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

A handout picture provided by the U.S. Coast Guard shows a flooded area of Baton Rouge, LA, on Aug. 15, 2016.
(MELISSA LEAKE/US COAST GUARD/HAN / EPA)

Operational Period: Starting: 08:00 / 20 Aug 16
Ending: 08:00 / 21 Aug 16

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

9874408

1. Incident Name	2. Operational Period Date / Time	INCIDENT OBJECTIVES ICS 202
2016 August Flood	From: 08/20/2016 / 08:00 To: 08/21/2016 / 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. RNA Assessment Teams are completed
3. Monitor Requests for New Debris Sites
4. 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: Saturday, August 20 - 60% chance of scattered thunderstorms High temp 87
Sunday, August 21 - 60% chance of scattered thunderstorms High temp 88

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***

	Date	Time
7. Prepared by: EPA Resource Unit:		
Andy Messina, LDEQ	08/19/2016	14:30
8. Reviewed by:	**Date**	**Time**
Andy Messina, LDEQ	08/19/2016	14:30
9. Approved by: Incident Commander:	**Date**	**Time**
Ed Ballow, Incident Commander, LDEQ	**08/19/2016**	15:00

1. Incident Name	2. Operational Period Date / Time	ORGANIZATION ASSIGNMENT LIST ICS 203
2016 August Flood	From: 08/20/2016 / 08:00 To: 08/21/2016 / 08:00	

3. INCIDENT COMMANDER / COMMAND STAFF	
Incident Commander	Ed Ballow, LDEQ
State Senior Official	Bryan Riche, LDEQ
Safety Officer	Wayne Slater, LDEQ
Information Officer	Greg Langley, LDEQ
Agency Representative	Gary Moore, EPA
Incident Advisor	Karen Price, LDEQ
Incident Advisor	Phyllis Luke, LDEQ

4. PLANNING SECTION	
Chief	Andy Messina, LDEQ
Documentation Unit	Robin St. Pierre, LDEQ
Resource Unit	Taylor Alexander, LDEQ
Situation Unit	Heather Toney, 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 Repsonse Branch	
Director	Gary Moore, EPA
Supervisor	Bryant Smalley, EPA
d. Emergency Response Branch	
Incident Commander	Ed Ballow, LDEQ
Group Supervisor	Bryan Riche, 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	08/19/2016	14:30

1. Incident Name	2. Operational Period Date / Time	3. ESF	Assignment List ICS 204
2016 August Flood	From: 08/20/2016 / 08:00 To: 08/21/2016 / 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	
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	Robert Sherman	225-573-9785	2	Weston Solutions Office 13702 Coursey Blvd, Bldg 7 Suite A Baton Rouge, LA 70808	☐
EPA Team 2	Eric Hadwin	225-773-9104	2	Weston Solutions Office 13702 Coursey Blvd, Bldg 7 Suite A Baton Rouge, LA 70808	☐
					☐
					☐
					☐
					☐
					☐

8. Work Assignments

EPA Team 1; Continue evaluation of Lard Oil Company, Inc.
EPA Team 2: Remain available as necessary for responding to specific incidents directed by Operations Section

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
Resource Manager Taylor Alexander	08/19/2016 / 10:00	**Andy Messina, PSC**	**08/19/2016 / 13:00**	**Ed Ballow**	**08/19/2016 / 13:00**

1. Incident Name	2. Operational Period Date / Time	3. ESF	Assignment List ICS 204
August 2016 Flood	From: 08/20/2016 / 8:00 To: 08/21/2016 / 8:00	10	

4. Branch	5. Division/Group/Staging
	Emergency Response Group

6. Operations Personnel

ICS Position	Name	Affiliation	Contact # (s)
Incident Commander	Ed Ballow	LDEQ	225-219-1211
Group Supervisor	Brian Riche	LDEQ	225-219-2966

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	↓
Team 1-ARO	Kirby Brannon		1	Respond to emergencies as needed	☐
Team 2-KCRO	Chris Rajewski		1	Respond to emergencies as needed	☐
Team 3 – SWRO	Danny Chapman		1	Respond to emergencies as needed	☐
Team 4 – SERO/CRO	Jeff Parham, Holly Hermann		2	Respond to emergencies as needed	☐
					☐
					☐
					☐

8. Work Assignments

Respond to emergencies as needed.

