REDACTED VERSION

# 2016 August Flood
# LDEQ Incident Command
# Incident Action Plan (IAP)

A driveway to a house on (b) (6) [redacted] is completely washed out as high water threatens homes and businesses in Amite, La. as storms threaten the north shore, Friday, August 12, 2016. (Photo by Ted Jackson, Nola.com | The Times-Picayune)

## Operational Period: Starting: 08:00 / 29 Aug 16
## Ending: 08:00 / 30 Aug 16

| Single Point of Contact (SPOC) | 225-219-3640 |
|---|---|
| **Hotline Numbers** | |
| DEQ<br>EPA<br>NRC<br>Louisiana State Police (LSP) | 888-763-5424<br>866-EPA-SPIL<br>800-424-8802<br>225-925-6595 |

9796721

| 1. Incident Name | 2. Operational Period Date / Time | INCIDENT OBJECTIVES ICS 202 |
|---|---|---|
| 2016 August Flood | From: 08/29/2016 / 08:00<br>To: 08/30/2016 / 08:00 | |

**3. Incident Objective(s)**

1. Ensure health and safety of responders and the public by conducting operations in accordance with the approved site safety plan.
2. Monitor debris activities at landfills
3. Continue to respond to complaints/concerns from citizens

**4. Operational Period Command Emphasis** ***(Priorities, Key Decisions for Operational Period)***

1. Complete detailed 214s as required, but it is not necessary to submit them to IC at the end of every day.
2. Develop plan for appropriate ICP staff; evaluate and provide appropriate "right sizing" of the organization to correlate with operational needs.
3. Reaching out to FEMA/ EPA for assistance with household hazardous waste, white goods, and orphan containers.
4. Do not put any photographs of flooding and damage on **ANY** type of social media.
5. The Incident Command main phone number is **(225) 219-1221**

**5. Weather Forcast**

Baton Rouge Area: Monday, August 29 - Partly cloudy, 40% chance of rain, high temp 89
Tuesday, August 30 - Partly cloudy, 40% chance of thunderstorms, High temp 93

**6. Safety Objectives**

1. **Staph infections** – due to recent outbreak of severe bacterial infections, all persistent rashes and/or swelling around cuts/abrasions must be reported to the Site Safety Officer.
2. **Driving** – Be aware of when driving since contractors are coming here to work from other states that are not familiar with Louisiana area roadways. Also be aware that in many areas, red lights are not functioning. Please use appropriate caution when approaching an intersection where this is the case.
3. **Road Hazards** - Trucks are loaded with debris and may not have the appropriate covering to prevent falling out during transport. Be alert, keep your distances, follow the laws, and drive safely.
4. **Debris Hazards** - Use a tool first when disturbing debris or overturning containers, and never use your hands. If needed, wear snake chaps during any operation with the potential to encounter snakes. If bitten or stung, seek medical assistance immediately, even if you're certain it wasn't a poisonous species.
5. **Reporting Injuries –** it is very crucial to report all injuries to your Supervisor or Safety Officer.

**Attachments (Mark if Attached)**

| | | |
|---|---|---|
| ☒ ICS 203 - Organizational Assignment List | ☒ ICS 207 - Incident Organization Chart | ☐ Other: Emergency Transportation Services |
| ☒ ICS 204 - Assignment List | ☐ ICS 215 - Operational Planning Worksheet | ☐ Other: Hospital Directory |
| ☐ ICS 205 - Incident Radio Communications Plan | ☒ ICS 215a - IAP Safety Analysis | ☐ Other: Division Orphan Container Maps |
| ☒ ICS 205a - Incident Communications Plan | ☐ ICS 230 - Daily Meeting Schedule | ☐ Other: Weather Forecast |
| ☒ ICS 206 - Medical Plan | ☒ Other: Safety Message | ☐ Other: Job Hazard Analysis |

☒ **Approved Site Safety Plans Located at:** ***ICP, LDEQ***

| 7. Prepared by: EPA Resource Unit: | Date | Time |
|---|---|---|
| Andy Messina, LDEQ | 08/28/2016 | 14:30 |
| **8. Reviewed by:** | **Date** | **Time** |
| Andy Messina, LDEQ | 08/28/2016 | 14:30 |
| **9. Approved by: Incident Commander:** | **Date** | **Time** |
| Ed Ballow, Incident Commander, LDEQ | **08/28/2016** | 15:00 |
| Ed Ballow | | |

| 1. Incident Name | 2. Operational Period Date / Time | ORGANIZATION ASSIGNMENT LIST ICS 203 |
|---|---|---|
| 2016 August Flood | From: 08/29/2016 / 08:00<br>To: 08/30/2016 / 08:00 | |

| 3. INCIDENT COMMANDER / COMMAND STAFF | |
|---|---|
| Incident Commander | Ed Ballow, LDEQ |
| Safety Officer | Tommy Doran, LDEQ |
| Information Officer | Greg Langley, LDEQ |
| Agency Representative | Gary Moore, EPA |
| Incident Advisor | Karen Price, LDEQ |
| Incident Advisor | Phyllis Luke, LDEQ |
| Legal Liaison | Oscar Magee, LDEQ |

| 4. PLANNING SECTION | |
|---|---|
| Chief | Andy Messina, LDEQ |
| Documentation Unit | Carla Morin, LDEQ |
| Resource Unit Leader | Taylor Alexander, LDEQ |
| Resource Unit | Anna Evans, LDEQ |
| Situation Unit Leader | Heather Toney, LDEQ |
| Situation Unit | Adrienne Bayhi, LDEQ |
| Data Management Unit | Phyllis Luke, LDEQ |

| 5. OPERATIONS SECTION | |
|---|---|
| Chief | Margaret Parker, LDEQ |
| **a. Acadiana Branch** | |
| Director | Rhonda McCormick, LDEQ |
| **b. Southwest Branch** | |
| Director | Billy Eakin, LDEQ |
| QA Coordinator | Chrissie Gubancsik, LDEQ |
| QA Coordinator | Marcie Sharpe, LDEQ |
| **c. EPA Response Branch** | |
| Director | Gary Moore, EPA |
| Supervisor | Bryant Smalley, EPA |
| **d. Capital Branch** | |
| Supervisor | Bobby Mayweather, LDEQ |
| QA Coordinator | Terry Dedon, LDEQ |
| **e. Debris Branch** | |
| Supervisor | Jodie Diamond, LDEQ |

| 6. LOGISTICS SECTION | |
|---|---|
| Chief | Evans Bordes, LDEQ |

| 7. FINANCIAL SECTION | |
|---|---|
| Chief | Fran Falke, LDEQ |
| **a. Time Unit** | |
| Supervisor | Angela Fabre, LDEQ |
| **b. Procurement Unit** | |
| Supervisor | Sharon Schexnayder, LDEQ |

**NOTES:**

ICS 203 will be updated as needed, finalized at the end of this operational period, and submitted in the final IAP.

| 9. Prepared By: (Planning Chief) | Date | Time |
|---|---|---|
| Andy Messina - LDEQ | 08/28/2016 | 14:30 |

| 1. Incident Name | 2. Operational Period Date / Time | 3. ESF | Assignment List ICS 204 |
|---|---|---|---|
| August 2016 Flood | From: 08/29/2016 / 08:00<br>To: 08/30/2016 / 08:00 | 10 | |

| 4. Branch | 5. Division/Group/Staging |
|---|---|
| | **Debris Site Assessment Group-HQ Office** |

