# Hurricane Harvey
# ESF – 10
# Unified
# Incident Action Plan
# (IAP-4)

**Operational Period:**
**Starting: 09/03/2017 @ 0700**
**Ending: 09/04/2017 @ 0700**

7067622

| 1. Incident Name: | 2. Operational Period: (Date / Time) | INCIDENT OBJECTIVES<br>ICS 202 - EPA |
|---|---|---|
| Hurricane Harvey – ESF 10 Texas | From: 09/02/2017 @ 0700<br>To: 09/03/2017 @ 0700 | |

**3. Incident Objective(s):**

- **Provide for the safety, welfare and security of response personnel.**
- **Maximize the protection of public, health, and safety.**
- **Identify affected drinking water and wastewater systems in each area, evaluate the systems to determine their operational status and facilitate system contact with Federal, State, and Local agencies (provide technical assistance).**
- **Conduct wide area assessment to identify orphaned containers equal to or greater than 5 gallons, potential or actual discharges from vessels and/or facilities, and document the most effective means for recovery or mitigation in accordance with Natural Disaster Operations Workgroup protocols.**
- **Prioritize, mitigate/recover product, and monitor identified pollution targets.**
- **Assess DHS critical infrastructure and RMP/FRP facilities for damage and immediate/ongoing releases.**
- **Identify secure areas to process and temporarily store for subsequent recycling, disposal, or return to original owner displaced orphan containers, above ground storage tanks, hazardous waste, and vessels.**
- **Identify locations and establish ESF 10 ICP, Branches, and Staging Areas commensurate to the size and scope of the incident.**
- **Establish and 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.**
- **Establish an IMT that can meet the initial and long-term challenges required for incident mitigation.**
- **Inform the public, stakeholders, and the media of response activities.**
- **Ensure appropriate financial accounting practices are adhered to.**

**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, NDOW tools, and Response Manager.
- Agencies will work in coordination under Unified Command.

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

☐ **Approved Site Safety Plan Located at:**

| 6. Prepared By: (PSC) | | (Date / Time) |
|---|---|---|
| Name: Matt Loesel | Signature: Matt Loesel | 09/02/17 |

| 7. Approved By (Incident Commander(s)): | | (Date / Time) |
|---|---|---|
| Name: | Signature: | |
| John Martin, EPA | John Martin | 09/02/17 |
| Anthony Buck, TCEQ | [illegible] | 09/02/17 |
| Jimmy Martinez, TGLO | Raymond Johnson for Jimmy Martinez | 09/02/17 |
| Tedd Hutley, US Coast Guard | [illegible] | 09/02/17 |

| 1. Incident Name | 2. Operational Period (Date/Time) | Command Direction<br>ICS 202A-CG |
|---|---|---|
| **Hurricane Harvey – ESF 10 Texas** | From: 09-03-17 0700<br>To: 09-04-17 0700 | |

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

**NAME OF INCIDENT:** Hurricane Harvey ESF-10 Texas

**OPERATIONAL PERIOD:** 24hour operational period

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

**ASSISTING & COOPERATING AGENCIES:** EPA, TCEQ, TGLO, USCG, NOAA, CST, Austin Police, 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 – CST, ASOFR – USCG, EPA
- 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 FPN mgnt)

**FACILITIES:**

- ICP LOCATION: Corpus Christi; Intend to move ESF10 ICP to centralized location (TBD).
- JIC LOCATION: Full FEMA JIC TBD
- Airport: Corpus Naval Air Station

**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, 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 and 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 pends.
Oil response funded under separate FPNs

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

**FINANCIAL**:
Funding Sources: EPA has been issued an $8.5Million ESF10 mission assignment. EPA will manage the cost accounting for these funds.
USCG will utilize FPNs for oil spills. USCG will manage the cost accounting for these FPNs. USCG MA is pending approval.

**LOGISTICAL**:
Multiple resource ordering processes may confuse the process.
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 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** |
|---|---|
| **Matthew Loesel** | **09/02/2017 1530** |

| 1. Incident Name | 2. Operational Period (Date/Time) | Critical Information Requirements<br>ICS 202B |
|---|---|---|
| **Hurricane Harvey – ESF 10 Texas** | From: 09/02/2017 @ 0700<br>To: 09/03/2017 @ 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.)

- **Any new discovery of an active discharge must be immediately reported to the Operations Section Chief and shall be reported to the NRC.**
- **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 FPN 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 FPN, CPN, or Mission Assignment**

| 4. Prepared by: (Planning Section Chief) | Date/Time |
|---|---|
| **Matthew Loesel** | **09/02/17 1545** |

**Instructions for Field Personnel:**

For Media Inquiries Contact R6HarveyPIO@epa.gov

**HH2017COM**
**APPROVED Talking Points**
09/01/17

**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 full 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

| 1. Incident Name: | 2. Operational Period: (Date / Time) | "Safety Message" |
|---|---|---|
| **Hurricane Harvey – ESF 10 Texas** | From: 09-03-17 @ 0700<br>To: 09-04-17 @ 0700 | |

**Major Hazards and Risks:**

| | | | |
|---|---|---|---|
| Travel | Electrical Hazards | Biological Hazards | Slips, Trips, and Falls |
| Thermal Stresses | Hazardous Materials | Insects | Fire/Explosions |
| Security Fatigue | Stress | Wild & Stray Animals | Structural Integrity |

**Wound Care** – Make sure that when you get a cut, scrape, and or puncture that you clean the area with antiseptic, apply some sort of topical antibiotic, and keep covered so that the wound area stays clean. Be sure to check wound daily to see that it is not getting infected. If the wound area becomes red and swollen, especially if red streaks extend from the wound, you should seek medical attention.

**Where is the Hospital?** Make sure to check the HASP and or Medical Plan (ICS Form 206) for the hospital closest to where you will be working and where you are staying. Remember if you call 911 from a cell phone you will need to provide the address of where you are located or at least and an address generally in the area of where you are working before they can respond.

**Early Morning Driving Safety –** We **MUST** be very cautious while driving from our hotel to work. Be on the lookout for issues with street signage and lights! Take the time to make sure your windows and free of water or fog prior to driving.

**Don't Forget To Drink Water! -** Please bring plenty of water with you when you go out to the work-sites. Remember, if you don't drink, you'll drop like a rock! 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.

**Signs and symptoms of heat Stroke –** confusion, slurred speech; loss of consciousness; red hot, dry skin or profuse sweating, very high body temperature, seizures.

**Staging Pad Sites** – Ensure proper segregation of chemicals, utilize Cameo Chemical to determine compatibility. Refer to ICS Form 204 for additional safety instructions.

**Who To Call!** Address any Safety concerns to Reggie Book, 512-233-9330, David Eppler 214-733-4676 (214-665-3100) or Edward Primeau, 609-351-7148.

Present Moment Thinking – Think about what you are doing and not what you still have to do.

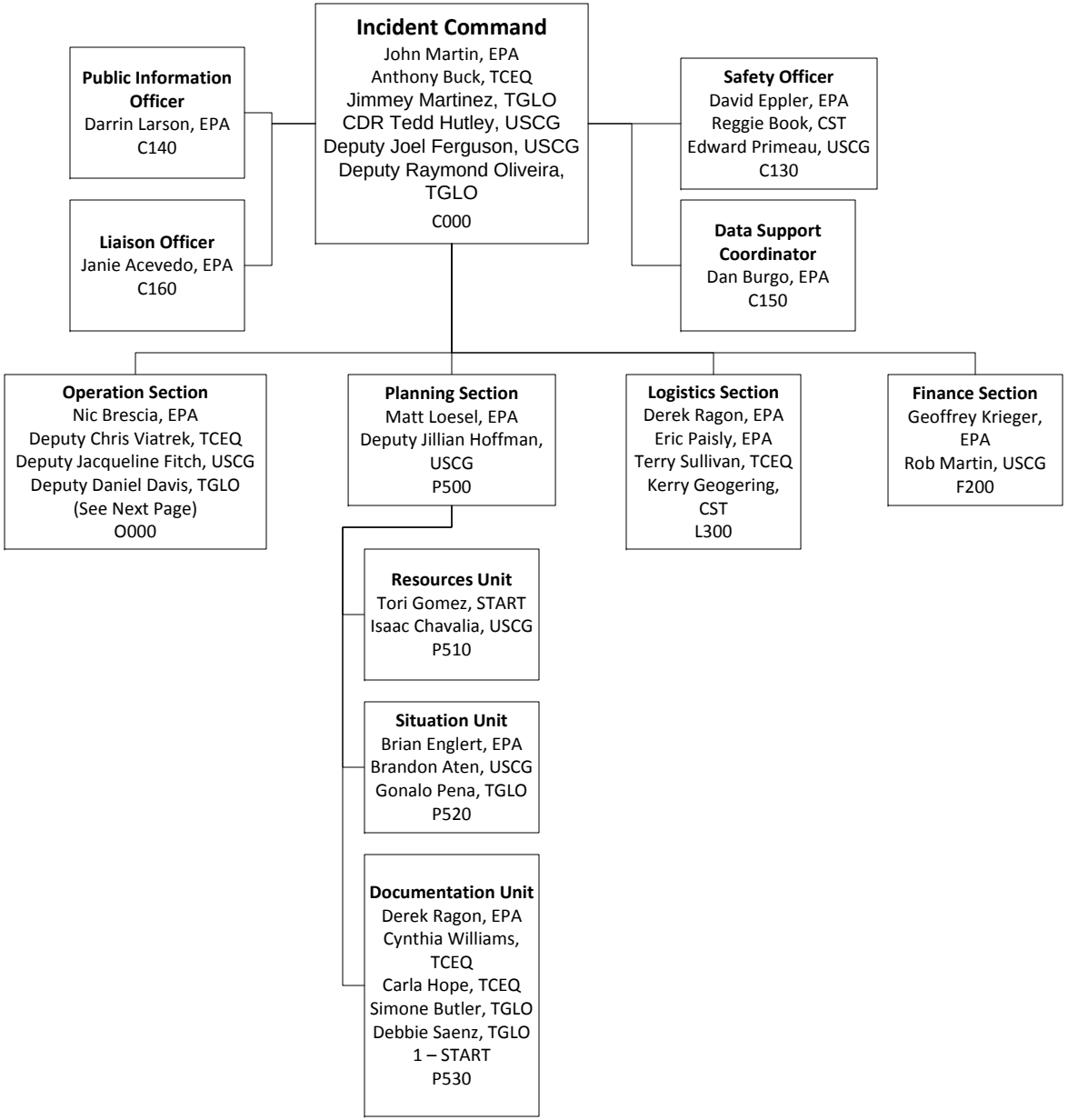
Careful when walking on wooden surfaces like stairs and docks, inspect for structural stability.

