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

A driveway to a house on Avenue B in Kentwood 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 / 27 Aug 16
Ending: 08:00 / 29 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

9889878

1. Incident Name	2. Operational Period Date / Time	INCIDENT OBJECTIVES ICS 202
2016 August Flood	From: 08/27/2016 / 08:00 To: 08/29/2016 / 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: Saturday, August 27 - Partly cloudy, 50% chance of thunderstorms, High temp 89
Sunday, August 28 - Partly cloudy, 40% chance of thunderstorms, High temp 87
Monday, August 29 – Mostly sunny, 20% chance of rain, High temp 91

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	08/26/2016	14:30
8. Reviewed by:	**Date**	**Time**
Andy Messina, LDEQ	08/26/2016	14:30
9. Approved by: Incident Commander:	**Date**	**Time**
Ed Ballow, Incident Commander, LDEQ	**08/26/2016**	15:00
Ed Ballow		

1. Incident Name	2. Operational Period Date / Time	ORGANIZATION ASSIGNMENT LIST ICS 203
2016 August Flood	From: 08/27/2016 / 08:00 To: 08/29/2016 / 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

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	08/27/2016	14:30

1. Incident Name	2. Operational Period Date / Time	3. ESF	Assignment List ICS 204
August 2016 Flood	From: 08/27/2016 / 8:00 To: 08/29/2016 / 8:00	10	

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

6. Operations Personnel

ICS Position	Name	Affiliation	Contact # (s)
Incident Commander	Ed Ballow	LDEQ	225-219-1211
Group Supervisor	Bobby Mayweather	LDEQ	225-219-3615

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-CRO	Mary David	225-219-3813	1	Follow-up Honeywell Geismar release.	☐
					☐
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					☐
					☐
					☐

8. Work Assignments

Follow-up site visit at Honeywell Geismar to monitor neutralization of release.

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
Mary David, LDEQ	08/26/2016 / 09:30	**Andy Messina, PSC**	**08/26/16 / 13:00**	**Ed Ballow**	**08/26/16 / 13:00**

1. Incident Name	2. Operational Period Date / Time	3. ESF	Assignment List ICS 204
2016 August Flood	From: 08/27/2016 / 08:00 To: 08/29/2016 / 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 (8/27) 4 (8/28)	Weston Solutions Office 13702 Coursey Blvd, Bldg 7 Suite A Baton Rouge, LA 70808	☐
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					☐

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	08/26/2016 / 11:00	**Andy Messina, PSC**	**08/26/2016 / 13:00**	**Ed Ballow**	**08/26/2016 / 13:00**

1. Incident Name	2. Operational Period Date / Time	Assignment List ICS 204
August 2016 Flood	From: 08/27/2016 / 08:00 To: 08/292016 / 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	Kirby Brannon; Jessica Holland	337-262-5584	2	Landfill Assessments (Gordon's; Iberia)	☐
LA-LAT-2	Ricky Fontenot; Brian Fontenot	337-262-5584	2	Landfill Assessments (Greenpoint)	☐
LA-LAT-3	Sam Broussard; Mike Broussard	337-262-5584	2	Landfill Assessments (Pellerin & Wallace; Vermilion Parish)	☐
LA-LAT-4	Theron Magers ; Jimbo Earles	337-262-5584 & 318-487-5656	2	Landfill Assessments (Angco)	☐
					☐
					☐
					☐

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	08/26/2016 / 12:20	Andy Messina, PSC	08/26/2016 / 13:00	Ed Ballow	08/26/2016 / 13:00

1. Incident Name	2. Operational Period Date / Time	ESF	Assignment List ICS 204
2016 August Flood	To: 08/27/2016 / 08:00 From: 08/29/2016 / 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 / Cory Lormand	225-219-3600	2	08/27/2016 - East Baton Rouge (Ronaldson Field) and Ascension (Gator Environmental)	☐
CRO-LAT-2	Daniel Cheatham / Mike Miller	225-219-3600	2	08-27/2016 - East Baton Rouge (Ronaldson Field) and Ascension (Gator Environmental)	☐
					☐
					☐
					☐
					☐

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	08/26/2016 / 09:36	**Andy Messina, PSC**	**08/26/16 / 13:00**	Ed Ballow	08/26/16 / 13:00

1. Incident Name	2. Operational Period Date / Time	3. ESF	Assignment List ICS 204
2016 August Flood	From: 08/27/2016 / 07:00 To: 08/29/2016 / 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	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), Chrissie Gubancsik	337.491.2756; 337.491.2806	2	08/27/2016, 08/28/2016- regional team on standby for backup duties with ARO.	☐
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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 /13:30	Andy Messina, PSC	08/26/2016 / 13:00	Ed Ballow	08/26/2016 / 13:00