**6. Operations Personnel**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| **Operations Section Chief** | Margaret Parker | DEQ | 225-219-1221 |
| Group Supervisor | Jodie Diamond | DEQ | 225-219-3045 |
| | | | |

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

| Strike Team/Task Force/ Resource Identifier | Leader | Contact Info. # | # of Persons | Reporting Info/Notes/Remarks | ↓ |
|---|---|---|---|---|---|
| HQ-DSA-1 | Mykenz Oates<br>Lina Saale | 225-284-4791<br>504-756-6449 | 2 | 8/29/16– Debris site inspections:<br>4462 Hwy 22 Sorrento | ☐ |
| HQ-DSA-2 | | | | | ☐ |
| HQ-DSA-3 | | | | | ☐ |
| HQ-DSA-4 | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

**8. Work Assignments**

Assess TSDR sites in impacted parishes/municipalities to determine compliance with EDAO and Debris Management Plan. Complete checklist, TEMPO entry and submit copies to EDMS. Send copy to Documentation Unit.

**9. Special Instructions**

Minimum Level D PPE as needed, ear plugs, hard hats for overhead hazards, steel-toed shoes, and work gloves (nitrile duty gloves, leather gloves). Beware of floodwaters, slips, trips, falls, unknown materials within debris, security, handling of unknown chemicals, and the movement of containers. It is recommended that insole inserts be used while performing operations in debris fields to prevent foot injuries.

**10. Communications (radio and/or phone contact numbers needed for this assignment)**

| Name/Function | Radio: Freq/System/Channel |
|---|---|
| Team 1 | Radio set to zone *DEQ-BR3 |
| | |
| | |
| | |

**Emergency Communications:** ***Call 911 and your Operations Chief***

| 11. Prepared by | Date / Time | 12. Reviewed by | Date / Time | 13. Reviewed by (IC) | Date / Time |
|---|---|---|---|---|---|
| Jodie Diamond | 8/26/16 1440 | **Andy Messina, PSC** | **08/28/2016 / 09:45** | **Ed Ballow** | **08/28/2016 / 09:45** |

| 1. Incident Name | 2. Operational Period Date / Time | 3. ESF | Assignment List ICS 204 |
|---|---|---|---|
| 2016 August Flood | From: 08/29/2016 / 08:00<br>To: 08/30/2016 / 08:00 | 10 | |

| 4. Branch | 5. Division/Group/Staging |
|---|---|
| ~~EPA~~ | **Response** |

**6. Operations Personnel**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| **Operations Section Chief** | Margaret Parker | LDEQ | 225-219-1221 |
| Branch Director | Gary Moore | EPA | 214-789-1627 |
| Group Supervisor | Bryant Smalley | EPA | 214-215-1783 |

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

| Strike Team/Task Force/ Resource Identifier | Leader | Contact Info. # | # of Persons | Reporting Info/Notes/Remarks | ↓ |
|---|---|---|---|---|---|
| EPA Team 1 | Danny Strong | 504-975-5309 | 3 | Weston Solutions Office<br>13702 Coursey Blvd, Bldg 7 Suite A<br>Baton Rouge, LA 70808 | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

**8. Work Assignments**

EPA Team 1; Continue oversite of Lard Oil Company, Inc. Oil Spill and Residential Cleanup

**9. Special Instructions**

Minimum Level D PPE as needed, ear plugs, hard hats for overhead hazards, steel-toed shoes, and work gloves (nitrile duty gloves, leather gloves). Beware of floodwaters, slips, trips, falls, unknown materials within debris, security, handling of unknown chemicals, and the movement of containers. It is recommended that insole inserts be used while performing operations in debris fields to prevent foot injuries.

**10. Communications (radio and/or phone contact numbers needed for this assignment)**

| Name/Function | Radio: Freq/System/Channel |
|---|---|
| | |
| | |
| | |
| | |

**Emergency Communications:** ***Call 911 and your Operations Chief***

| 11. Prepared by | Date / Time | 12. Reviewed by | Date / Time | 13. Reviewed by (IC) | Date / Time |
|---|---|---|---|---|---|
| Gary Moore, EPA | 08/28/2016 / 10:00 | **Andy Messina, PSC** | **08/28/2016 / 13:00** | **Ed Ballow** | **08/28/2016 / 13:00** |

| 1. Incident Name | 2. Operational Period Date / Time | Assignment List ICS 204 |
|---|---|---|
| August 2016 Flood | From: 08/29/2016 / 08:00<br>To: 08/30/2016 / 08:00 | |

| 3. Branch | 4. Division/Group/Staging |
|---|---|
| **Debris Branch** | **Landfill Assessment Group - ARO** |

**5. Operations Personnel**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| Operations Chief: | Margaret Parker | LDEQ | 225-219-1221 |
| Branch Director | Rhonda McCormick | LDEQ | 337-262-5584 |
| Supervisor: | | | |

**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 | ↓ |
|---|---|---|---|---|---|
| LA-LAT-1 | Jimbo Earles | 337-262-5584 | 1 | Landfill Assessments (Gordon's; Greenpoint) | ☐ |
| LA-LAT-2 | Kirby Brannon | 337-262-5584 | 1 | Landfill Assessments (Vermilion; Angco) | ☐ |
| LA-LAT-3 | Stephen Mattison | 337-262-5584 | 1 | Landfill Assessments (Iberia; Pellerin & Wallace) | ☐ |
| LA-LAT-4 | Vincent Chatelain | 318-487-5656 | 1 | Landfill Assessments (St. Landry Parish) | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

**7. Work Assignments**

Landfill Assessment Team (LAT) – Monitoring landfills that have been approved to accept construction and demolition debris for compliance with site's operational parameters, plan, and/or permit

**8. Special Instructions**

Minimum level of PPE: No PPE for meetings at area OEPs. However, as needed, ear plugs, hard hats for overhead hazards, steel-toed shoes, and work gloves (nitrile duty gloves, leather gloves). Beware of floodwaters, slips, trips, falls, unknown materials within debris, security, handling of unknown chemicals, and the movement of containers

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

| Name/Function | Radio: Freq/System/Channel |
|---|---|
| Teams 1-4 | Radio set to zone *DEQ-BR3 |

**Emergency Communications:** ***Call 911 and your Branch Director***

| 10. Prepared by | Date / Time | 11. Reviewed by | Date / Time | 12. Reviewed by (IC) | Date / Time |
|---|---|---|---|---|---|
| Rhonda McCormick, LDEQ | 8/28/2016 / 9:55 | Andy Messina, PSC | 08/28/2016 / 13:00 | Ed Ballow | 08/28/2016 / 13:00 |

| 1. Incident Name | 2. Operational Period Date / Time | ESF | Assignment List ICS 204 |
|---|---|---|---|
| 2016 August Flood | To: 08/29/2016 / 08:00<br>From: 08/30/2016 / 08:00 | 3 | |

| 3. Branch | 4. Division/Group/Staging |
|---|---|
| **Debris Branch** | **Landfill Assessment Group** |