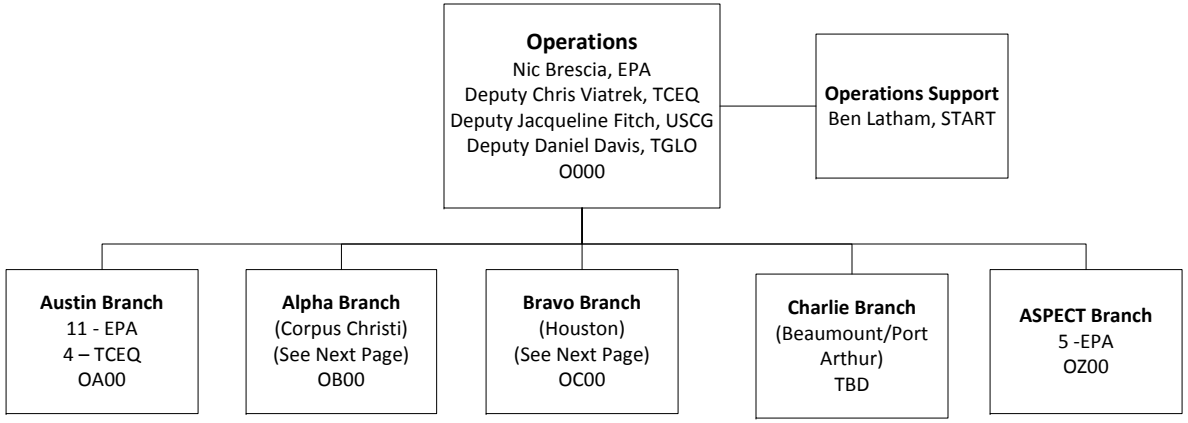
Recommend that all supervisors and team leaders conduct Operational Risk Management prior to the start of all operations. Provide rest in a cool shaded location.

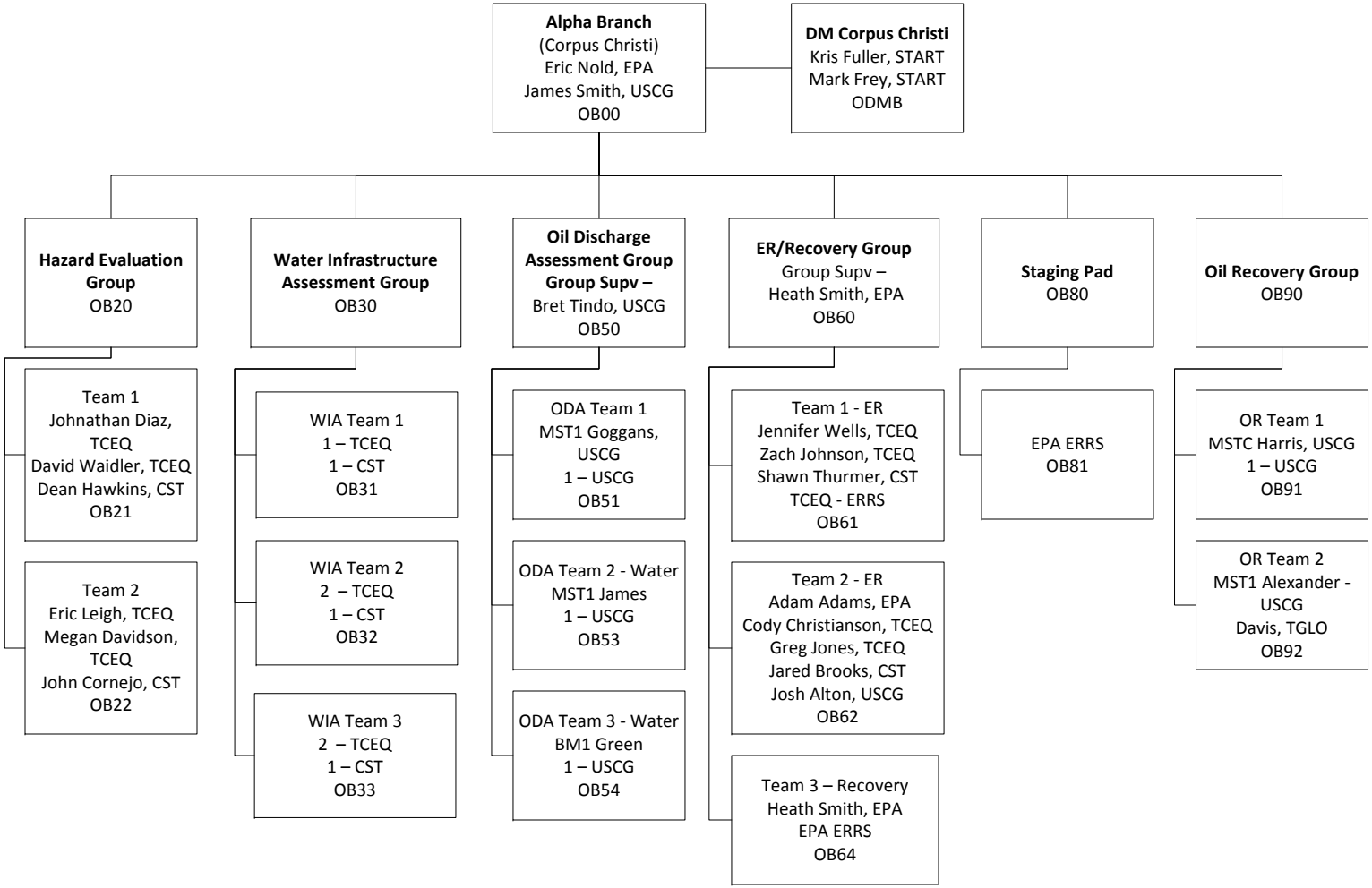
The mosquitos are increasing, ensure the use of insect repellant and reapply as directed by the manufacturer.