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 1-4	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
Andy Messina, PSC	08/19/2016 / 14:00	**Andy Messina, PSC**	**08/19/2016 / 14:00**	**Ed Ballow**	**08/19/2016 / 14:30**

1. Incident Name	2. Operational Period Date / Time	3. ESF	Assignment List ICS 204
August 2016 Flood	From: 08/20/2016 / 8:00 To: 08/21/2016 / 8:00	10	

4. Branch	5. Division/Group/Staging
	Facility Damage Assessment-Acadiana Regional Office

6. Operations Personnel

ICS Position	Name	Affiliation	Contact # (s)
Operations Section Chief	Margaret Parker	LDEQ	225-993-1971
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-FDA-1	Rhonda McCormick; Brian Fontenot	337-262-5584	2	08/20/2016 – Make FDA calls to Priority I, II, & III Facilities in affected parishes	☐
ARO-FDA-2					☐
ARO-FDA-3					☐
ARO-FDA-4					☐
ARO-FDA-5					☐
					☐
					☐

8. Work Assignments

Conduct assessments of Priority 1 & 2 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
Team 1-5	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	08/19/2016/ 11:34	**Andy Messina, PSC**	**8/19/2016 / 12:00**	**Ed Ballow**	**8/19/2016 / 12:00**

1. Incident Name	2. Operational Period Date / Time	3. ESF	Assignment List ICS 204
2016 August Flood	From: 08/20/2016 / 07:00 To: 08/21/2016 / 07:00	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	
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), Chrissie Gubancsik	337.515.7308; 337.304.1854	2	08/20/2016- stand by for further instruction	☐
					☐
					☐
					☐
					☐
					☐
					☐

8. Work Assignments

*stand by
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	8/19/2016 / 09:45	Andy Messina, PC	8/19/2016/ 10:40	Ed Ballow	8/19/2016 13:00

1. Incident Name	2. Operational Period Date / Time	INCIDENT COMMUNICATIONS PLAN ICS 205a
2016 August Flood	From: 08/20/2016 / 0800 To: 08/21/2016 / 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
BERGER, William "Chuck"	Phone Assessment Group HQ QA Coordinator	(225) 219-3366	LDEQ OES WTPR ADM	chuck.berger@la.gov
BORDES, Evan	Logistics Section Chief	(225) 219-3160	LDEQ OMF FS	evan.bordes@la.gov
BRANNON, Kirby	Emergency Response Group ARO ER 1	(337) 262-5584	LDEQ OEC INSP ARO	kirby.brannon@la.gov
CHAPMAN, Dan	Emergency Response Group SWR ER 3	(337) 491-2750 ER 7	LDEQ OEC AD ER	danny.chapman@la.gov
EAKIN, Billy	Southwest Branch SWR FDA 1 Branch Director	(337) 515-7308 SW 1	LDEQ OEC INSP SWRO	billy.eakin@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, Brian	ARO FDA 1	(337) 258-3071 ARO 37	LDEQ OEC INSP ARO	brian.fontenot@la.gov
GUBANCSIK, Chrissie	Southwest Branch Facility Damage Assessment SWR FDA 1 QA Coordinator	(337) 304-1854 SW 40	LDEQ OEC USTRD	chrissie.gubancsik@la.gov
GUILLIAMS, James Scott	Phone Assessment Group Branch Director	(225) 219-3187	LDEQ OES WTPR ADM	scott.guilliams@la.gov
HADWIN, Erik	EPA Response EPA 2 Team Leader	(225) 773-9104	EPA START - WESTON	erik.hadwin@westonsolutions.com
HERRMANN, Holly	Emegency Response Group SERO/CRO ER 4	(504) 736-7749	LDEQ OEC INSP SER	holly.herrmann@la.gov
LANGLEY, Gregory	Information Officer	(225) 219-3964	LDEQ OSECR PUB INFO	gregory.langley@la.gov

1. Incident Name	2. Operational Period Date / Time	INCIDENT COMMUNICATIONS PLAN ICS 205a
2016 August Flood	From: 08/20/2016 / 0800 To: 08/21/2016 / 0800	

