) 763-9069
Barnaby	Meagan	Responder	USCG	(603) 918-6607
Bemis	Anthony	Alpha Operations Team Member	USCG	(251) 680-8415
Bemis	Chistopher	Alpha Operations Team Leader	USCG	(904) 738-4785
Bingham	Cody	GIS Technical Specialist	START	(936) 499-1881
Blake	Susan	Public Information Officer	USCG	(646) 413-9888
Bolduc	Allison	Costing	USCG	(858) 472-2600
Bosman	Julie	Resources Unit Leader	USCG	(810) 531-6319
Brock	Bob	Deputy Incident Commander - Charlie	TGLO	(281) 960-5506
Brozowski	George	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
Buswell	Jessye	Pollution Responder	USCG	(608) 469-1527
Butler	Simone	Documentation Unit Leader	TGLO	(361) 695-6661
Cady	Kevin	SITL	USCG	(207) 329-9286
Case	Sarah	Administration	USCG	(757) 303-8705
Caudle	Christopher	Alpha Operations Team Member	TCEQ	(956) 454-2664
Cavanagh	Michael	Finance Section Chief	USCG	(216) 394-8400
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
Collier	Deanna	Community Liaison	EPA	(913) 961-3781
Collins	Zac	GIS	EPA	(406) 925-9134
Coppes	Bas	Salvage Master	GLOBAL	(713) 898-3317
Cox	Nate	Public Information Officer	USCG	(808) 426-6340
Crawford	Robert	Alpha Operations Team Member	ERRS-SWS	(60) 127-7891
Dalley	Gregory		USCG	(251) 525-3357
Davis	Rebecca	Finance Section Chief	USCG	(706) 506-8625
Davis	Daniel	Deputy Operations Section Chief	TGLO	(361) 438-4916
Davis	Joe	Operations Section Chief	EPA	(816) 718-4279
Delany	Alison	Operations	USCG	(267) 567-4721
DeMarco	Roland	Project Engineer	GLOBAL	(916) 531-0760
Dueǹes	James	Alpha Operations Team Member	TGLO	(361) 438-2593
Dulany	Austin	Alpha Operations Team Leader	TGLO	(361) 438-4914
Eppler	David	Safety Officer	EPA	(214) 733-4676
Erickson	James	Deputy Logistics Section Chief	USCG	(901) 606-9729
Eubanks	Alden	Assistant Resource Unit Leader	USCG	(517) 902-7760
Evans	Phyllis	Alpha Operations Team Member	USCG	(850) 225-4587
Ferentz	Joseph		START	(770) 500-6065
Ferguson	Joel	Deputy Incident Commander	USCG	(251) 680-9675
Ferguson	Doug	Alpha Branch Chief	EPA	(913) 669-5482
Fisher	Susan	Alpha Operations Team Member	EPA	(816) 718-4285
Fitch	Jacqueline	Deputy Operations Section Chief	USCG	(415) 720-4170