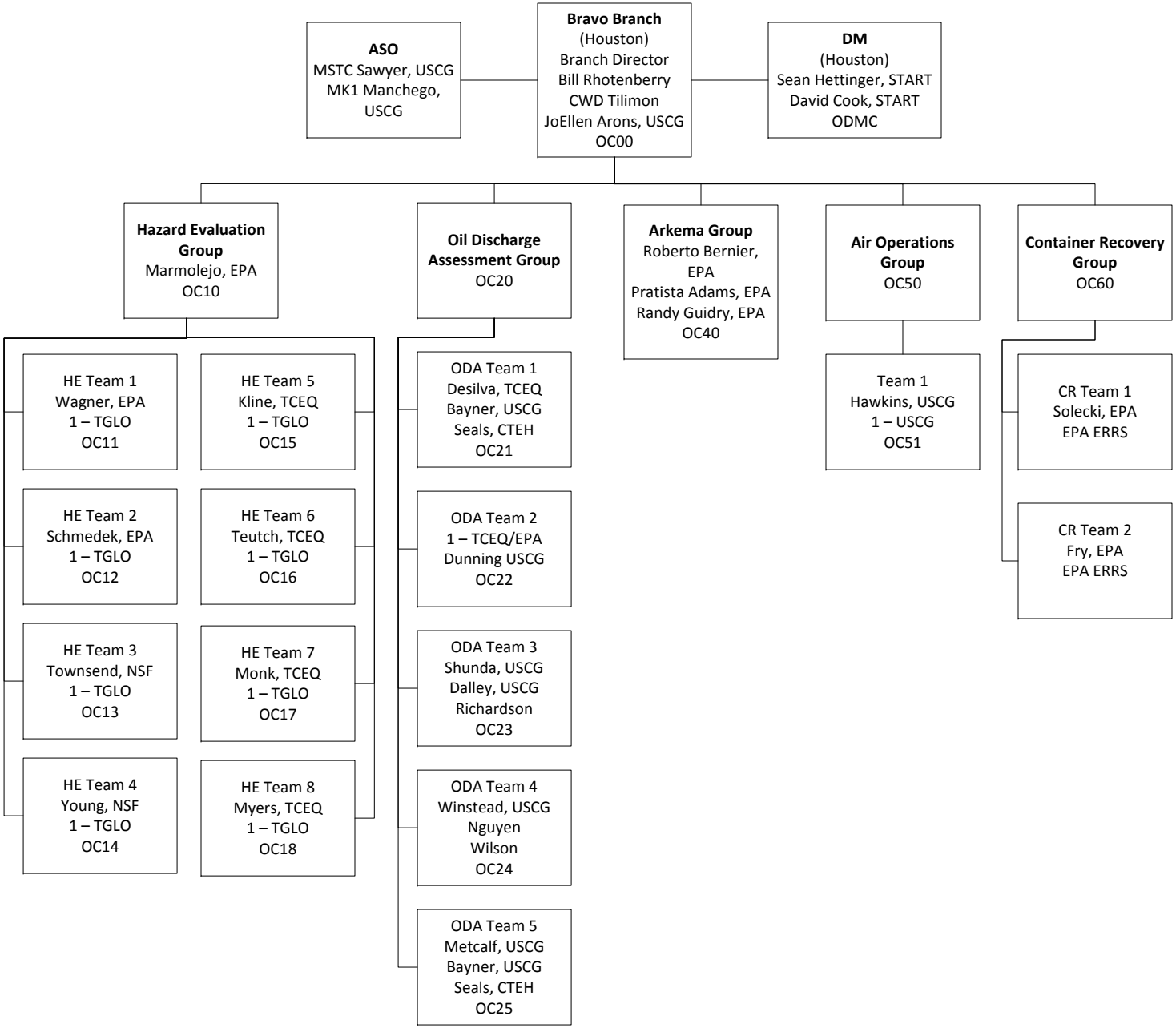
**DO NOT BECOME COMPLACIENT**

**Incident Name:** Hurricane Harvey – ESF 10 Texas
**Operational Period:** 09/02/17 to 09/03/17
**Prepared by:** Tori Gomez
**Date:** 09/01/17
**Time:** 1900




Operations
Nic Brescia, EPA
Deputy Chris Viatrek, TCEQ
Deputy Jacqueline Fitch, USCG
Deputy Daniel Davis, TGLO
O000
Operations Support
Ben Latham, START
Austin Branch
11 - EPA
4 – TCEQ
OA00
Alpha Branch
(Corpus Christi)
(See Next Page)
OB00
Bravo Branch
(Houston)
(See Next Page)
OC00
Charlie Branch
(Beaumount/Port Arthur)
TBD
ASPECT Branch
5 -EPA
OZ00


Alpha Branch
(Corpus Christi)
Eric Nold, EPA
James Smith, USCG
OB00
DM Corpus Christi
Kris Fuller, START
Mark Frey, START
ODMB
Hazard Evaluation Group
OB20
Water Infrastructure Assessment Group
OB30
Oil Discharge Assessment Group
Group Supv –
Bret Tindo, USCG
OB50
ER/Recovery Group
Group Supv –
Heath Smith, EPA
OB60
Staging Pad
OB80
Oil Recovery Group
OB90
Team 1
Johnathan Diaz, TCEQ
David Waidler, TCEQ
Dean Hawkins, CST
OB21
Team 2
Eric Leigh, TCEQ
Megan Davidson, TCEQ
John Cornejo, CST
OB22
WIA Team 1
1 – TCEQ
1 – CST
OB31
WIA Team 2
2 – TCEQ
1 – CST
OB32
WIA Team 3
2 – TCEQ
1 – CST
OB33
ODA Team 1
MST1 Goggans, USCG
1 – USCG
OB51
ODA Team 2 - Water
MST1 James
1 – USCG
OB53
ODA Team 3 - Water
BM1 Green
1 – USCG
OB54
Team 1 - ER
Jennifer Wells, TCEQ
Zach Johnson, TCEQ
Shawn Thurmer, CST
TCEQ - ERRS
OB61
Team 2 - ER
Adam Adams, EPA
Cody Christianson, TCEQ
Greg Jones, TCEQ
Jared Brooks, CST
Josh Alton, USCG
OB62
Team 3 – Recovery
Heath Smith, EPA
EPA ERRS
OB64
EPA ERRS
OB81
OR Team 1
MSTC Harris, USCG
1 – USCG
OB91
OR Team 2
MST1 Alexander - USCG
Davis, TGLO
OB92


ASO
MSTC Sawyer, USCG
MK1 Manchego, USCG
Bravo Branch
(Houston)
Branch Director
Bill Rhotenberry
CWD Tilimon
JoEllen Arons, USCG
OC00
DM
(Houston)
Sean Hettinger, START
David Cook, START
ODMC
Hazard Evaluation Group
Marmolejo, EPA
OC10
Oil Discharge Assessment Group
OC20
Arkema Group
Roberto Bernier, EPA
Pratista Adams, EPA
Randy Guidry, EPA
OC40
Air Operations Group
OC50
Container Recovery Group
OC60
HE Team 1
Wagner, EPA
1 – TGLO
OC11
HE Team 5
Kline, TCEQ
1 – TGLO
OC15
HE Team 2
Schmedek, EPA
1 – TGLO
OC12
HE Team 6
Teutch, TCEQ
1 – TGLO
OC16
HE Team 3
Townsend, NSF
1 – TGLO
OC13
HE Team 7
Monk, TCEQ
1 – TGLO
OC17
HE Team 4
Young, NSF
1 – TGLO
OC14
HE Team 8
Myers, TCEQ
1 – TGLO
OC18
ODA Team 1
Desilva, TCEQ
Bayner, USCG
Seals, CTEH
OC21
ODA Team 2
1 – TCEQ/EPA
Dunning USCG
OC22
ODA Team 3
Shunda, USCG
Dalley, USCG
Richardson
OC23
ODA Team 4
Winstead, USCG
Nguyen
Wilson
OC24
ODA Team 5
Metcalf, USCG
Bayner, USCG
Seals, CTEH
OC25
Team 1
Hawkins, USCG
1 – USCG
OC51
CR Team 1
Solecki, EPA
EPA ERRS
CR Team 2
Fry, EPA
EPA ERRS

| 1. Incident Name: | 2. Operational Period: ( Date / Time ) | ASSIGNMENT LIST ICS 204 - EPA |
|---|---|---|
| Hurricane Harvey – ESF 10 Texas | From: 09-03-17 @ 0700<br>To: 09-04-17 @ 0700 | |

| 3. Branch: | 4. Division/Group/Staging: |
|---|---|
| ALPHA | ER/Recovery Group |

**5. Operations Personnel:**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| Operations Section Chief: | NICOLAS BRESCIA<br>CHRIS WIATREK | EPA<br>TCEQ | 214-789-8383<br>512-605-9649 |
| Division/Group Supervisor/STAM: | CHRIS WIATREK | TCEQ | 512-605-9649 |
| Branch Chief: | ERIC NOLD | EPA | 816-718-4274 |

**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 | Jennifer Wells - TCEQ<br>Zach Johnson - TCEQ<br>Shawn Thurmer - CST<br>TCEQ ERRS | 972-207-3529<br>903-563-6678<br>512-233-9317<br>TBD | 7 | Contact OPS at 1100 and 1500 | ☐ |
| Team 2 - Recovery | Adam Adams – EPA<br>Cody Christianson - TCEQ<br>Greg Jones - TCEQ<br>Jared Brooks - CST<br>Josh Alton – USCG<br>TCEQ ERRS | 214-202-6952<br>254-396-5181<br>303-579-4177<br>512-233-9318<br>503-939-3816<br>TBD | 10 | Contact OPS at 1100 and 1500 | ☐ |
| Team 3 – STRIKE Team | Heath Smith – EPA<br>EPA ERRS | 816-718-4277<br>TBD | | | ☐ |

**7. Work Assignments:**

Conduct Orphan Container Recovery in Port Aransas. 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:**

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. The action level for VOCs is 5 ppm for unknowns and half the TLV for known chemical hazards. Conduct Operational Risk Management prior to each evolution. Address any Safety concerns to Reggie Book, 512-233-9330 or 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 (512) 233-9330 / OPS CHIEF: (512) 605-9649

| 10. Prepared by: (RESL) (Date / Time) | 11. Reviewed by: (PSC) (Date / Time ) | 12. Reviewed by: (OPS) ( Date / Time ) |
|---|---|---|
| Tori Gomez 9/02/17 2000 | Matthew Loesel | Nicolas Brescia |

| 1. Incident Name: | 2. Operational Period: ( Date / Time ) | ASSIGNMENT LIST ICS 204 - EPA |
|---|---|---|
| Hurricane Harvey – ESF 10 Texas | From: 09-03-17 @ 0700<br>To: 09-04-17 @ 0700 | |