3. 2016 August Flood Louisiana Communication Contact List

NAME	POSITION	PHONE NUMBER	AGENCY AFFILATION	EMAIL
LUKE, Phyllis	Data Management Unit/Advisor	(225) 993-1971	LDEQ OEC INSP ADM	phyllis.luke@la.gov
MCCORMICK, Rhonda	Acadiana Branch ARO FDA 2 Branch Director	(337) 298-7277 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
MOORE, Gary	EPA Response EPA Branch Director	(214) 789-1627	LDEQ EPA	moore.gary@epa.gov
PARHAM, Jeff	Emergency Response Group SERO/CRO ER 4	(504) 736-7766	LDEQ OEC REM	Jeffery.parham@la.gov
PARKER, Margaret	Operations 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
RAJEWSKI, Christopher	Emergency Response Group KCO ER 2	(318) 487-5589	LDEQ OEC INSP ARO	chris.rajewski@la.gov
RICHE, Bryan	Rapid Needs Assessment & Emergency Response Senior State Official	(225) 219-2966 ER 10	LDEQ OEC AD ADM	bryan.riche@la.gov
SCHEXNAYDER, Sharon	Procurement Unit Leader	(225) 219-3812	LDEQ OMF FS FISCL	sharon.schexnayder@la.gov
SHARPE, Marcie	Southwest Branch Facility Damage Assessment SWR QA Coordinator	(337) 491-2713 ARO 21	LDEQ OEC INSP SWRO	marcie.sharpe@la.gov
SHERMAN, Robert	EPA Response EPA 2 Team Leader	(225) 573-9785	EPA START - WESTON	robert.sherman@westonsolutions.com
SLATER, Wayne	Safety Officer	(225) 219-3729	LDEQ OEC ENF WTR	wayne.slater@la.gov
SMALLEY, Bryant	EPA Response Group Supervisor	(214) 789-9587	EPA	smalley.bryant@epa.gov
ST. PIERRE, Robin	Documentation Unit Leader	(225) 219-3641	LDEQ OEC INSP ADM	robin.st.pierre@la.gov
TONEY, Heather	Situation Unit Leader	(225) 219-3658	LDEQ OEC INSP ADM	heather.toney@la.gov

4. Prepared by:	Date:	Time
Robin St. Pierre, LDEQ, Documentation Unit Leader	8/19/2016	13:55

1. Incident Name	2. Operational Period Date / Time	INCIDENT COMMUNICATIONS PLAN ICS 205a
2016 August Flood	From: 08/20/2016 / 0800 To: 08/21/2016 / 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: 08/20/2016 / 08:00 To: 08/21/2016 / 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. Lafayette, LA			337.289.8067	X			X
North Oaks Medical Center	15790 Paul Vega, MD Dr., 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. Abbeville, LA			337.898.6471	X			X
Terrebonne General	8166 Main St. Houma			985.873.4002	X			X
Iberia Medical Center	2315 East Main St. New Iberia, LA			337.364.0441	X			X
Thibodaux Regional Medical Center	602 N. Acadia Rd. Thibodaux, LA			985.493.4727	X			X
St. Elizabeth	1125 W. Hwy 30 Gonzales, LA			225.647.5000	X			X