**5. Operations Personnel**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| Operations Chief: | Margaret Parker | LDEQ | 225-219-1221 |
| Branch Director | Bobby Mayweather | LDEQ | 225-219-3600 |
| QA Coordinator | Terry Dedon | LDEQ | 225-219-3600 |

**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 | ↓ |
|---|---|---|---|---|---|
| CRO-LAT-1 | Daniel Cheatham / Aldo Guerrero | 225-219-3600 | 2 | East Baton Rouge (North and Ronaldson Field landfills) | ☐ |
| CRO-LAT-2 | April Wallace / Brad Gauthier | 225-219-3600 | 2 | Ascension Parish (BFI Colonial and Gator Environmental landfills) | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

**7. Work Assignments**

Landfill Assessment Team (LAT) – Monitoring landfills that have been approved to accept the expanded definition of construction and demolition debris for compliance with site's operational parameters, plan, and/or permit

**8. Special Instructions**

Minimum level of PPE: No PPE for meetings at area OEPs. However, as needed, ear plugs, hard hats for overhead hazards, steel-toed shoes, and work gloves (nitrile duty gloves, leather gloves). Beware of floodwaters, slips, trips, falls, unknown materials within debris, security, handling of unknown chemicals, and the movement of containers

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

| Name/Function | Radio: Freq/System/Channel |
|---|---|
| Teams 1-2 | Radio set to zone *DEQ-BR3 |
| | |
| | |

**Emergency Communications:** ***Call 911 and your Branch Director***

| 10. Prepared by | Date / Time | 11. Reviewed by | Date / Time | 12. Reviewed by (IC) | Date / Time |
|---|---|---|---|---|---|
| Mary David, LDEQ | 08/28/2016 / 10:29 | **Andy Messina, PSC** | **08/28/2016 / 13:00** | Ed Ballow | 08/28/2016 / 13:00 |

| 1. Incident Name | 2. Operational Period Date / Time | 3. ESF | Assignment List ICS 204 |
|---|---|---|---|
| 2016 August Flood | From: 08/29/2016 / 08:00<br>To: 08/30/2016 / 08:00 | 10 | |

| 4. Branch | 5. Division/Group/Staging |
|---|---|
| **Southwest Branch** | **Facility Damage Assessment-SWRO** |

**6. Operations Personnel**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| **Operations Section Chief** | Margaret Parker | LDEQ | 225-219-1221 |
| **Branch Director** | Billy Eakin | LDEQ | 337.491.2756 |
| **QA Coordinator** | Chrissie Gubancsik/Marcie Sharpe | LDEQ | 337.491.2806 /337.491.2713 |

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

| Strike Team/Task Force/ Resource Identifier | Team Composition | Contact Info. # | # of Persons | Reporting Info/Notes/Remarks | ↓ |
|---|---|---|---|---|---|
| SW-FDA-1 | Billy Eakin (TL);<br>Chrissie Gubancsik | 337.491.2756<br>337.491.2806 | 2 | 08/29/2016- regional team on standby for backup duties with ARO. | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

**8. Work Assignments**

Assess industrial facilities in impacted parishes. Facilities are listed in the Response Manager Facilities/spills modules. Complete RM entries per guidance documents and submit for QA review to Branch QA Coordinator.

**9. Special Instructions**

Minimum Level D PPE as needed, ear plugs, hard hats for overhead hazards, steel-toed shoes, and work gloves (nitrile duty gloves, leather gloves). Beware of floodwaters, slips, trips, falls, unknown materials within debris, security, handling of unknown chemicals, and the movement of containers. It is recommended that insole inserts be used while performing operations in debris fields to prevent foot injuries.

**10. Communications (radio and/or phone contact numbers needed for this assignment)**

| Name/Function | Radio: Freq/System/Channel |
|---|---|
| All Teams | Radio set to zone *DEQ-BR3 |
| | |
| | |
| | |

**Emergency Communications:** ***Call 911 and your Operations Chief***

| 11. Prepared by | Date / Time | 12. Reviewed by | Date / Time | 13. Reviewed by (IC) | Date / Time |
|---|---|---|---|---|---|
| Chrissie Gubancsik | 8/25/2016 /1:35 pm | Andy Messina, PSC | 08/28/2016 / 13:00 | Ed Ballow | 08/28/2016 / 13:00 |
| | | | | | |

| 1. Incident Name | 2. Operational Period Date / Time | 3. ESF | Assignment List ICS 204 |
|---|---|---|---|
| August 2016 Flood | From: 08/29/2016 / 08:00<br>To: 08/30/2016 / 08:00 | 8 | |

| 4. Branch | 5. Division/Group/Staging |
|---|---|
| | **Waste Water Treatment Plant Assessment-Acadiana Regional Office** |

**6. Operations Personnel**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| **Operations Section Chief** | Margaret Parker | LDEQ | 225-219-1221 |
| Group Supervisor | Rhonda McCormick | LDEQ | 337-262-5588 |
| | | | |

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

| Strike Team/Task Force/ Resource Identifier | Leader | Contact Info. # | # of Persons | Reporting Info/Notes/Remarks | ↓ |
|---|---|---|---|---|---|
| ARO-WWA-1 | Shane Miller | 337-262-5584 | 1 | 08/29/2016 – Conducting WWTP Assessments in Acadia Parish | ☐ |
| ARO-WWA-2 | Corey Schwartzenburg | 337-262-5584 | 1 | 08/29/2016 – Conducting WWTP Assessments in Lafayette Parish and Evangeline Parish | ☐ |
| ARO-WWA-3 | Isaac Wiggins | 337-262-5584 | 1 | 08/29/2016 – Conducting WWTP Assessments in St. Martin Parish | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

**8. Work Assignments**

Access sewage treatment plant in impacted parishes. Facilities are listed in the Waste Water modules. Complete RM entries per guidance documents and submit for QA review to Branch QA Coordinator.

**9. Special Instructions**

Minimum Level D PPE as needed, ear plugs, hard hats for overhead hazards, steel-toed shoes, and work gloves (nitrile duty gloves, leather gloves). Beware of floodwaters, slips, trips, falls, unknown materials within debris, security, handling of unknown chemicals, and the movement of containers. It is recommended that insole inserts be used while performing operations in debris fields to prevent foot injuries.