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

**5. Operations Personnel:**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| Operations Section Chief: | NICOLAS BRESCIA<br>CHRIS WIATREK | EPA<br>TCEQ | (214) 789-8383<br>(512) 605-9649 |
| Division/Group Supervisor/STAM: | CHRIS WIATREK | TCEQ | (512) 605-9649 |
| Branch Chief: | ERIC NOLD | EPA | 816-718-4274 |

**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** | Johnathan Diaz – TCEQ<br>David Waidler – TCEQ<br>Dean Hawkins – CST | (956) 454-0387<br>(214) 208-0617<br>(512) 233-9328 | 3 | Contact OPS at completion | ☐ |
| **HE Team 2** | Eric Leigh – TCEQ<br>Megan Davidson – TCEQ<br>John Cornejo - CST | (979) 324-9744<br>(347) 453-0022<br>(512) 233-9319 | 3 | Contact OPS at completion | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

**7. Work Assignments:**

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

**Team 1 North of Aransas Pass – Team 2 South of Aransas Pass**

**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. The action level for VOCs is 5 ppm for unknowns and half the TLV for known chemical hazards. Conduct Operational Risk Management prior to each evolution. Address any Safety concerns to Reggie Book, 512-233-9330 or 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 (512) 233-9330 / OPS CHIEF: (512) 605-9649

| 10. Prepared by: (RESL) | (Date / Time) | 11. Reviewed by: (PSC) (Date / Time ) | 12. Reviewed by: (OPS) ( Date / Time ) |
|---|---|---|---|
| Tori Gomez | 9/02/17 1930 | Matthew Loesel | Nicolas Brescia |

| 1. Incident Name: | 2. Operational Period: ( Date / Time ) | ASSIGNMENT LIST ICS 204 - EPA |
|---|---|---|
| Hurricane Harvey – ESF 10 Texas | From: 09-03-17 @ 0700<br>To: 09-04-17 @ 0700 | |

| 3. Branch: | 4. Division/Group/Staging: |
|---|---|
| ALPHA | Staging Pad |

**5. Operations Personnel:**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| Operations Section Chief: | NICOLAS BRESCIA<br>CHRIS WIATREK | EPA R6<br>TCEQ | (214) 789-8383<br>(512) 605-9649 |
| Division/Group Supervisor/STAM: | CHRIS WIATREK | TCEQ | (512) 605-9649 |
| Branch Chief: | ERIC NOLD | EPA R6 | 816-718-4274 |

**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** | ERRS Contractor | | | Contact OPS at completion | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

**7. Work Assignments:**

To receive, process, categorize, bulk, and dispose of any and all found hazardous containers.

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. The action level for VOCs is 5 ppm for unknowns and half the TLV for known chemical hazards. Conduct Operational Risk Management prior to each evolution. Address any Safety concerns to Reggie Book, 512-233-9330 or 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 (512) 233-9330 / OPS CHIEF: (512) 605-9649

| 10. Prepared by: (RESL) (Date / Time) | 11. Reviewed by: (PSC) (Date / Time ) | 12. Reviewed by: (OPS) ( Date / Time ) |
|---|---|---|
| Tori Gomez 9/02/17 1930 | Matthew Loesel | Nicolas Brescia |

| 1. Incident Name: | 2. Operational Period: ( Date / Time ) | ASSIGNMENT LIST ICS 204 - EPA |
|---|---|---|
| **Hurricane Harvey – ESF 10 Texas** | From: 09-03-17 @ 0700<br>To: 09-04-17 @ 0700 | |

| 3. Branch: | 4. Division/Group/Staging: |
|---|---|
| **ALPHA** | Water Infrastructure Assessment Group |

**5. Operations Personnel:**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| Operations Section Chief: | NICOLAS BRESCIA<br>CHRIS WIATREK | EPA<br>TCEQ | (214) 789-8383<br>(512) 605-9649 |
| Division/Group Supervisor/STAM: | CHRIS WIATREK | TCEQ | (512) 605-9649 |
| Branch Chief: | ERIC NOLD | EPA | 816-718-4274 |

**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** | TCEQ<br>CST | | 2 | Contact OPS at 1100 and 1500 | ☐ |
| **Team 2** | TCEQ<br>CST | | 2 | Contact OPS at 1100 and 1500 | ☐ |
| **Team 3** | TCEQ<br>CST | | 2 | Contact OPS at 1100 and 1500 | ☐ |
| | | | | Contact OPS at 1100 and 1500 | ☐ |

**7. Work Assignments:**

Conduct Water Infrastructure Evaluation for both Drinking Water and Waste Water facilities. Prioritize facilities, and conduct evaluation of these facilities. Utilize the NDOW Water Infrastructure Evaluation SOP and document targets utilizing Response Manager via a Laptop/PDA/ and the Drinking Water/Waste Water Infrastructure Evaluation Data Sheet and Drinking Water/Waste Water Status Code sheet & Water Infrastructure Assessment Photo Placard. All teams must download/sync assessment information daily and complete a 214B to document team field activities.

**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. The action level for VOCs is 5 ppm for unknowns and half the TLV for known chemical hazards. Conduct Operational Risk Management prior to each evolution. Address any Safety concerns to Reggie Book, 512-233-9330 or 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 (512) 233-9330 / OPS CHIEF: (512) 605-9649

| 10. Prepared by: (RESL) (Date / Time) | 11. Reviewed by: (PSC) (Date / Time ) | 12. Reviewed by: (OPS) ( Date / Time ) |
|---|---|---|
| Tori Gomez 9/02/17 1900 | Matthew Loesel | Nicolas Brescia |

| 1. Incident Name: | 2. Operational Period: ( Date / Time ) | ASSIGNMENT LIST ICS 204 - EPA |
|---|---|---|
| Hurricane Harvey – ESF 10 Texas | From: 09-03-17@ 0700<br>To: 09-04-17@ 0700 | |

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

**5. Operations Personnel:**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| Operations Section Chief: | NICOLAS BRESCIA<br>JACQUELINE FITCH<br>DANIEL DAVIS | EPA<br>USCG<br>TGLO | 214-789-8383<br>415-720-4170<br>361-438-0379 |
| OPBD ALPHA: | JAMES SMITH | USCG | (251)644-1785 |
| Branch Chief: | ERIC NOLD | EPA | 816-718-4274 |

**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 | MST1 GOGGANS | 251-525-7156 | 2 | Hourly | ☐ |
| ODA 2 - WATER TF1 | MST2 JAMES | 252-339-6667 | 2 | Hourly | ☐ |
| ODA 3 - WATER TF2 | BM1 GREEN | 251-259-8903 | 2 | Hourly | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

**7. Work Assignments:**

ODA 1 – Monitor salvage operations of the SIGNET ENTERPRISE at Aransas Pass, Drill Ship DPSDS1 and State Ferries R.E STOZER JR and J.C.DINGWALL at Port Aransas.
ODA 2 - Launch TGLO 320 - Conduct assessment of Goose Island and north through Aransas National Wildlife Refuge s Christi and respond to spills.
ODA 3 - Launch TGLO 322- Conduct assessment of Tropic Isle and Bluff Landing.
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 assessment targets of the 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:**

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. The action level for VOCs is 5 ppm for unknowns and half the TLV for known chemical hazards. Conduct Operational Risk Management prior to each evolution. Address any Safety concerns to Reggie Book, 512-233-9330 or 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 (512) 233-9330 / OPS CHIEF: (512) 605-9649 / SITL 251-533-8438

**Emergency Communications:**

| 10. Prepared by: (RESL) (Date / Time) | 11. Reviewed by: (PSC) (Date / Time ) | 12. Reviewed by: (OPS) ( Date / Time ) |
|---|---|---|
| MSTC Chavalia 09/02/17 1700 | Matthew Loesel | Nicolas Brescia |

| 1. Incident Name: | 2. Operational Period: ( Date / Time ) | ASSIGNMENT LIST ICS 204 - EPA |
|---|---|---|
| Hurricane Harvey – ESF 10 Texas | From: 09-03-17@ 0700<br>To: 09-04-17@ 0700 | |

| 3. Branch: | 4. Division/Group/Staging: |
|---|---|
| ALPHA | Oil Recovery Group |

**5. Operations Personnel:**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| Operations Section Chief: | NICOLAS BRESCIA<br>JACQUELINE FITCH<br>DANIEL DAVIS | EPA<br>USCG<br>TGLO | 214-789-8383<br>415-720-4170<br>361-438-0379 |
| OPBD ALPHA: | JAMES SMITH | USCG | (251)644-1785 |
| Branch Chief: | ERIC NOLD | EPA | 816-718-4274 |

**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 | |
|---|---|---|---|---|---|
| OR 1 | MSTC HARRIS | 251-422-5566 | 2 | Hourly | ☐ |
| OR 2 (24/7 Duty Pollution Response) | MST1 ALEXANDER-CG<br>DANIEL DAVIS-TGLO | 361-533-7166<br>361-438-0379 | 2 | Report to Sector CC as required or appropriate command | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

**7. Work Assignments:**

ODR 1 – Respond to any reports of active pollution discharges, NRC Reports or CHEMTEL Reports as appropriate and initiate actions to recover the pollution.
ODR 2 - Respond to any reports of active pollution discharges, NRC Reports or CHEMTEL Reports as appropriate and initiate actions to recover the pollution. Notify Branch Director (BOSN Smith-251-644-1785) of any discharges after hours.