6. Medical Emergency Procedures

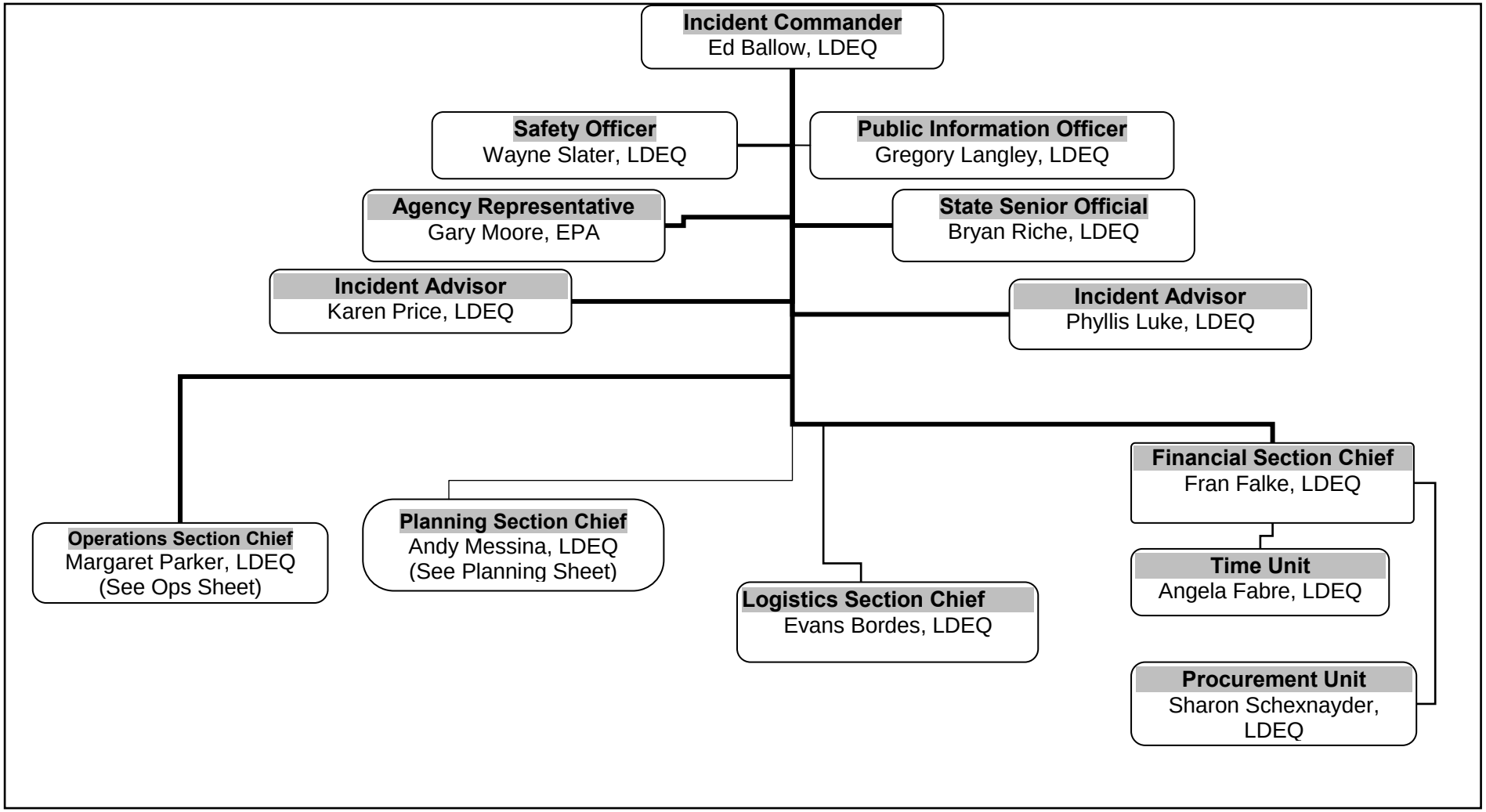
LDEQ:
Seek treatment at the nearest facility. Report all incidences to the Safety Office on duty.
Wayne Slater, Safety Officer -225-721-1831
Ed Ballow (Incident Command) 225-400-4171

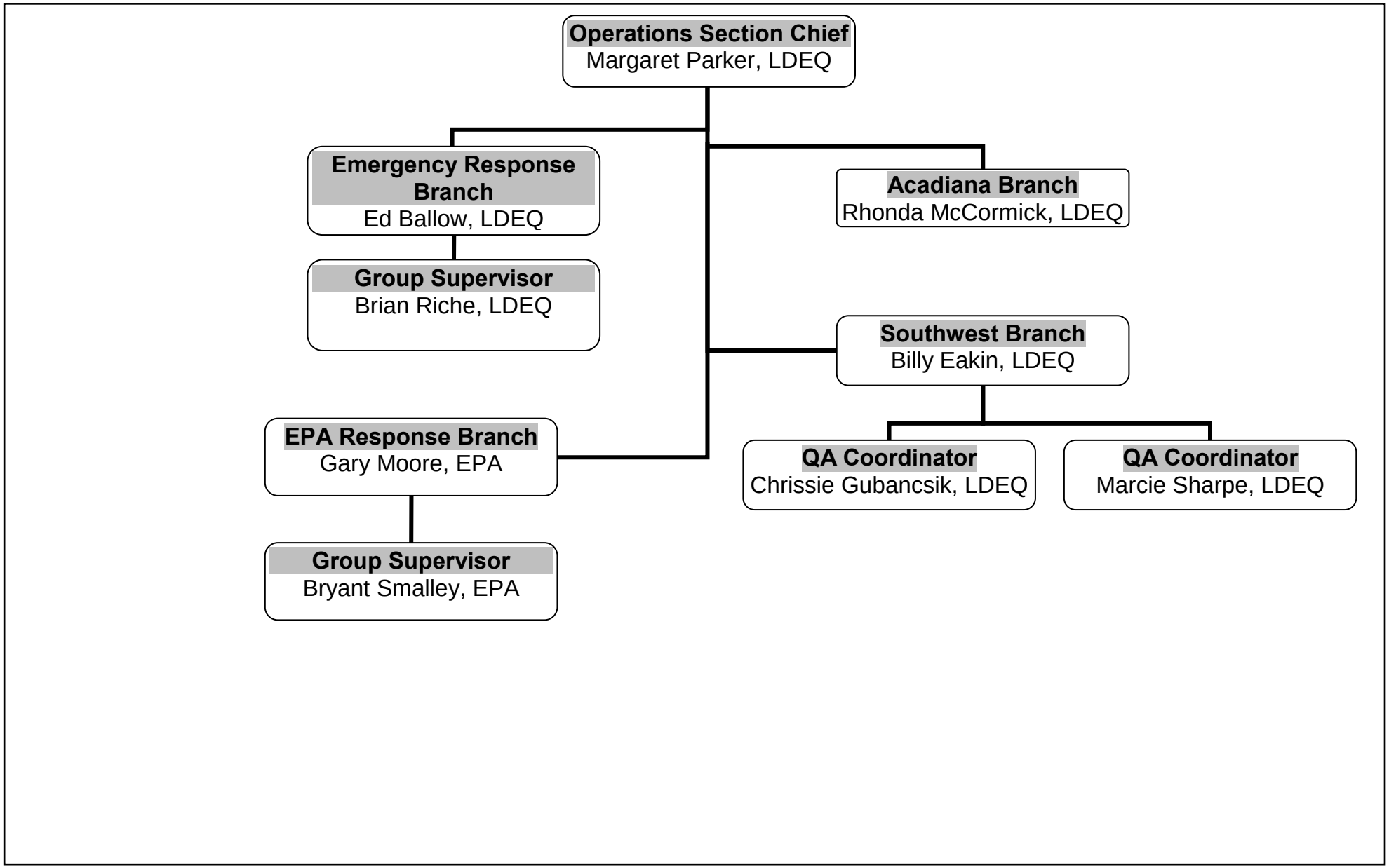
7. Prepared by (Medical Unit Leader)	Date	Time	8. Reviewed by (DEQ/EPA Safety Officers)	Date	Time
Ed Ballow	8/19/2016	10:50	Wayne Slater	8/19/2016	10:50