1. Incident Name	2. Operational Period Date / Time	INCIDENT COMMUNICATIONS PLAN ICS 205a
2016 August Flood	From: 08/27/2016 / 0800 To: 08/29/2016 / 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 1	(337) 262-5584	LDEQ OEC INSP ARO	kirby.brannon@la.gov
BROUSSARD, Michael	ARO LA LAT 3	(337) 278-7767	LDEQ OEC USTRD	michael.broussard@la.gov
BROUSSARD, Sam	ARO LA LAT 3	(337) 849-7160	LDEQ OEC USTRD ADM	sam.broussard@la.gov
CHEATHAM, Daniel	CRO LA LAT 1 CRO LA LAT 2	(225) 219-3017 CRO 31	LDEQ OEC INSP CRO	daniel.cheatham@la.gov
DAVID, Mary	CRO ER 1 Documentation	(225) 219-3813 CRO 8	LDEQ OEC INSP CRO	mary.david@la.gov
DEDON, Terry	CRO QA Coordinator	(225) 219-3331 CRO 10	LDEQ OEC INSP CRO	terry.dedon@la.gov
DORAN, Tommy	HQ Safety Officer	(225) 219-3019	LDEQ OEC REM	tommy.doran@la.gov
EAKIN, Billy	Southwest Branch Director SWR FDA 1 Team Leader	(337) 515-7308 SW 1	LDEQ OEC INSP SWRO	billy.eakin@la.gov
EARLES, Jimbo	ARO LA LAT 4	(225) 933-8416	LDEQ OEC INSP ARO	jimbo.earles@la.gov
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

1. Incident Name	2. Operational Period Date / Time	INCIDENT COMMUNICATIONS PLAN ICS 205a
2016 August Flood	From: 08/27/2016 / 0800 To: 08/29/2016 / 0800	

3. 2016 August Flood Louisiana Communication Contact List

NAME	POSITION	PHONE NUMBER	AGENCY AFFILATION	EMAIL
FONTENOT, Brian	ARO LA LAT 2	(337) 258-3071 ARO 37	LDEQ OEC INSP ARO	brian.fontenot@la.gov
FONTENOT, Ricky	ARO LA LAT 2	(337) 262-1496	LDEQ OEC INSP ARO	ricky.fontenot@la.gov
GUBANCSIK, Chrissie	Southwest Branch QA Coordinator SWR FDA 1	(337) 304-1854 SW 40	LDEQ OEC USTRD	chrissie.gubancsik@la.gov
HOLLAND, Jessica	ARO LA LAT 1	(337) 262-5587	LDEQ OEC USTRD	jessica.holland@la.gov
LANGLEY, Gregory	Information Officer	(225) 219-3964	LDEQ OSECR PUB INFO	gregory.langley@la.gov
LORMAND, Cory	CRO LA LAT 1	(225) 219-3040 CRO 14	LDEQ OEC INSP CRO	cory.lormand@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
MAGERS, Theron	ARO LA LAT 4	(318) 487-5811 NE 31	LDEQ OEC INSP ARO	theron.magers@la.gov
MAYWEATHER, Bobby	Capital Branch Director	(225) 219-3015 CRO 1	LDEQ OEC INSP CRO	bobby.mayweather@la.gov
MCCORMICK, Rhonda	Acadiana 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
MILLER, Michael K	CRO LA LAT 2	(225) 219-3342	LDEQ OEC INSP CRO	michael.k.miller@la.gov
MOORE, Gary	EPA Agency Representative & Branch Director EPA Response	(214) 789-1627	EPA	moore.gary@epa.gov
MORIN, Carla	HQ Documentation Unit Leader	(225) 219-3646	LDEQ OEC USTRD	carla.morin@la.gov
PARKER, Margaret	Operations Section Chief	(206) 200-4682 CRO 24	LDEQ OEC INSP CRO	margaret.parker@la.gov

1. Incident Name	2. Operational Period Date / Time	INCIDENT COMMUNICATIONS PLAN ICS 205a
2016 August Flood	From: 08/27/2016 / 0800 To: 08/29/2016 / 0800	

3. 2016 August Flood Louisiana Communication Contact List

NAME	POSITION	PHONE NUMBER	AGENCY AFFILATION	EMAIL
PRICE, Karen	Liaison/Advisor	(225) 936-8832 ER 2	LDEQ OEC INSP ADM	karen.price2@la.gov
SCHEXNAYDER, Sharon	Procurement Unit Leader	(225) 219-3812	LDEQ OMF FS FISCL	sharon.schexnayder@la.gov
SHARPE, Marcie	Southwest Branch QA Coordinator	(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