**10. Communications (radio and/or phone contact numbers needed for this assignment)**

| Name/Function | Radio: Freq/System/Channel |
|---|---|
| Team 1-3 | Radio set to zone *DEQ-BR3 |
| | |
| | |
| | |

**Emergency Communications:** ***Call 911 and your Operations Chief***

| 11. Prepared by Date / Time | 12. Reviewed by Date / Time | 13. Reviewed by (IC) Date / Time |
|---|---|---|
| Rhonda McCormick, LDEQ 08/28/2016 / 9:50 | **Andy Messina, PSC 08/28/2016 / 13:00** | **Ed Ballow 08/28/2016 / 13:00** |

| 1. Incident Name | 2. Operational Period Date / Time | 3. ESF | Assignment List ICS 204 |
|---|---|---|---|
| August 2016 Flood | From: 08/29/2016 / 08:00<br>To: 08/30/2016 / 08:00 | 8 | |

| 4. Branch | 5. Division/Group/Staging |
|---|---|
| | **Waste Water Treatment Plant Assessment-Capital Regional Office** |

**6. Operations Personnel**

| ICS Position | Name | Affiliation | Contact # (s) |
|---|---|---|---|
| **Operations Section Chief** | Margaret Parker | LDEQ | 225-219-1221 |
| Group Supervisor | Bobby Mayweather | LDEQ | 504-737-7717 |
| | | | |

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

| Strike Team/Task Force/ Resource Identifier | Leader | Contact Info. # | # of Persons | Reporting Info/Notes/Remarks | ↓ |
|---|---|---|---|---|---|
| CRO-WWA-1 | Bob Crain/Sean Darensbourg | 225-219-3600 | 2 | 08/29/2016, Ground Assessment for facilities with no response/resolution | ☐ |
| CRO-WWA-2 | Ashlie LeBlanc | 225-219-3600 | 1 | 08/29/2016, Phone Assessments, Priority Facilities | ☐ |
| CRO-WWA-3 | Marla Cobb | 225-219-3600 | 1 | 08/29/2016, Phone Assessments, Priority Facilities | ☐ |
| CRO-WWA-4 | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |
| | | | | | ☐ |

**8. Work Assignments**

Access sewage treatment plant in impacted parishes. Facilities are listed in the Waste Water modules. Complete RM entries per guidance documents and submit for QA review to Branch QA Coordinator.

**9. Special Instructions**

Minimum Level D PPE as needed, ear plugs, hard hats for overhead hazards, steel-toed shoes, and work gloves (nitrile duty gloves, leather gloves). Beware of floodwaters, slips, trips, falls, unknown materials within debris, security, handling of unknown chemicals, and the movement of containers. It is recommended that insole inserts be used while performing operations in debris fields to prevent foot injuries.

**10. Communications (radio and/or phone contact numbers needed for this assignment)**

| Name/Function | Radio: Freq/System/Channel |
|---|---|
| Team 1-3 | Radio set to zone *DEQ-BR3 |
| | |
| | |
| | |

**Emergency Communications:** ***Call 911 and your Operations Chief***

| 11. Prepared by | Date / Time | 12. Reviewed by | Date / Time | 13. Reviewed by (IC) | Date / Time |
|---|---|---|---|---|---|
| Jason Fontenot | 08/28/2016/ 10:19 | **Andy Messina, PSC** | **08/28/2016 / 13:00** | **Ed Ballow** | **08/28/2016 / 13:00** |

| 1. Incident Name | 2. Operational Period Date / Time | INCIDENT COMMUNICATIONS PLAN ICS 205a |
|---|---|---|
| 2016 August Flood | From: 08/29/2016 / 0800<br>To: 08/30/2016 / 0800 | |

**3. 2016 August Flood Louisiana Communication Contact List**



| NAME | POSITION | PHONE NUMBER | AGENCY AFFILATION | EMAIL |
|---|---|---|---|---|
| ALEXANDER, Taylor | Resource Unit Leader | (225) 219-3811 | LDEQ OEC ENF | taylor.alexander@la.gov |
| BALLOW, Ed | Incident Commander | (225) 219-3525 | LDEQ OES AP MANUF | ed.ballow@la.gov |
| BAYHI, Adrienne | HQ Situation Unit | (225) 219-3805 | LDEQ OEC ENF WASTE | adrienne.bayhi@la.gov |
| BORDES, Evan | Logistics Section Chief | (225) 219-3160 | LDEQ OMF FS | evan.bordes@la.gov |
| BRANNON, Kirby | ARO LA LAT 2 | (337) 262-5584 | LDEQ OEC INSP ARO | kirby.brannon@la.gov |
| CHATELAIN, Vincent | ARO LA LAT 4 | (318) 487-5106 | LDEQ OEC INSP ARO | vincent.chatelain@la.gov |
| CHEATHAM, Daniel | CRO LA LAT 1 | (225) 219-3017<br>CRO 31 | LDEQ OEC INSP CRO | daniel.cheatham@la.gov |
| COBB, Marla | CRO WWA 3 | (225) 219-3265<br>CRO 19 | LDEQ OEC INSP CRO | marla.cobb@la.gov |
| CRAIN, Bob | CRO WWA 1 | (225) 219-3016<br>CRO 4 | LDEQ OEC INSP CRO | bob.crain@la.gov |
| DARENSBOURG, Sean | CRO WWA 1 | (225) 219-1191<br>CRO 23 | LDEQ OEC INSP CRO | sean.darensbourg@la.gov |
| DAVID, Mary | CRO Documentation | (225) 219-3813<br>CRO 8 | LDEQ OEC INSP CRO | mary.david@la.gov |
| DEDON, Terry | CRO QA Coordinator | (225) 219-3331<br>CRO 10 | LDEQ OEC INSP CRO | terry.dedon@la.gov |
| DIAMOND, Jodi | HQ Debris Assessment Branch Director | (255) 219-3045 | LDEQ OES SOLID | jodi.diamond@la.gov |
| DORAN, Tommy | HQ Safety Officer | (225) 219-3019 | LDEQ OEC REM | tommy.doran@la.gov |
| EAKIN, Billy | Southwest Branch Director<br>SWR FDA 1 Team Leader | (337) 515-7308<br>SW 1 | LDEQ OEC INSP SWRO | billy.eakin@la.gov |
| EARLES, Jimbo | ARO LA LAT 1 | (225) 933-8416 | LDEQ OEC INSP ARO | jimbo.earles@la.gov |

| 1. Incident Name | 2. Operational Period Date / Time | INCIDENT COMMUNICATIONS PLAN ICS 205a |
|---|---|---|
| 2016 August Flood | From: 08/29/2016 / 0800<br>To: 08/30/2016 / 0800 | |