Last	First	Incident Position	Agency	Phone
Flores	Pablo	Surveyor/subcontractor	GLOBAL	(361) 336-7315
Font	Henry	Finance Section	USCG	(301) 848-9213
Fontes	Alexander	Surveyor/subcontractor	GLOBAL	(281) 608-4620
Forte	Richard	Alpha Branch FOSCR	USCG	(413) 841-2197
Frey	Mark	Data Management-Corpus	START - Weston	(510) 761-5655
Gibson	Chris	Finance Section	USCG	(619) 300-4322
Goggans	Walt	Alpha Operations Team Leader	USCG	(337) 349-4711
Gollnick	Peter	Planning Support	USCG	(857) 207-0376
Gomey	Tori	Planning Section	START	
Good	Gena	EPA Docs	START	(603) 661-6243
Green	Luke	Alpha Operations Team Leader	USCG	(251) 259-8903
Harris	Robert	Alpha Operations Team Member	USCG	(907) 723-3457
Harrison	Dorelle	Community Liaison	EPA	(417) 234-2941
Hatfield	Austin	Alpha Operations Team Member	USCG	(717) 575-9647
Hayes	Byron	Liaison Officer	USCG	(907) 957-0482
Hendry	Cliffton	Alpha Branch FOSCR	USCG	(704) 771-6261
Hetticher	David	Alpha Operations Team Member	USCG	(310) 713-6213
Hickey	R. Patrick	Costing	USCG	(303) 916-1713
Hoffman	Jillian	Alpha Branch Division Leader	USCG	(251) 533-8438
Holderfield	Kyle	Asst Project Manager	GLOBAL	(979) 308-7437
Holz	Theresa	Alpha Operations Team Member	START	(708) 307-5106
Hutley	Tedd	Incident Commander	USCG	(609) 351-7142
James	Weldon	Alpha Operations Team Member	USCG	(252) 339-6667
Jennings	Peter	Pollution Responder	USCG	(216) 392-2100
Kennedy	Aisha	Situation Unit Leader	EPA	(415) 972-3301
Kerr	Michelle	Community Liason	EPA	(312) 886-8961
Klein	Donna	Alpha Operations Team Member	START	(210) 488-4782
Koza	Brent	Deputy Incident Commander	TGLO	(361) 438-4928
Luschek	Robert	OPS Landfill	EPA	(859) 653-8278
Martin	Rob	Finance Section Chief	USCG	(415) 302-8855
Martinez	Jimmy	Incident Commander	TGLO	(361) 438-3833
McConnell	Stephen	Demob Unit Leader	USCG	(719) 440-9507
McDaniel	Frank	Alpha Operations Team Member	TGLO	(361) 903-4988
Moore	Gary	Incident Commander	EPA	(214) 789-1627
Nunez	Alex	Environmental Unit	TPWD	(361) 658-3181
O'Donnell	Brian	Alpha Operations Team Member	USCG	(251) 421-1891
Olsen	Carolyn	Documentation Unit Leader	USCG	(414) 899-7012
Olson	Alexandra	Public Information Officer	EPA	(503) 867-3183
Owens	Melissa	LOFR	USCG	(504) 494-1168
Palit	Ted	Community Liaison	EPA	(972) 821-2434
Parker	Colleen	Pollution Responder	USCG	(503) 819-4660
Patenio	Caeszar	Alpha Operations Team Member	USCG	(619) 300-7334
Prichard	Danny	Alpha Operations Team Member	TCEQ	(832) 236-2525
Primeau	Ed	Safety Officer	USCG	(609) 351-7148
Pritchard	Jeff	Data Support	EPA	(816) 541-0031
Quintana-Hernandez	Lyndsey	Alpha Branch Pollution Responder	USCG	(281) 825-2954
Reardon	James	Alpha Operations team member	USCG	(857) 207-5756
Ropski	Carol	Com Liason	EPA	