ALL TEAMS - 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 assessment targets of the 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:**

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. The action level for VOCs is 5 ppm for unknowns and half the TLV for known chemical hazards. Conduct Operational Risk Management prior to each evolution. Address any Safety concerns to Reggie Book, 512-233-9330 or 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 (512) 233-9330 / OPS CHIEF: (512) 605-9649 / SITL 251-533-8438

**Emergency Communications:**

| 10. Prepared by: (RESL) (Date / Time) | 11. Reviewed by: (PSC) (Date / Time ) | 12. Reviewed by: (OPS) ( Date / Time ) |
|---|---|---|
| MSTC Chavalia 09/02/17 1700 | Matthew Loesel | Nicolas Brescia |

| 1. Incident Name: | 2. Operational Period: ( Date / Time ) | ASSIGNMENT LIST ICS 204 - EPA |
|---|---|---|
| Hurricane Harvey – ESF 10 Texas | From: 09-03-17 @ 0700<br>To: 09-04-17 @ 0700 | |

| 3. Branch: | 4. Division/Group/Staging: |
|---|---|
| ASPECT | |

**5. Operations Personnel:**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| Operations Section Chief: | NICOLAS BRESCIA | EPA R6 | (214) 789-8383 |
| Division/Group Supervisor/STAM: | NICOLAS BRESCIA | EPA R6 | (214) 789-8383 |

**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 | |
|---|---|---|---|---|---|
| **ASPECT** | Mark Thomas | TBD | 5 | Contact OPS at completion | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

**7. Work Assignments:**

Monitor conditions and make overflights as requested at Arkema facility in Crosby, Texas.

ASPECT will assess Department of Homeland Security (DHS) critical infrastructure (e.g. public water supplies and wastewater treatment facilities) and Risk Management Plan (RMP) and Facility Response Plan (FRP) facilities for damage and immediate ongoing releases.

**8. Special Instructions:**

Address any Safety concerns to Reggie Book, 512-233-9330 or 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 (512) 233-9330 / OPS CHIEF: (512) 605-9649

| 10. Prepared by: (RESL) (Date / Time) | 11. Reviewed by: (PSC) (Date / Time ) | 12. Reviewed by: (OPS) ( Date / Time ) |
|---|---|---|
| Tori Gomez 09/02/17 1840 | Matthew Loesel | Nicolas Brescia |

| 1. Incident Name: | 2. Operational Period: ( Date / Time ) | ASSIGNMENT LIST ICS 204 - EPA |
|---|---|---|
| **Hurricane Harvey – ESF 10 Texas** | From: 09-03-2017 @ 0700<br>To: 09-03-2017 @ 0700 | |

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

**5. Operations Personnel:**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| Operations Section Chief: | NICOLAS BRESCIA<br>JACQUELINE FITCH<br>BRUCE SIMONS | EPA<br>USCG<br>TGLO | (214) 789-8383<br>(415) 720-4170<br>(361) 438-0379 |
| OPBD BRAVO: | BILL RHOTENBERRY<br>MATT TILIMON | EPA<br>USCG | (214) 437-9804<br>(832) 256-3261 |

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

| Strike Team/Task Force/ Resource Identifier | Leader | Contact Info. # | # of Persons | Reporting Info/Notes/Remarks | |
|---|---|---|---|---|---|
| HE 1 | EPA Wagner | 804-337-3049 | 3 | Every 2 hours | ☐ |
| HE 2 | EPA Schmedek | 816-806-2534 | 3 | Every 2 hours | ☐ |
| HE 3 | NSF Townsend | 205-706-1791 | 3 | Every 2 hours | ☐ |
| HE 4 | NSF Young | 251-487-8543 | 3 | Every 2 hours | ☐ |
| HE 5 | TCEQ Kline | 609-548-1032 | 2 | Every 2 hours | ☐ |
| HE 6 | TCEQ Teutch | 760-803-1011 | 2 | Every 2 hours | ☐ |
| HE 7 | TCEQ Monk | 619-888-3783 | 2 | Every 2 hours | ☐ |
| HE 8 | TCEQ Myers | 410-209-7605 | 2 | Every 2 hours | ☐ |

HE1 – Work with ERRS contractor on workboats, conduct overview/final waterway assessment for North Houston. AOR ranging from Houston ship channel ending at Atkinson Island.
HE2 – Work with ERRS contractor on workboats, conduct overview/final waterway assessment for Galveston Bay to Texas City.
HE3/4/5 – Begin clearing grids in Chambers county for inland Hazard Assessment.
HE6/7/8 – Begin clearing grids in Liberty county for inland Hazard Assessment.

**8. Special Instructions:**

When the heat index is around 100F drink 1 cup or 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; heaving sweating; headache; nausea or vomiting, dizziness, light headedness; weakness; thirst; irritability; elevated body temperature. PFDs on the vessel. Safety Officer – MSTC Sawyer – 904-755-4860.
**Critical Information Reporting (CIR)** All teams shall immediately injuries, mishaps, and report any active discharge and/or release to the National Response Center, 1-800-832-8224, and 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 (904) 755-4860 / DIVS – LT Marmolejo – 251-487-0461

| 10. Prepared by: (RESL) (Date / Time) | 11. Reviewed by: (PSC) (Date / Time ) | 12. Reviewed by: (OPS) ( Date / Time ) |
|---|---|---|
| LT Arons 9/02/17 1700 | Matt Loesel 09/02/17 1900 | Nicolas Brescia |

| 1. Incident Name: | 2. Operational Period: ( Date / Time ) | ASSIGNMENT LIST<br>ICS 204 - EPA |
|---|---|---|
| **Hurricane Harvey – ESF 10 TEXAS** | From: 09-03-17 @ 0700<br>To: 09-04-17 @ 0700 | |

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

**5. Operations Personnel:**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| Operations Section Chief: | NIC BRESCIA<br>JACQUELINE FITCH<br>BRUCE SIMONS | EPA<br>USCG<br>USCG | (214)789-8383<br>(415)720-4170<br>(361)438-0379 |
| OPBD BRAVO: | BILL RHOTENBERRY<br>MATT TILIMON | EPA<br>USCG | (214)-437-9804<br>(832)-256-3261 |

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

| Strike Team/Task Force/ Resource Identifier | Leader | Contact Info. # | # of Persons | Reporting Info/Notes/Remarks | |
|---|---|---|---|---|---|
| Team 1 - N973RH Republic | USCG Haskins | 714-319-8764 | 2 | Contact for launch/completion | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

Launch tasking will come from the Bravo Director: Bill Rhotenberry/Matt Tilimon.

Conduct Rapid Needs Assessment using helicopter over Chambers and Liberty Counties to determine most heavily impacted areas and the overall geographical boundaries.

**8. Special Instructions:**

Address any safety concerns to Air Operations within the Sector ICP.

**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 (904) 755-4860

| 10. Prepared by: (RESL) (Date / Time) | 11. Reviewed by: (PSC) (Date / Time ) | 12. Reviewed by: (OPS) ( Date / Time ) |
|---|---|---|
| LT Arons 9/02/17 1700 | Matt Loesel 9-2-17 1800 | Nicolas Brescia |

| 1. Incident Name: | 2. Operational Period: ( Date / Time ) | ASSIGNMENT LIST ICS 204 - EPA |
|---|---|---|
| **Hurricane Harvey – ESF 10 Harvey** | From: 09-03-17 @ 0700<br>To: 09-04-17 @ 0700 | |

| 3. Branch: | 4. Division/Group/Staging: |
|---|---|
| **BRAVO** | Container Recovery Group |

**5. Operations Personnel:**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| Operations Section Chief: | NIC BRESCIA<br>JACQUELINE FITCH<br>BRUCE SIMONS | EPA<br>USCG<br>TGLO | (214)789-8363<br>(415)720-4170<br>(361)438-0379 |
| OPBD BRAVO: | BILL RHOTENBERRY<br>MATT TILIMON | EPA<br>USCG | (214)-437-9804<br>(832)-256-3261 |

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

| Strike Team/Task Force/ Resource Identifier | Leader | Contact Info. # | # of Persons | Reporting Info/Notes/Remarks | |
|---|---|---|---|---|---|
| CR 1 | EPA Solecki | 908-420-4501 | 2 | Every 2 hours | ☐ |
| CR 2 | EPA Fry | 816-807-8805 | 2 | Every 2 hours | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

All TEAMS – Conduct emergency orphan container recovery as assigned. 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:**

When the heat index is around 100F drink 1 cup or 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; heaving sweating; headache; nausea or vomiting, dizziness, light headedness; weakness; thirst; irritability; elevated body temperature. Safety Officer – MSTC Sawyer – 904-755-4860.
**Critical Information Reporting (CIR)** All teams shall immediately injuries, mishaps, and report any active discharge and/or release to the National Response Center, 1-800-832-8224, and 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 (904) 755-4860 / DIVS – LT Arons – 609-351-8503

| 10. Prepared by: (RESL) (Date / Time) | 11. Reviewed by: (PSC) (Date / Time ) | 12. Reviewed by: (OPS) ( Date / Time ) |
|---|---|---|
| LT Arons 9/02/17 1700 | Matthew Loesel 09/02/17 1800 | Nicolas Brescia |

| 1. Incident Name: | 2. Operational Period: ( Date / Time ) | ASSIGNMENT LIST ICS 204 - EPA |
|---|---|---|
| **Hurricane Harvey – ESF 10 Texas** | From: 09-03-17 @ 0700<br>To: 09-04-17 @ 0700 | |