**3. 2016 August Flood Louisiana Communication Contact List**



| NAME | POSITION | PHONE NUMBER | AGENCY AFFILATION | EMAIL |
|---|---|---|---|---|
| EVANS, Anna | HQ Resource Unit | (225) 219-3814 | LDEQ OEC ENF WTR | anna.evans@la.gov |
| FABRE, Angela | Time Unit Leader | (225) 219-3881 | LDEQ OMF FS FISCL | angela.fabre@la.gov |
| FALKE, Fran | Financial Section Chief | (225) 219-3864 | LDEQ OMF FS FISCL | fran.falke@la.gov |
| FONTENOT, Jason | CRO Documentation | (225) 219-3028<br>CRO 20 | LDEQ OEC INSP CRO | jasonlfontenot@la.gov |
| GAUTHIER, Bradley | CRO LA LAT 2 | (225) 219-3340 | LDEQ OEC INSP | bradley.gauthier@la.gov |
| GUBANCSIK, Chrissie | Southwest Branch<br>QA Coordinator<br>SWR FDA 1 | (337) 304-1854<br>SW 40 | LDEQ OEC USTRD | chrissie.gubancsik@la.gov |
| GUERRERO, Aldo | CRO LA LAT 1 | (225) 219-3364<br>CRO 27 | LDEQ OEC INSP CRO | aldo.guerrero@la.gov |
| LANGLEY, Gregory | Information Officer | (225) 219-3964 | LDEQ OSECR PUB INFO | gregory.langley@la.gov |
| LEBLANC, Ashlie | CRO WWA 2 | (225) 219-3361 | LDEQ OEC INSP CRO | ashlie.leblanc@la.gov |
| LUKE, Phyllis | Data Management Unit/Advisor | (225) 993-1971 | LDEQ OEC INSP ADM | phyllis.luke@la.gov |
| MAGEE, Oscar | HQ Legal Liason | (225) 219-4046 | LDEQ OSECR LEGAL SVS | oscar.magee@la.gov |
| MATTISON, Stephen | SWR LA LAT 3 | (337) 491-2717 | LDEQ OEC INSP SWRO | stephen.mattison@la.gov |
| MAYWEATHER, Bobby | Capital Branch Director | (225) 219-3015<br>CRO 1 | LDEQ OEC INSP CRO | bobby.mayweather@la.gov |
| MCCORMICK, Rhonda | Acadiana Branch Director<br>ARO FDA 2 | (337) 298-7277<br>ARO 31 | LDEQ OEC INSP ARO | rhonda.mccormick@la.gov |
| MESSINA, Andrew | Planning Section Chief | (225) 219-3676 | LDEQ OEC REM G2 | andrew.messina@la.gov |
| MILLER, Michael "Shane" | ARO WWA 1 | (337) 278-6811<br>ARO 29 | LDEQ OEC INSP ARO | shane.miller@la.gov |

| 1. Incident Name | 2. Operational Period Date / Time | INCIDENT COMMUNICATIONS PLAN ICS 205a |
|---|---|---|
| 2016 August Flood | From: 08/29/2016 / 0800<br>To: 08/30/2016 / 0800 | |

**3. 2016 August Flood Louisiana Communication Contact List**



| NAME | POSITION | PHONE NUMBER | AGENCY AFFILATION | EMAIL |
|---|---|---|---|---|
| MOORE, Gary | EPA Response EPA Agency Representative & Branch Director | (214) 789-1627 | EPA | moore.gary@epa.gov |
| MORIN, Carla | HQ Documentation Unit Leader | (225) 219-3646 | LDEQ OEC USTRD | carla.morin@la.gov |
| OATES, Mykenz | HQ DSA 1 | (225) 219-3068 | LDEQ OES WSTP WST | mykenz.oates@la.gov |
| PARKER, Margaret | Operations Section Chief | (206) 200-4682 CRO 24 | LDEQ OEC INSP CRO | margaret.parker@la.gov |
| PRICE, Karen | Liaison/Advisor | (225) 936-8832 ER 2 | LDEQ OEC INSP ADM | karen.price2@la.gov |
| SAALE, Lina | HQ DSA 1 | (225) 219-0029 | LDEQ OES HAZARD | lina.saale@la.gov |
| SCHEXNAYDER, Sharon | Procurement Unit Leader | (225) 219-3812 | LDEQ OMF FS FISCL | sharon.schexnayder@la.gov |
| SCHWARTZENBURG, Corey | ARO WWA 2 | (337) 254-8584 AR0 15 | LDEQ OEC INSP ARO | carlcorey.schwartzenburg@la.gov |
| SHARPE, Marcie | Southwest Branch QA Coordinator SWR FDA | (337) 491-2713 | LDEQ OEC INSP SWRO | marcie.sharpe@la.gov |
| SMALLEY, Bryant | EPA Response Group Supervisor | (214) 789-9587 | EPA | smalley.bryant@epa.gov |
| STRONG, Danny | EPA 1 Team Leader | (504) 975-5309 | EPA START - WESTON | danny.strong@westonsolutions.com |
| TONEY, Heather | Situation Unit Leader | (225) 219-3658 | LDEQ OEC INSP ADM | heather.toney@la.gov |
| WALLACE, April | CRO LA LAT 2 | (225) 219-3879 CRO 24 | LDEQ OEC INSP CRO | april.wallace@la.gov |
| WIGGINS, Isaac | ARO WWA 3 | (337) 262-1495 | LDEQ OEC INSP ARO | isaac.wiggins@la.gov |

| 4. Prepared by: | Date: | Time |
|---|---|---|
| Taylor Alexander, LDEQ, Documentation Unit Leader | 8/28/2016 | 12:45 |

| 1. Incident Name | 2. Operational Period Date / Time | INCIDENT COMMUNICATIONS PLAN ICS 205a |
|---|---|---|
| 2016 August Flood | From: 08/29/2016 / 0800<br>To: 08/30/2016 / 0800 | |

**3. 2016 August Flood Louisiana Communication Contact List**



| NAME | POSITION | PHONE NUMBER | AGENCY AFFILATION | EMAIL |
|---|---|---|---|---|

| 1. Incident Name | 2. Operational Period Date / Time | MEDICAL PLAN ICS 206 - EPA |
|---|---|---|
| 2016 August Flood | From: 08/29/2016 / 08:00<br>To: 08/30/2016 / 08:00 | |

**3. Incident Medical Aid Stations**

| Medical Aid Stations | Location | Paramedics | |
|---|---|---|---|
| | | Yes | No |
| | | | |

**4. Ambulance Services**

| Name | Address | Phone | Paramedics | |
|---|---|---|---|---|
| | | | Yes | No |
| Acadian Ambulance | 300 Hopkins Street Lafayette , LA | 911 or 800.259.1111 | X | |
| EBR EMS | 3801 Harding Blvd, Baton Rouge, LA | 911 | X | |
| Livingston/Ascension/Tangipahoa EMS | | 911 | X | |
| | | | | |
| | | | | |
| | | | | |

**5. Hospitals**

| Name | Address | Travel Time | | Phone | Helipad | | Burn Center | |
|---|---|---|---|---|---|---|---|---|
| | | Air | Ground | | Yes | No | Yes | No |
| Lafayette General Medical Center | 1214 Coolidge St.<br>Lafayette, LA | | | 337.289.8067 | X | | | X |
| North Oaks Medical Center | 15790 Paul Vega, MD Dr.,<br>Hammond, LA | | | 985.230.1300 (ER) | X | | | X |
| Our Lady of the Lake Regional Medical Center | 5000 Hennessey Blvd., Baton Rouge, LA | | | 225-765-8853 | X | | | X |
| Baton Rouge General-Bluebonnet | 8585 Picardy Ave, Baton Rouge, LA | | | 225-763-4438 | X | | | X |
| Abbeville General | 118 N. Hospital Dr.<br>Abbeville, LA | | | 337.898.6471 | X | | | X |
| Terrebonne General | 8166 Main St.<br>Houma | | | 985.873.4002 | X | | | X |
| Iberia Medical Center | 2315 East Main St.<br>New Iberia, LA | | | 337.364.0441 | X | | | X |
| Thibodaux Regional Medical Center | 602 N. Acadia Rd.<br>Thibodaux, LA | | | 985.493.4727 | X | | | X |
| St. Elizabeth | 1125 W. Hwy 30<br>Gonzales, LA | | | 225.647.5000 | X | | | X |
| | | | | | | | | |
| | | | | | | | | |