Last	First	Incident Position	Agency	Phone
Russell	Stephen	Alpha Operations Team Member	USCG	(206) 403-8483
Sidik	Thomas	Alpha Operatons Team Member	USCG	(631) 664-4687
Simcox	Robert	Alpha Operations Team Member	USCG	(774) 929-0763
Simons	Bruce	Alpha Operations Team Member	TGLO	(361) 438-0379
Smith	Charles	Alpha Operations Team Member	USCG	(251) 487-6681
Smith	Jimmy	Alpha Branch Director	USCG	(251) 644-1785
Speck	Brett	Alpha Operations Team Member	USCG	(907) 891-5191
Stanley	Shawn	Alpha Operations Team Member	USCG	(609) 287-5137
Strawn	Chris	IT	TCEQ	(512) 573-8263
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 Operations Team Member	USCG	(251) 423-4134
Traxler	Jonathan	Supply	USCG	(601) 543-3037
Umbrasas	Amanda	Costing	USCG	(858) 472-2900
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
Villareal	Chris	Community Liason Co-Lead	EPA	(214) 448-8670
Wagoner	Noah	Alpha Operations Team Member	USCG	(208) 819-9638
Waldon	Maggie	Planning Section Chief	EPA	(415) 940-1109
Walsh	Kerry	Alpha OPS	GLOBAL	(503) 413-9059
Walsh	Kerry	Project Manager	GLOBAL	(503) 413-9059
Walton	Steven	Information Tech	TCEQ	(210) 842-2384
Whelan	Ann	Liaison Officer	EPA	(202) 578-0048
Wiatrek	Chris	Alpha Operations Team Member	TCEQ	(512) 605-9659
Williams	Herb	Superintendent	GLOBAL	(985) 807-3375
Williams	Anthony	Alpha Team Responder	USCG	(216) 233-5357
Wortman	Evan	Alpha Operations Team Member	ERRS-SWS	(303) 518-7339
Yakusha	Vira	GIS	START	(301) 442-8471
Yarbro	Alexandria	Alpha Operations Team Member	USCG	(810) 278-5918
Arons	Joellen	Deputy Branch Director	USCG	612-865-4909
Fenwick	Ian	RESL/DOCL/TS	USCG	609-892-9782
Juwana	Aloysius	Assistant Branch Director/SITL	USCG	917-558-0284
Halter	Greg	SOFR	USCG	910-616-4782
Morgan	James	TFL	USCG	860-912-3249
Taylor	Jared	DIVS	USCG	858-218-4463
Lawrence	William	Administrative	USCG	951-237-9611
Carr	Tramontae	Logistics	USCG	336-534-1414
Zuroski	Ray	TFL	USCG	650-303-3339
Burd	Matthew	Assistant SITL/TFL	USCG	609-577-3889
Hillard	Brandon	PIO	USCG	646-369-0705
Martel	Jason	TFL	USCG	406-929-9134
McClantic	Michael	DIVS	USCG	228-437-6425
Murphy	Hanno	PR	USCG	530-927-7494
Chavalia	Isaak	FOSCR	USCG	718-689-4408
Sanders	Paul	TFL	USCG	303-507-5657

Last	First	Incident Position	Agency	Phone
Darcey	Johnny	Deputy Branch Director	TGLO	409-284-1455
Ewing	JT	State on Scene Coordinator	TGLO	409-720-9570
Underhill	Mark	Water Ops Support	TGLO	409-882-4675
Davila	Hope	Branch Director	TCEQ	409-781-0669
Pritchard	Paige	OCR Team Member	TCEQ	409-344-0060
Layton	Jillian	Documentation Specialist	TCEQ	909-728-3975
Bourg	Emily	Hazard Evaluation Team Member	TCEQ	409-748-9666
Berecz	Karen	Charlie Field Team Member	START	214-563-5347
Bay	Eric	Data Management Specialist	START	225-241-8907
Carter	Craig	Charlie Field Team Member	START	468-865-4804
Lara	Alex	Charlie Field Team Lead	START	956-466-2149
Law	Taylor	Charlie Field Team Member	START	281-755-4563
Cole	Jackie	Charlie Support Specialist	START	440-915-5422
Holekwa	Jodi	Charlie Field Team Member	START	508-642-7426
Collins	Zachary	GIS Technical Specialist	START	406-929-9139
Spickelmier	linda	Charlie Support Specialist	START	713-301-0017
Frey	John	OSC R7	EPA	816-807-8805
Houston	Pamela	Community Liaison	EPA	913-551-7699
Flores-Gregg	Paula	Community Liaison	EPA	469-583-3083
Sanders	Latonya	Community Liaison	EPA	913-551-7555
Dallemagne	Magda	Community Liaison	EPA	518-955-3447
Mohon	Mitty	Community Liaison	EPA	469-774-5369
Hays	Angela	Community Liaison	EPA	480-298-3977
Baxter	Madison	OSC R6	EPA	469-805-4961
Paisley	Eric	LOGS Ground Support Unit Leader	EPA	214-949-2965
Schuette	Megan	OSC R7	EPA	913-375-5182
Vanderboom	Eric	OSC R10	EPA	208-530-3180
McAteer	Mike	OSC R6	EPA	214-354-9371