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

**5. Operations Personnel:**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| Operations Section Chief: | NICOLAS BRESCIA<br>JACQUELINE FITCH<br>BRUCE SIMONS | EPA<br>USCG<br>TGLO | (214) 789-8383<br>(415) 720-4170<br>(361) 438-0379 |
| OPBD BRAVO: | BILL RHOTENBERRY<br>MATT TILIMON | EPA<br>USCG | (214) 437-9804<br>(832) 256-3261 |

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

| Strike Team/Task Force/ Resource Identifier | Leader | Contact Info. # | # of Persons | Reporting Info/Notes/Remarks | |
|---|---|---|---|---|---|
| ODA 1 | CWO Baynor | 252-305-9090 | 3 | Every 2 hours | ☐ |
| ODA 2 | ET1 Dunning | 305-587-3501 | 3 | Every 2 hours | ☐ |
| ODA 3 | MST1 Shunda | 908-209-8564 | 3 | Every 2 hours | ☐ |
| ODA 4 | CWO Winstead | 252-945-5775 | 3 | Every 2 hours | ☐ |
| ODA 5 | MST2 Metcalf | 850-890-3255 | 2 | Every 2 hours | ☐ |

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 & 2 – Focus will be facility assessments.
ODA 3 & 4 – Focus will be vessel assessments
ODA 5 – Follow-up Magellan Facility status.

**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. Contact animal control at 361-826-4630 if you find distressed animals - DO NOT attempt to approach or catch even domestic animals. Maintain teamwork - use the buddy system! **SOFR –MSTC Sawyer, CG – (904)-755-4860**
**Critical Information Reporting (CIR)** All teams shall immediately injuries, mishaps, 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 (094) 755-4860 / DIVS – LT Arons 609-351-8503

| 10. Prepared by: (RESL) (Date / Time) | 11. Reviewed by: (PSC) (Date / Time ) | 12. Reviewed by: (OPS) ( Date / Time ) |
|---|---|---|
| LT Arons 9/02/17 1700 | Matthew Loesel 09/01/2017 1830 | Nicolas Brescia |

Incident Name:
Hurricane Harvey - ESF 10 Texas

Operational Period:
From: 09-02-17 @ 0700
To: 09-03-17 @ 0700

INCIDENT
COMMUNICATIONS PLAN
ICS 205A - EPA

| ID | Last | First | Position | Agency | Phone |
|---|---|---|---|---|---|
| 136 | Abreu | Aaron | Alpha Operations Team Member | USCG | 305-766-0800 |
| 129 | Acevedo | Janie | Liaison Officer | EPA | 469-222-7810 |
| 114 | Adams | Adam | Alpha Operations Team Member | EPA | 214-202-6952 |
| 116 | Adams | Richard-Todd | Air Ops | Air Patrol | 501-410-4142 |
| 101 | Alexander | Jonathan | Alpha Operations Team Member | USCG | 281-883-7188 |
| 74 | Alton | Josh | Alpha Operations Team Member | USCG | 503-939-3816 |
| 51 | Andrews | John | Alpha Operations Team Member | TCEQ | 817-658-0558 |
| 138 | Aten | Brandon | Alpha Operations Team Member | USCG | 860-514-4581 |
| 120 | Bell | Cecil | Alpha Operations Team Member | TxSG | 281-960-2751 |
| 75 | Bemis | Chistopher | Alpha Operations Team Member | USCG | 904-738-4785 |
| 125 | Berg | Catherine | Environmental | NOAA | 907-529-9157 |
| 83 | Book | Reggie | Safety Officer | 6 CST | 512-233-9330 |
| 30 | Brescia | Nic | Operations Section Chief | US EPA R7 | 214-789-8383 |
| 90 | Brock | Bob | TGLO Deputy Incident Commander | TGLO | 281-960-5506 |
| 33 | Brooks | Jared | Alpha Operations Team Member | 6 CST | 512-233-9318 |
| 89 | Buck | Anthony | TCEQ IC Commander | TCEQ | 512-563-3935 |
| 106 | Buell | John | Air Ops | Austin PD | 512-825-3487 |
| 131 | Burgo | Daniel | Data Management | EPA | 857-225-5563 |
| 143 | Burke | Cory | Alpha Operations Team Member | TCEQ | 361-779-9094 |
| 85 | Buschang | Steve | Scientific Support Coordinator | TGLO | 512-431-2232 |
| 13 | Butler | Simone | Documentation | TGLO | 361-695-6661 |
| 52 | Caudle | Christopher | Alpha Operations Team Member | TCEQ | 956-454-2664 |
| 45 | Chaney | Scott | Alpha Operations Team Member | ERRS-SWS | 870-279-1422 |
| 82 | Chavalia | Isaac | Resource Unit | USCG | 718-689-4408 |
| 34 | Chong | Chol | Alpha Operations Team Member | 6 CST | 512-233-9315 |
| 53 | Christianson | Cody | Alpha Operations Team Member | TCEQ | 254-396-5181 |
| 123 | Cisneros | Nancy | Environmental Unit | USCG | 361-648-3662 |
| 35 | Combs | Nicole | Alpha Operations Team Member | 6 CST | 517-712-0585 |
| 5 | Cook | David | Data Management-Corpus | START - Weston | 512-970-8836 |
| 146 | Cooper | William | Bravo Operations Team Member | EPA | 832-922-2317 |
| 36 | Cornejo | John | Alpha Operations Team Member | 6 CST | 512-233-9319 |
| 23 | Cruz | Roy | Alpha IT | TGLO | 512-585-7692 |
| 54 | Davidson | Megan | Alpha Operations Team Member | TCEQ | 347-453-0022 |
| 67 | Davis | Daniel | Alpha Operations Team Member | TGLO | 361-438-4916 |
| 55 | Diaz | Jonathan | Alpha Operations Team Member | TCEQ | 956-454-0387 |
| 68 | Dueǹes | James | Alpha Operations Team Member | TGLO | 361-438-2593 |
| 69 | Dulany | Austin | Alpha Operations Team Member | TGLO | 361-438-4914 |
| 118 | Edwards | Melanie | Alpha Operations Team Member | TCEQ | 361-825-3113 |
| 122 | England | Brian | Alpha Operations Team Member | EPA | 404-263-8775 |
| 104 | Enriquez | Jesus | Air Ops | Mcallen ISD Police | 956-802-6907 |
| 121 | Eppler | David | IC Safety Officer | EPA | 214-733-4676 |
| 9 | Ferguson | Joel | Deputy Incident Commander | USCG | 251-680-9675 |
| 31 | Fitch | Jacqueline | Operations Section Chief | USCG | 415-720-4170 |
| 102 | Flores | Enrique | Alpha Operations Team Member | Austin PD | 830-481-6736 |