**6. Medical Emergency Procedures**

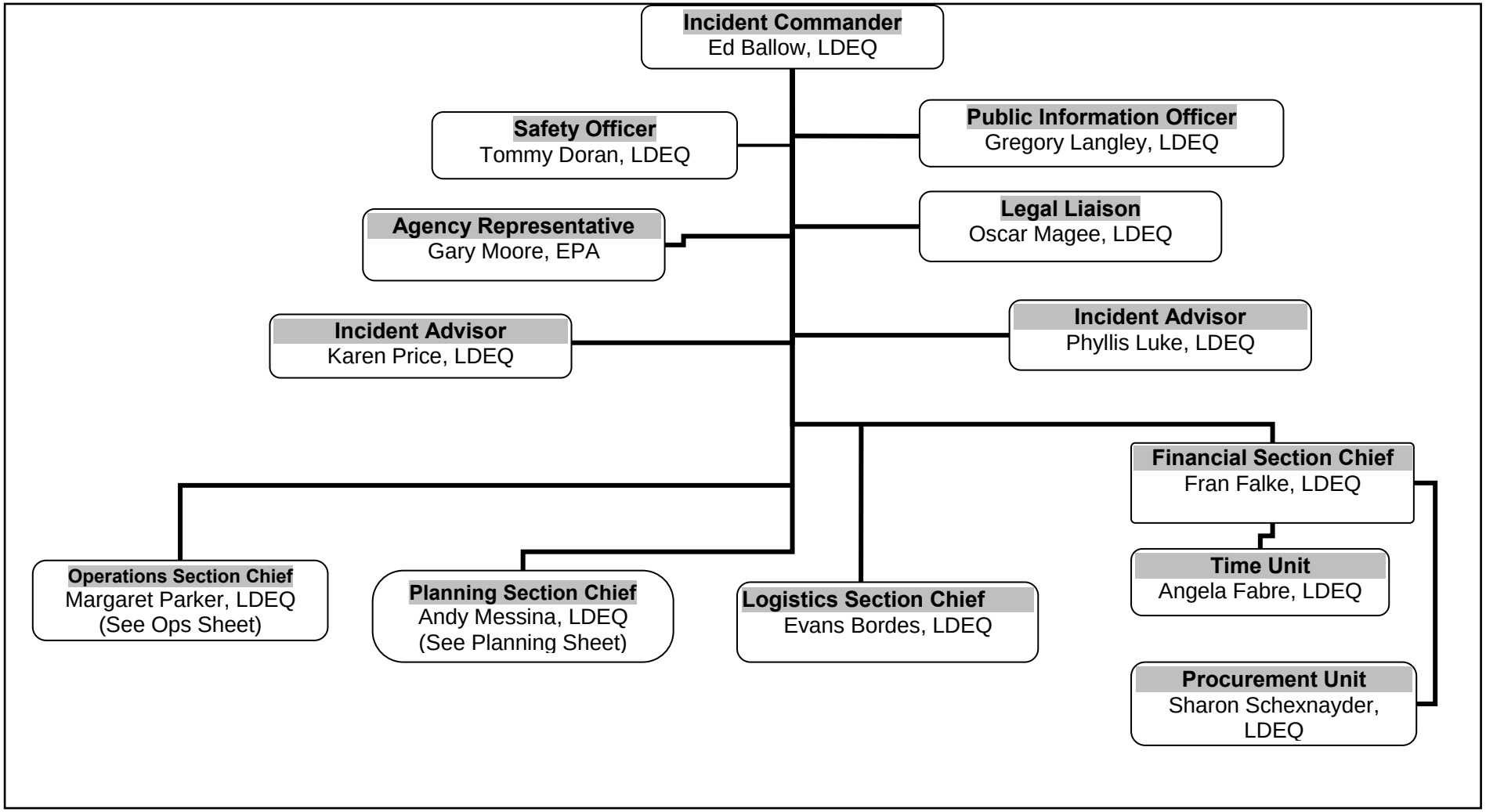
**LDEQ:**
Seek treatment at the nearest facility. Report all incidences to the Safety Office on duty.
Tommy Doran, Safety Officer -225-938-0086
Ed Ballow (Incident Command) 225-400-4171

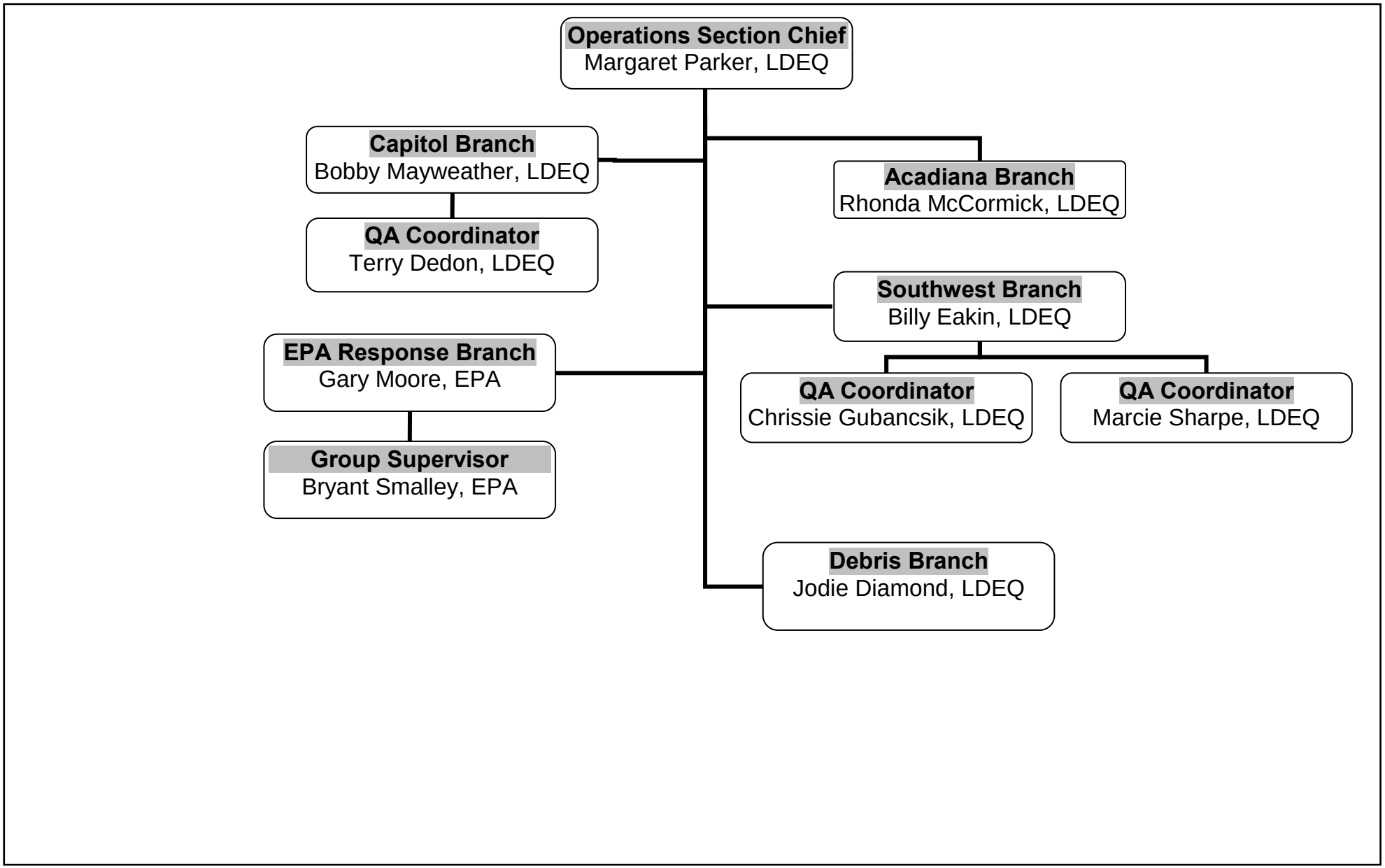
| 7. Prepared by (Medical Unit Leader) | Date | Time | 8. Reviewed by (DEQ/EPA Safety Officers) | Date | Time |
|---|---|---|---|---|---|
| Ed Ballow | 8/28/2016 | 13:00 | Tommy Doran | 8/28/2016 | 13:00 |