1. Incident Name: H Hurricane Harvey ESF-10 Texas	2. Operational Period (Date / Time) From: 21 Sep 17/0700 To: 23 Sep 17/0700	**MEDICAL PLAN** **ICS 206-CG**

3. Medical Aid Stations- ALPHA

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

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	361-881-3000			N	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	361-575-7441			N	Y
CITIZENS MEDICAL CENTER	2701 Hospital Drive VICTORIA , TX	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, TX 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 S. Padre Island Dr. CORPUS CHRISTI,TX ER Only	361-761-1200			N	Y

6. Special Medical Emergency Procedure

- **In cases of emergency 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**
George Brozowski	20 Sep 17/0800	Edward Primeau	20 Sep 2017/0800

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

1. Incident Name: H Hurricane Harvey ESF-10 Texas	2. Operational Period (Date / Time) From: 21SEP 17/0700 To: 23SEP 17/0700	**MEDICAL PLAN** **ICS 206-CG**

3. Medical Aid Stations- BRAVO

Name	Location	Contact #	Paramedics On site (Y/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 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	911/832-394-6700	Y
Webster Fire Dept.	18300 Highway 3, Webster, TX	911/281-316-3730	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 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 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 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 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 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 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 Lat: 29.768N Long: 94.97W	281-420-8600	20M	32M	N	Y
Bay Area Regional Level III	200 Blossom St., Webster, TX 77598 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 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 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 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) George Brozowski	**Date/Time** 20 Sep 2017/1800	**8. Reviewed by: (Safety Officer)** Edward Primeau	**Date/Time** 20 Sep 2017/0900
MEDICAL PLAN (Rev.07/04)		ICS 206-CG	

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

3. Incident Medical Aid Stations- Bravo Branch Pad Site

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
David Eppler	09/17/17 1700	Edward Primeau	09/17/17 1700

1. Incident Name: Hurricane Harvey ESF-10 Texas	2. Operational Period (Date / Time) From: 21SEP2017 0700 To: 23SEP2017 0700	MEDICAL PLAN ICS 206-CG

3. Medical Aid Stations: "C" Branch

Name	Location	Contact #	Paramedics On site (Y/N)
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			Yes	Yes
Christus St. Patrick Hospital Level II (Dialysis Care available)	524 Dr. Michael Debakey Drive, Lake Charles, LA 70605	(337)436-2511			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 MST1 Greg Halter, 910-616-4782.

7. Prepared by: (Medical Unit Leader)	Date/Time	8. Reviewed by: (Safety Officer)	Date/Time
MST1 Greg Halter	20Sep2017 / 0800	Ed Primeau	20 Sep/0800

1. Incident Name Hurricane Harvey – ESF 10 Texas	2. Operational Period (Date/Time) From: 21 SEP 17 @ 0700 To: 23 SEP 17 @ 0700	DAILY MEETING SCHEDULE ICS 230-CG

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

Date/ Time	Meeting Name	Purpose	Attendees	Location
Day One				
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
0800	Unified Command Objectives Meeting	Review/ identify objectives for the next operational period.	Unified Command members	EPA MCP
0830	ESF-10 Conference Call	UC discusses status/progress.	Unified Command	EPA MCP
1030	Command & General Staff Meeting	IC/UC gives direction to Command & General staff including incident objectives and priorities	IC/UC, Command & General Staff	Meeting Area
Day Two				
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
0800	Unified Command Meeting	Review objectives for the next operational period.	Unified Command members	EPA MCP
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
1300	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
Maggie Waldon/CWO Pete Gollnick	**20 SEP 2017 1835**

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