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|---|---|---|---|---|---|
| 46 | Foard | Darrel | Alpha Operations Team Member | ERRS-SWS | 682-238-8399 |
| 37 | Freeman | Mark | Alpha Operations Team Member | 6 CST | 512-233-9322 |
| 6 | Frey | Mark | Data Management-Corpus | START - Weston | 510-761-5655 |
| 7 | Fuller | Kris | Data Management-Corpus | START - Weston | 972-754-4715 |
| 38 | Garcia | Donovan | Alpha Operations Team Member | 6 CST | 512-233-9336 |
| 49 | Garcia | Oscar | Alpha Operations Team Member | START - Weston | 956-909-4311 |
| 103 | Garcia | Luis-Daniel | Alpha Operations Team Member | 6 CST | 956-966-6906 |
| 2 | Gee | William E | Communications | 6 CST | 512-233-9334 |
| 26 | Geoering | Kerry | Logistic | 6 CST | 512-233-9327 |
| 130 | Goggins | Walt | Alpha Operations Team Member | USCG | 337-349-4711 |
| 81 | Gomez | Tori | Resource Unit | START - Weston | 214-918-9411 |
| 108 | Graveline | Gabriel | Alpha Operations Team Member | OKTF1 | 918-899-2113 |
| 141 | Green | Luke | Alpha Operations Team Member | USCG | 251-259-8903 |
| 50 | Hadwin | Eric | Alpha Operations Team Member | START - Weston | 225-773-9104 |
| 56 | Halepeska | Jay | Alpha Operations Team Member | TCEQ | NA |
| 76 | Harris | Bobby | Alpha Operations Team Member | USCG | 907-723-3457 |
| 142 | Harris | Robert | Alpha Operations Team Member | USCG | 907-723-3457 |
| 93 | Hatfield | Austin | Alpha Operations Team Member | USCG | 717-575-9647 |
| 3 | Hawkins | Dean | Communications | 6 CST | 512-233-9328 |
| 8 | Hettinger | Sean | Data Managemnet-Houston | START - Weston | 609-666-9608 |
| 86 | Hoffman | Jillian | Deputy Planning Chief | USCG | 251-533-8438 |
| 12 | Hope | Carla | Documentation | TCEQ | 682-556-5827 |
| 57 | Houston | Kendra | Alpha Operations Team Member | TCEQ | 325-829-9097 |
| 145 | Houston | Robert | Bravo Operations Team Member | EPA | 214-982-5711 |
| 92 | Hutley | Tedd | USCG Incident Commander | USCG | 609-351-7142 |
| 140 | Huyett | JB | IC Reach Back | NOAA | 410-940-9933 |
| 98 | James | Weldon | Alpha Operations Team Member | USCG | 252-339-6667 |
| 70 | Janskowski | Michael | Alpha Operations Team Member | TGLO | 956-459-3141 |
| 58 | Johnson | Zac | Alpha Operations Team Member | TCEQ | 903-563-6678 |
| 59 | Jones | Greg | Alpha Operations Team Member | TCEQ | 303-579-4177 |
| 105 | Joseph | Michael | Alpha Operations Team Member | Austin PD | 512-921-7427 |
| 39 | Kelaita | Johnson | Alpha Operations Team Member | 6 CST | 912-233-9316 |
| 111 | Kelly | Jason | Alpha Operations Team Member | TCEQ | 512-239-0871 |
| 11 | Koza | Brent | Deputy State OSC | TGLO | 361-438-4928 |
| 126 | Krieger | Geoff | IC Safety Officer | EPA | 202-578-2000 |
| 80 | Larson | Darrin | Public Information Officer | US EPA R6 | 972-467-5509 |
| 32 | Latham | Ben | Operations Support | START - Weston | 972-213-6618 |
| 124 | Lehmann | Steve | Environmental | NOAA | 617-877-2806 |
| 60 | Leigh | Eric | Alpha Operations Team Member | TCEQ | 979-324-9744 |
| 61 | Lindgren | Eric | Alpha Operations Team Member | TCEQ | 817-266-2003 |
| 79 | Loesel | Matt | Planning Section Chief | US EPA R6 | 202-578-2125 |
| 137 | Logazino | Marc | Alpha Operations Team Member | ERRS-SWS | 870-331-5112 |
| 134 | Lwehring | Lawrence | Reach Back | TxSG | 361-944-0505 |
| 47 | Marc | Hogazino | Alpha Operations Team Member | ERRS-SWS | 870-331-5112 |
| 100 | Marlow | Robert | Alpha Operations Team Member | USCG | 415-302-8855 |

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|---|---|---|---|---|---|
| 20 | Martin | John | EPA IC Commander | US EPA R8 | 214-789-1994 |
| 21 | Martin | Rob | Finance Section Chief | USCG | 415-302-8855 |
| 91 | Martinez | Jimmy | TGLO Incident Commander | TGLO | 361-438-3833 |
| 147 | Matthews | Jachel | Bravo Operations Team Member | EPA | 517-513-4359 |
| 29 | Maynard | Gloria | NDOW | TGLO | 512-653-9381 |
| 71 | McDaniel | Frank | Alpha Operations Team Member | TGLO | 361-903-4988 |
| 72 | Mock | Corey | Alpha Operations Team Member | TGLO | 956-443-8619 |
| 128 | Nold | Eric | Operations | EPA | 816-718-4274 |
| 18 | Nunez | Alex | Environmental Unit | TPWD | 361-658-3181 |
| 115 | Ohs | Mathew | Air Ops | Air Patrol | 501-681-7632 |
| 133 | Olivera | Raymond | Alpha Operations Team Member | TGLO | 956-455-8012 |
| 27 | Paisly | Eric | Logistic Section Chief | US EPA R10 | 214-789-8750 |
| 87 | Peňa | Gonzalo | Situation/Planning | TGLO | 956-459-3178 |
| 109 | Pentecost | Jim | Alpha Operations Team Member | USCG | 251-644-2738 |
| 40 | Pierce | Daniel | Alpha Operations Team Member | 6 CST | 512-952-1448 |
| 95 | Piquette | Timothy | Alpha Operations Team Member | USCG | 413-351-5801 |
| 28 | Powell | Geoffrey | Medical | 6 CST | 512-233-9333 |
| 132 | Prichard | Danny | Alpha Operations Team Member | TCEQ | 832-236-2525 |
| 84 | Primeau | Ed | Safety Officer | USCG | 609-351-7148 |
| 17 | Ragon | Derek | Logistics Section Chief | US EPA R9 | 214-463-4041 |
| 14 | Ramirez | Santana | Documentation | TGLO | 956-280-3619 |
| 139 | Resley | Vincent | Alpha Operations Team Member | USCG | 951-760-0578 |
| 62 | Rizzo | Blas | Alpha Operations Team Member | TCEQ | 361-816-9596 |
| 107 | Robinson | Eugene | Alpha Operations Team Member | DPI | 512-665-9990 |
| 144 | Rodriguez | Jose | Bravo Operations Team Member | EPA | 817-845-9503 |
| 99 | Russell | Stephen | Alpha Operations Team Member | USCG | 206-403-8483 |
| 15 | Saenz | Debbie | Documentation | TGLO | 512-563-8289 |
| 41 | Sedtal | Chris | Alpha Operations Team Member | 6 CST | 512-923-3235 |
| 96 | Simcox | Robert | Alpha Operations Team Member | USCG | 774-929-0763 |
| 73 | Simons | Bruce | Alpha Operations Team Member | TGLO | 361-438-0379 |
| 63 | Simpson | Ron | Alpha Operations Team Member | TCEQ | 817-565-8321 |
| 42 | Smejkal | Brad | Alpha Operations Team Member | 6 CST | 512-233-9321 |
| 1 | Smith | Jimmy | Assessment Team Lead | USCG | 251-644-1785 |
| 97 | Smith | Charles | Alpha Operations Team Member | USCG | 251-487-6681 |
| 135 | Smith | Heath | Alpha Operations Team Member | EPA | 816-718-4277 |
| 94 | Stanley | Shawn | Alpha Operations Team Member | USCG | 609-287-5137 |
| 48 | Suarez | Miguel | Alpha Operations Team Member | ERRS-SWS | 870-582-1653 |
| 25 | Sullivan | Terry | Logistic | TCEQ | 512-426-3016 |
| 24 | Taylor | Austin | Liaison | TCEQ | 361-537-7919 |
| 43 | Thurmer | Sean | Alpha Operations Team Member | 6 CST | 512-233-9317 |
| 19 | Tidwell | Travis | Environmental Unit | TPWD | 512-422-8054 |
| 78 | Tindol | Bret | Alpha Operations Team Member | USCG | 251-423-4134 |
| 117 | Trevino | Karla | Alpha Operations Team Member | TCEQ | 361-227-2691 |
| 88 | Veselka | Jay | State OSC | TGLO | 361-244-9229 |
| 66 | Viatrek | Chris | Alpha Operations Team Member | TCEQ | 512-605-9659 |

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|---|---|---|---|---|---|
| 110 | Waganar | Noah | Alpha Operations Team Member | USCG | 208-819-9638 |
| 64 | Waidler | David | Alpha Operations Team Member | TCEQ | 214-208-0617 |
| 22 | Walton | Steven | IT | TCEQ | 210-842-2384 |
| 119 | Waterman | Fred | Reach Back | TxSG | 210-487-9671 |
| 44 | Wells | Brandon | Alpha Operations Team Member | 6 CST | 419-266-4819 |
| 65 | Wells | Jennifer | Alpha Operations Team Member | TCEQ | 972-207-3529 |
| 16 | Williams | Cynthia | Documentation Lead | TCEQ | 432-638-3034 |
| 127 | Wood | Tony | Reach Back | NSCS | 210-867-2363 |

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

**3. Medical Aid Stations: Alpha Branch**

| Name | Location | Contact # | Paramedics On site (Y/N) |
|---|---|---|---|
| Al Amin Shiner<br>Maj G. Powell | 2001 Suntide Rd, Corpus Christi, TX 78409 | 512-233-9333 | N |
| | | | |

**4. Transportation**

| Ambulance Service | Address | Contact # | Paramedics On board (Y/N) |
|---|---|---|---|
| CORPUS CHRISTI FIRE DEPARTMENT/EMS SERVICES | 2406 LEOPARD Ste #300<br>Corpus Christi, TX 78408 | 911<br>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<br>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 | | |
| CHRISUS SPOHN MEMORIAL HOSPITAL | 2606 HOSPITAL BLVD<br>CORPUS CHRISTI 78405 | 361-902-4000 | 15 | 15 | N | Y |
| CHRISTUS SPOHN SHORELINE HOSPITAL<br>**(SNAKEBITES)**<br>**(WOUND CARE)**<br>**(HYPERBARIC )** | 600 ELIZABETH ST.<br>CORPUS CHRISTI 78404 (OPEN) | 361-881-3000 | | | C | Y |
| US ARMY INSTITUTE OF SURGICAL RESEARCH FORT SAM HOUSTON | 3400 RAWLEY E. CHAMBERS AVE.<br>SAN ANTONIO,TX 78234-5012 | 210-916-2720 | | | Y | |
| TRIUMPH HOSPITAL | 506 EAST SAN ANTONIO ST.<br>VICTORIA<br>(OPEN) | 361-575-7441 | | | N | Y |
| CITIZENS MEDICAL CENTER | 2701 HOSPITAL DRIVE<br>VICTORIA (OPEN) | 361-573-9181 | | | N | Y |
| REFUGIO COUNTY MEMORIAL HOSPITAL | REFUGIO,TX<br>ER ONLY | 361-526-2321 | | | N | Y |
| CHRISTUS SPOHN SOUTH HOSPITAL | 5950 SARATOGA BLVD<br>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 | **01Sep17/1105** | Reggie Book | 1 Sep 2017/1400 |

| 1. Incident Name<br>Sector Houston Gal Tropical Storm Harvey | 2. Operational Period (Date / Time)<br>From: 2 Sep 17 0700 To: 3 Sep 17 0700 | MEDICAL PLAN<br>ICS 206-CG |
|---|---|---|