**Incident Name:** 2016 August Flood

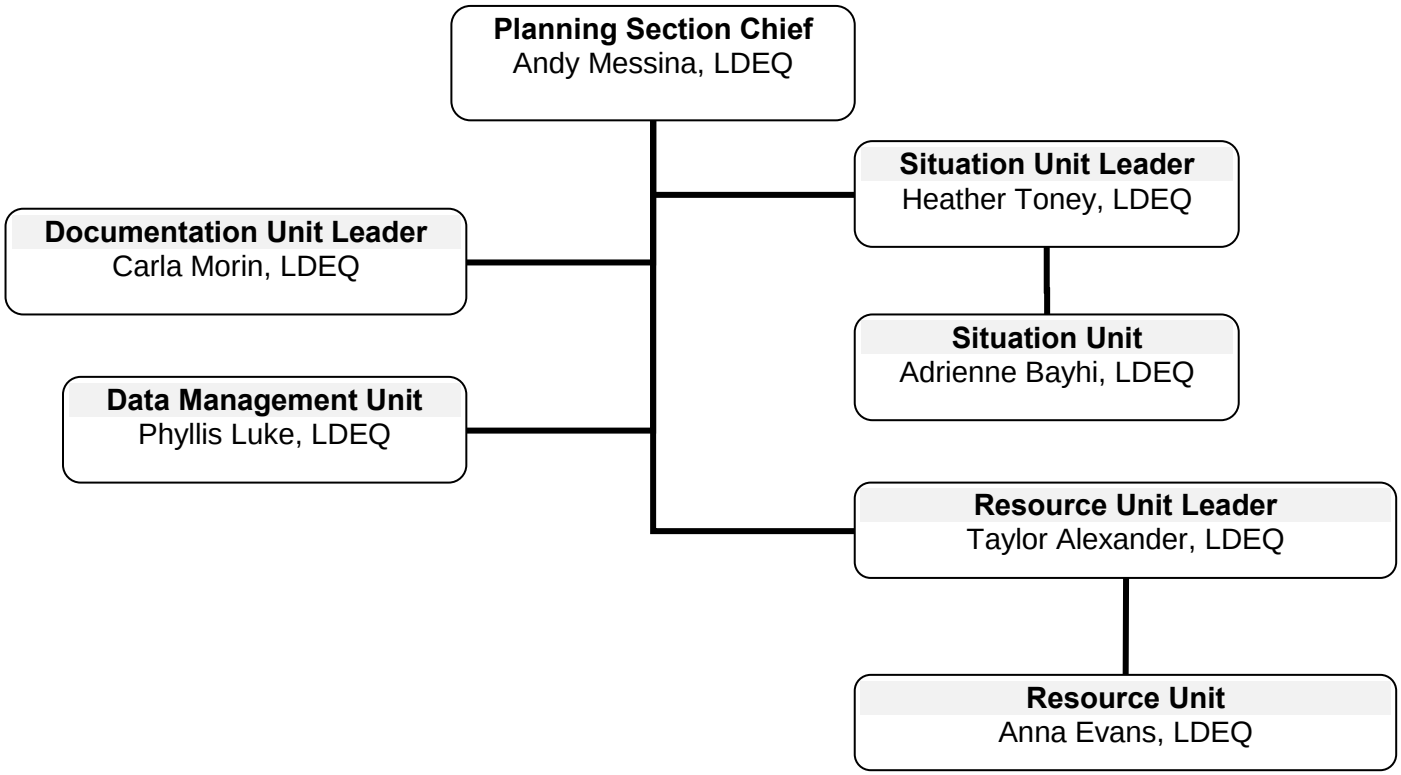
**Operational Period:** 08/29/2016 to 08/30/2016

**Date:** 08/28/2016 **Time:** 14:30






RM=Resource Manager




RM=Resource Manager

| 1. Incident Name | 2. Operational Period Date / Time | INCIDENT ACTION PLAN SAFETY ANALYSIS ICS 215a |
|---|---|---|
| 2016 August Flood Event | From: 08/29/2016 / 08:00<br>To: 08/30/2016 / 08:00 | |