Incident Name: 2016 August Flood

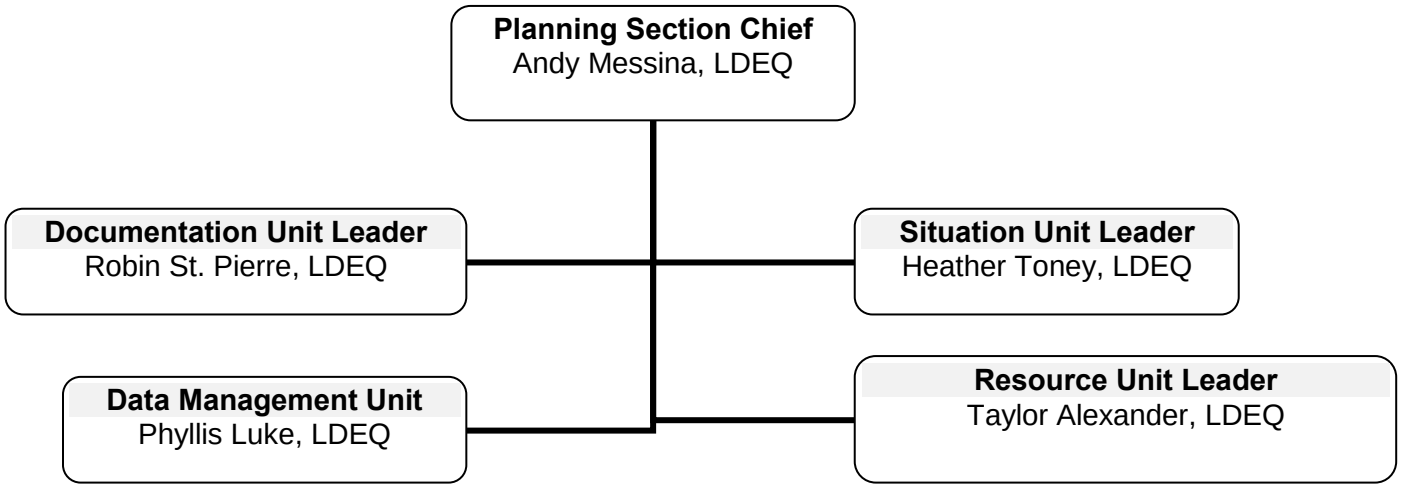
Operational Period: 08/20/2016 to 08/21/2016

Date: 08/19/2016 **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: 08/20/2016 / 08:00 To: 08/21/2016 / 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.
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.

6. Prepared By: (Name and Position)	**Date**	**Time**
Wayne R. Slater, Safety Officer	08/19/2016	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.