**3. Medical Aid Stations**

| Name | Location | Contact # | Paramedics On site (Y/N) |
|---|---|---|---|
| Sec Houston /Galveston (CG personnel only) | 13411 Hillard Street, Galveston TX, | 281-464-4611 | N |
| | | | |
| | | | |
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**4. Transportation**

| Ambulance Service | Address | Contact # | Paramedics On board (Y/N) |
|---|---|---|---|
| Galveston Fire Dept | 823 Rosenberg, Galveston TX | 911 or 409-765-3702 | Y |
| Texas City Fire Dept and EMS | 1725 25th Street North, Texas City, TX | 911 or 409-392-2858 or Admin-409-643-5700 | Y |
| Ellington Field Fire and Nasa EMS | 14657 Sneider St, Houston, TX | 911 or 281-929-2337 | Y |
| Houston Fire and EMS | 922 Dixie Farm Rd, Houston, TX | 911 or Admin 832-394-6700 | Y |
| Webster Fire Dept and EMS | 18300 Highway 3 Webster, TX | 911 or Admin 281-316-3730 | Y |
| Acadian | 2022 Humble PL Dr, Humble TX 77338 | 281-548-7772 | Y |
| City Ambulance | 16911 Old Louetta Rd #6, Houston, TX | 911 or 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 maj trauma/No Hyperbaric Chamber) Lat: 29°32'49" N Long: 95°07'0.77W | 281-332-2511 | <5m | 5M | No | Yes |
| UTMB Galveston Level II | 901 Harbor side, Galveston, TX (Trauma LVL 1/ 3 heli pads, 1 burn center) Lat: 29°18'43.851" N Long: 94°46'41.703" W | 409-772-9505 | <10M | 45M | Yes | Yes |
| St. John's Clearlake Level III | 18300 St Johns Dr Houston TX 77058 (no burn/1 helo pad) Lat: 29°33'01.93" N Long: 095°05'08.07" W | (281) 333-5503 | 7M | 12M | No | yes |
| Memorial Hermann Southeast Level III | 11800 Astoria Blvd Houston, TX 77089 (helo pads and cath lab) Lat: 29°58'71"N Long: 95°21'67"W | (281) 929-6100<br>(281)669-8870 | 4M | 10 M | No | yes |

| | | | | | | |
|---|---|---|---|---|---|---|
| Pearland Medical Center<br><br>FLOODED/NOT AVAILABLE | 11100 Shadow Creek Parkway Pearland, Tx 77584 (no trauma/no burn/not helo accessible helo pad flooded) | (713) 770-7000 | <10M | 26M | No | Yes(flooded) |
| Memorial Herman Pearland Level IV | 16100 South Fwy Pearland TX 77584 (no level trauma/ 1 helo pad/no burn) Lat: 29°56'30" N Long: 95°38'85"W | (713) 413-6589<br><br>Command Center 713-413-6500 | 10M | 16M | No | Yes |
| Mainland TXC Level IV | 6801 Emmett Lowry Expressway, Texas City, Texas (hyperbaric chamber on call) Lat: 29°39'48"N Long: 94°98'59"W | (409) 938-5112/(409) 938-5050 ((409) 789-2656 hyper baric call number) | 30M | 45M | No | No |
| Memorial Hermann Hospital Level I | 6411 Fannin St, Houston, Texas 77030 (helo pad, Burn Center, and hyperbaric) Lat: 2942.8 Long: 9523.7 | 713-704-4000/2500/2578/4268<br>(713)704-1223 charge Nurse | 10M | 30M | Yes | Yes |
| San Jac Methodist Level IV | 4401 Garth Rd Baytown TX 77521 (no trauma/no burn/1 helo pad)<br>Lat:29.768N<br>Long:94.97W | (281) 420-8600 | 20M | 32M | No | Yes |
| Bay Area Regional Level III | 200 Blossom St Webster TX 77598 (no helo pad/no burn center/providing pharmacy support for active duty members) Lat: 29.544811 N Long: 95.125820 W | (281) 525-7000 | 5M | 12M | No | No |
| St Joseph Medical Center Level III | 1401 St Joseph Pkwy Houston TX (no burn/ 1 helo pad) 29.747621 N 95.365969W | (713) 757-1000 (713) 759-0635 Command Center | 15M | 29M | No | Yes |
| Christus St Elizabeth Level III<br>*Only accepting critical patients for stabilization and then transferring | 2830 Calder St, Beaumont, TX 77702 Lat: 30°10'13"N 094°10'13"W TSIO (no burn center/has hyperbaric)<br><br>*FLOODED | (409) 899-7888 | Aprox 1H | 2H | No | No |
| UTMB League City Level IV | 2240 Gulf Fwy.<br>League City, TX 77573 (No Helo pad, Utilizing parking lot for Helo access) | (409)-772-1011<br>(409)-772-9500 | 15M | 23M | No | No |
| Lafayette General Hospital Level I | 1214 Coolidge St Lafayette, LA 70503 (helo pad/ hyperbaric chamber/no burn) Lat: 30°12'05"N Long: 92°01'10"W | (337) 289-7991 | 3H | 3H 44M | No | Yes |
| South Cameron Memorial Hospital Level 4 | 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 | Aprox 2H | 3H 18 M | No | yes |

**6. Special Medical Emergency Procedures**

Initial triage is completed by Health Service technicians at medical aid station when possible if needed patients are sent via ambulance to nearest medical center capable of providing higher level of care. All patients will be tracked by medical staff, with timely information being fed to the ICS chain, regarding condition, facility patient is being transferred to, and periodic updates on condition. One government vehicle is available for medical to transport CG personnel only to transport between the AIRSTA and SECTOR and make pharmacy runs etc. Current HS staff is 16 HS and 1 CG Flight surgeon to rotate site aid station at clinic.

***Sick call services will be available 0700 TO 1600 Saturday and Sunday at Sector H/G clinic. After hours, call Duty HS at (281) 387-8998.***

For psychological cases will use local ER as needed.

Pharmacy Support for Active duty members provided by:
Bay Area Regional Pharmacy
Contact Mr. Lane at (985) 258-7335

Available Pharmacies:

Kroger Pharmacy 11701 S Sam Houston Pkwy E, Houston TX 77089
Contact: -281-484-7754
9am to 5pm for the rest of the week
During normal business hours 9am-9pm

HEB 2755 E League City Pkwy, League City, TX
(281) 334-2012 POC: (Sherly and Denise pharmacy contacts) 9am-6pm

Kroger pharmacy 1905 Elmar lane, Seabrook TX 77586
Contact: 281-474-7666
9am-9pm

Dental Officer onboard during normal business hours..

Medical Lobby dispensing location for personal hygiene items.

| 7. Prepared by: (Medical Unit Leader) | 8. Reviewed by: (Safety Officer) | Date/Time |
|---|---|---|
| e/Time Dat<br>CDR Warner/HSC Nea/ HSC Roberts 02<br>Sep 2017<br>0945 | | 2 SEPT 17<br>1910 |

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

**3. Medical Aid Stations: Charlie Branch**

| Name | Location | Contact # | Paramedics On site (Y/N) |
|---|---|---|---|
| MSU Port Arthur (Coast Guard Personnel ONLY) | 2901 Turtle Creek Drive, Port Arthur, TX 77642 | 409-723-6545 | N |
| U.S. Army (Captain Cochrane) | 3100 FM 365, Port Arthur , TX 77642 (Staging area in Sears Parking Lot) | 512-721-9388 | Y |
| | | | |
| | | | |
| | | | |

**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, Duty HS and the UC.**
**MSU PA Clinic: (409)723-6545**
**Duty HS cell phone: (409)719-1600**
**Safety Officer: (757)567-7653**

**Pharmacy:**
To get an emergency refill, take your prescription bottle to any TRICARE retail network pharmacy. To find a network pharmacy call Express Scripts at 1-877-363-1303.

**Medical Referrals:**
Due to the State of Emergency, as a result of Hurricane Harvey, all Beneficiaries from Houston counties in Texas are evacuated and they may not have to get a referral from their PCM to see a provider. They are able to schedule an appointment with a provider in the area where they are evacuated until September 5, 2017. Complete Texas list located on the Tricare website.

| 7. Prepared by: (Medical Unit Leader) | Date/Time | 8. Reviewed by: (Safety Officer) | Date/Time |
|---|---|---|---|
| HS2 Nicholas Angeles | 01Sep2017 / 1031 | Craig Groman | 01Sep2017 / 1035 |