**4. Risk**

| Division / Group | Heavy Equipment | Heat Stress | Electrical | Traffic | Slips/Trips/Falls | Snakes, gators, dogs | Hazardous Materials Operations | Biological | Aerial Overflights | Water Safety | Proper PPE | Communications | Air Monitoring | Personal Hygiene | Radiological | Aerial Overflights | 5. Risk Mitigations |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Hazardous Debris** | ☐ | ☒ | ☐ | ☐ | ☒ | ☒ | ☐ | ☐ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | Be aware of heavy equipment. Hydrate. Use care when approaching drums, compressed gas cylinders, and do not attempt handle or open. Watch out for snakes, alligators, and dogs. Min Level D (safety glasses/side shields, watertight boots/steel shanks, hardhats if overhead dangers, gloves, N-95 respiratory protection for dust, mold. Ensure all personnel have emergency contact numbers, appropriate evacuation procedures and training on communication equipment. |
| **Safety Recon** | ☐ | ☒ | ☐ | ☐ | ☒ | ☒ | ☐ | ☐ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | Hydrate. Minimum Level D (safety glasses with side shields, boots with steel shanks, hardhats if overhead dangers, gloves, N-95 protection for dusty conditions. Hearing protection in high noise area. Ensure all personnel have emergency contact numbers, appropriate evacuation procedures and training on communication equipment. Field inspectors should also wear high visibility vests while conducting inspections. |
| **Environmental Assessment** | ☐ | ☒ | ☐ | ☐ | ☒ | ☒ | ☐ | ☐ | ☐ | ☐ | ☒ | ☐ | ☒ | ☒ | ☐ | ☐ | Hydrate. Minimum Level D (safety glasses with side shields, boots with steel shanks, hardhats if overhead dangers, gloves, N-95 protection for dusty conditions. Hearing protection in high noise area. Ensure all personnel have emergency contact numbers, appropriate evacuation procedures and training on communication equipment. Air monitoring, MultiRAE, radiation, etc., if needed |
| **Recon** | ☐ | ☒ | ☐ | ☐ | ☒ | ☒ | ☐ | ☐ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | Hydrate. Minimum Level D (safety glasses with side shields, boots with steel shanks, hardhats if overhead dangers, gloves, N-95 protection for dusty conditions. Hearing protection in high noise area. Ensure all personnel have emergency contact numbers, appropriate evacuation procedures and training on communication equipment. |
| **Water Operations** | ☐ | ☒ | ☐ | ☐ | ☒ | ☒ | ☐ | ☐ | ☐ | ☐ | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | Hydrate. Minimum Level D. Be aware of submerged debris and sharp objects that can damage water craft. Watch out for indigenous wildlife. Maintain safe footing when entering and exiting water craft. Be aware for potential downed power lines. Watch for bubbles and unusual odors around gas pipelines. Use only approved Coast Guard personal flotation device (PFDs). Ensure water craft is equipped with CG approved water rescue equipment. Ensure all personnel have emergency contact numbers, appropriate evacuation procedures and training on communication equipment odors around gas pipelines. |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Pressurized Containers Removal** | ☐ | ☒ | ☐ | ☐ | ☒ | ☒ | ☐ | ☐ | ☐ | ☐ | ☒ | ☒ | ☒ | ☒ | ☐ | ☐ | Continuously monitor air quality for hazardous atmospheres using a 4 gas monitor with a PID. If leaking containers are encountered, contact hazardous materials personnel for removal. Wear appropriate PPE for the hazards encountered; at a minimum Level D (safety glasses with side shields, boots with steel shanks, hardhats if overhead dangers, gloves, N-95 respiratory protection for dusty conditions. Hearing protection in high noise area. Ensure all personnel have emergency contact numbers, appropriate evacuation procedures and training on communication equipment. If you discover barrels that are bulging at the end or emitting a hissing or whistling sound, evacuate to a safe distance and do not approach or touch. |
| **Heavy Equipment Awareness** | ☒ | ☐ | ☐ | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☒ | ☐ | ☐ | ☐ | ☐ | ☐ | Please be aware of all heavy equipment operating in your immediate vicinity. Also be aware of the range of motion and any reverse warning sirens to avoid personal injury from such equipment. Wear high visibility vests and make visual contact with heavy equipment operators so that they are aware of your presence. |
| **Tetanus Immunization** | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☒ | ☐ | ☐ | ☐ | ☐ | ☒ | ☐ | ☐ | ☐ | Tetanus immunizations should be up to date. Please contact Annette Sharpe to determine date last immunized, and region-specific information of who to contact and where to go to receive an immunization shot. |

| **6. Prepared By: (Name and Position)** | **Date** | **Time** |
|---|---|---|
| Tommy Doran, Safety Officer | 08/28/2016 | 14:00 |

**IAP SAFETY ANALYIS** **ICS 215a**

The Department is transitioning from search & rescue mode to recovery. During the current operational period the focus will be on Rapid Needs Assessment (RNA), water reconnaissance, and telephone notifications. Personal operating in the field should be aware of ongoing high water risks in many areas. Also, the potential exists for contact with dangerous wildlife (poisonous snakes, alligators, fire ants, etc.) Typical afternoon thunderstorms have the potential for frequent cloud to ground lighting, seek shelter with approaching storms. All staff has Stop Work Authority if the work situation presents unnecessary or undue hazards. As always, report all injuries to the Safety Officer, then clean and disinfect as soon as possible. Be aware of any heavy equipment operating in your immediate vicinity and be sure that heavy equipment operators are aware of your presence by waving and wearing high visibility vests. Tetanus immunizations need to be up to date for all field inspectors. Please contact Annette Sharp for more information. If you come into contact with any barrels that are bulging at the ends or are hissing or whistling because of a pressure release, DO NOT touch them, and immediately evacuate to a safe distance.

# Safety Message

**2016 August Flood** **Operational Period:** 08/29/2016/ 0800
08/30/2016/ 0800

**Major Hazards and Risk**:

*Defensive Driving, Road Washouts, Debris/Sampling, Electrical hazards, Security, Fatigue, PPE, Heat, Animals*

**Tetanus Immunization –** Inspectors going out into the field should be up to date on their immunizations. Please contact Annette Sharpe for more information including verification of immunization, and region-specific information including contacts and location of medical facilities.

**Heavy Equipment Awareness** – Please be aware of any heavy equipment working in your vicinity, and be sure heavy equipment operators are aware of your presence. Be aware of the equipment's range of movement and any reverse warning sirens. Please stand clear of any equipment in use.

**Defensive Driving** - Be alert. Drive with extreme caution. Items of concern are: 1) twisted or bent stop signs and the absence of signs at intersections; 2) road debris such as leaning electrical poles and downed power lines. Be aware of service people working while driving. Be aware of road grade stability caused by flooding and washouts.

**Debris/ Sampling**: Wear Appropriate PPE when entering and exiting debris fields. All field inspectors are reminded to wear high visibility vests during inspections Be aware of hollow spaces in debris fields. Exercise caution during tree trimming to avoid lacerations. Be aware of potential conditions for fire and explosions. If you are on landfill assessment duty, always check the condition of your vehicles before leaving the facility and getting back on the highway. During field inspections, inspectors may come into contact with barrels on site. If barrels have bulging lids, or are hissing or whistling due to a release of internal pressure, DO NOT TOUCH, back away to a safe distance and report the location immediately

**Fatigue:** Know your limitations. Watch for signs of fatigue, mental confusion, slower physical and mental reaction times. Be aware of items around you can potentially cause slips, trips or falls. Be sure to get proper rest before extended field activities.

**PPE/First Aid**: Personal protective equipment is the first line of defense against injury or potential exposures. All field work requires the minimum of Level D protection. Dust masks are available for inspectors if needed. First aid supplies are available if needed, please determine if they are needed before leaving your office to conduct inspections. You can obtain these items at the incident Command Center, or at your regional office.

**Wild Animals –** Please beware that wild animals and insects are being displaced by raising flood waters. Do not approach any wild animals. Be aware of snakes, alligators, black bear, raccoon, possums, armadillos, deer, ants, and other stinging insects.

**Mosquitoes**: WEAR INSECT REPELLANT.

**Hydrate/Heat**: Stay hydrated. Remember to drink plenty of fluids. Always bring water or fluids with you since many facilities have suffered damage and are not open or are without power at this time. Apply sunscreen to exposed skin during prolonged outdoor activities.

**Weather Forecast:** Be aware of potential lightning hazards associated with thunderstorms

Monday August 29: Partly cloudy early. Scattered thunderstorms developing in the afternoon. High 89F. Winds ENE at 5 to 10 mph. Chance of rain 40%

Tuesday August 30: Partial cloudiness early, with scattered showers and thunderstorms in the afternoon. High 93F. Winds NE at 5 to 10 mph. Chance of rain 40%.

*Some parishes are still experiencing flooding from this event. Please be aware of driving conditions for yourself and the other driver who could hit you if they missed seeing the downed or twisted STOP sign at that intersection. You could be totally right and have the right away and still end up in the hospital. Drive defensively.*

***Avoid driving through flooded areas. Remember….Two feet of rushing water can carry away most vehicles including trucks/pickups. Turn around and don't drown.***

Tommy Doran (225) 219-1221 Incident Command Center - HQ
LDEQ Safety Officer (225) 938-0086 Cell