4. Prepared by:	Date:	Time
Taylor Alexander, LDEQ, Resource Unit Leader	8/26/2016	13:45

1. Incident Name	2. Operational Period Date / Time	MEDICAL PLAN ICS 206 - EPA
2016 August Flood	From: 08/27/2016 / 08:00 To: 08/29/2016 / 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

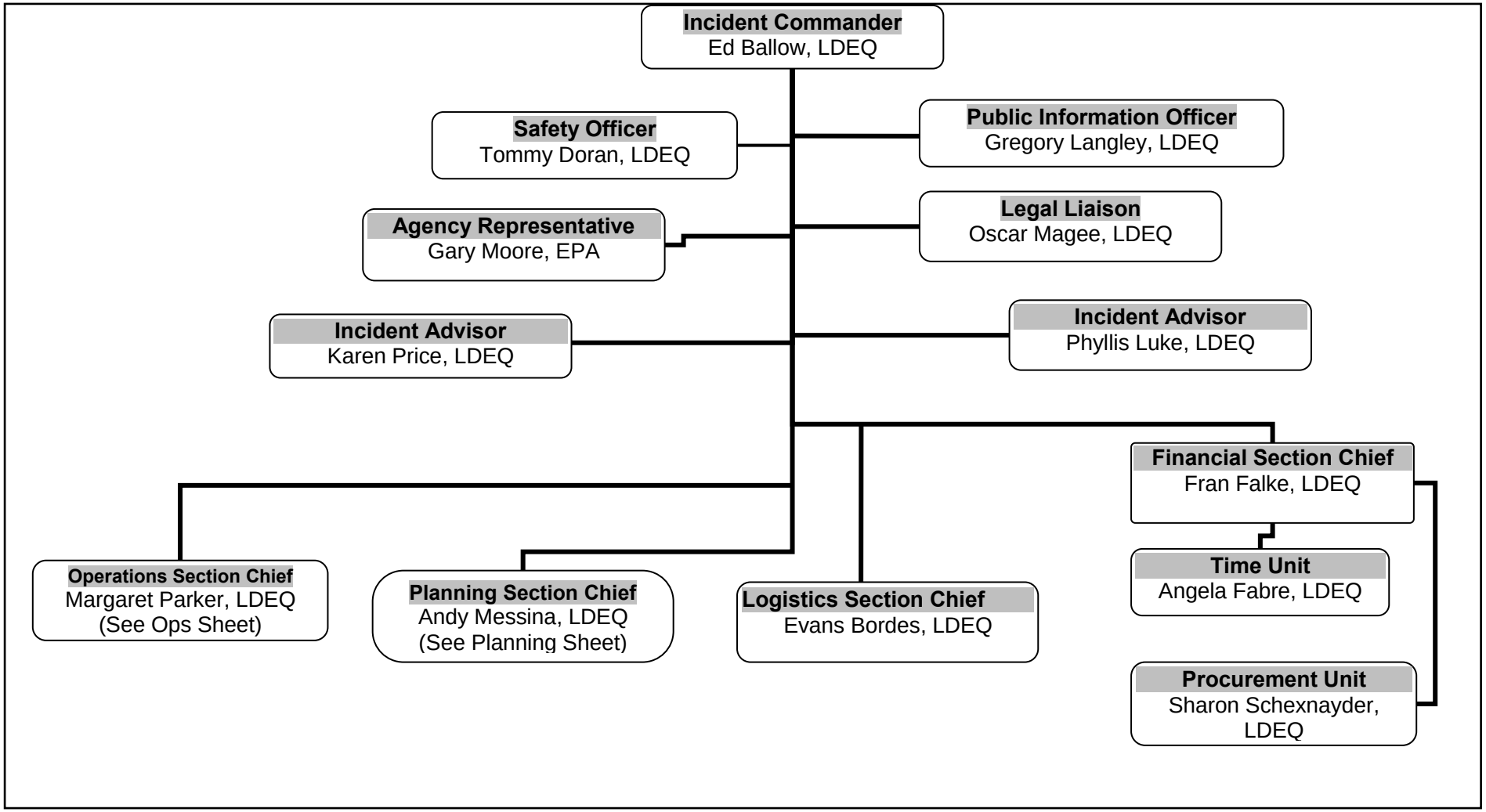
LDEQ:
Seek treatment at the nearest facility. Report all incidences to the Safety Office on duty.
Tommy Doran, Safety Officer -225-938-0086
Ed Ballow (Incident Command) 225-400-4171

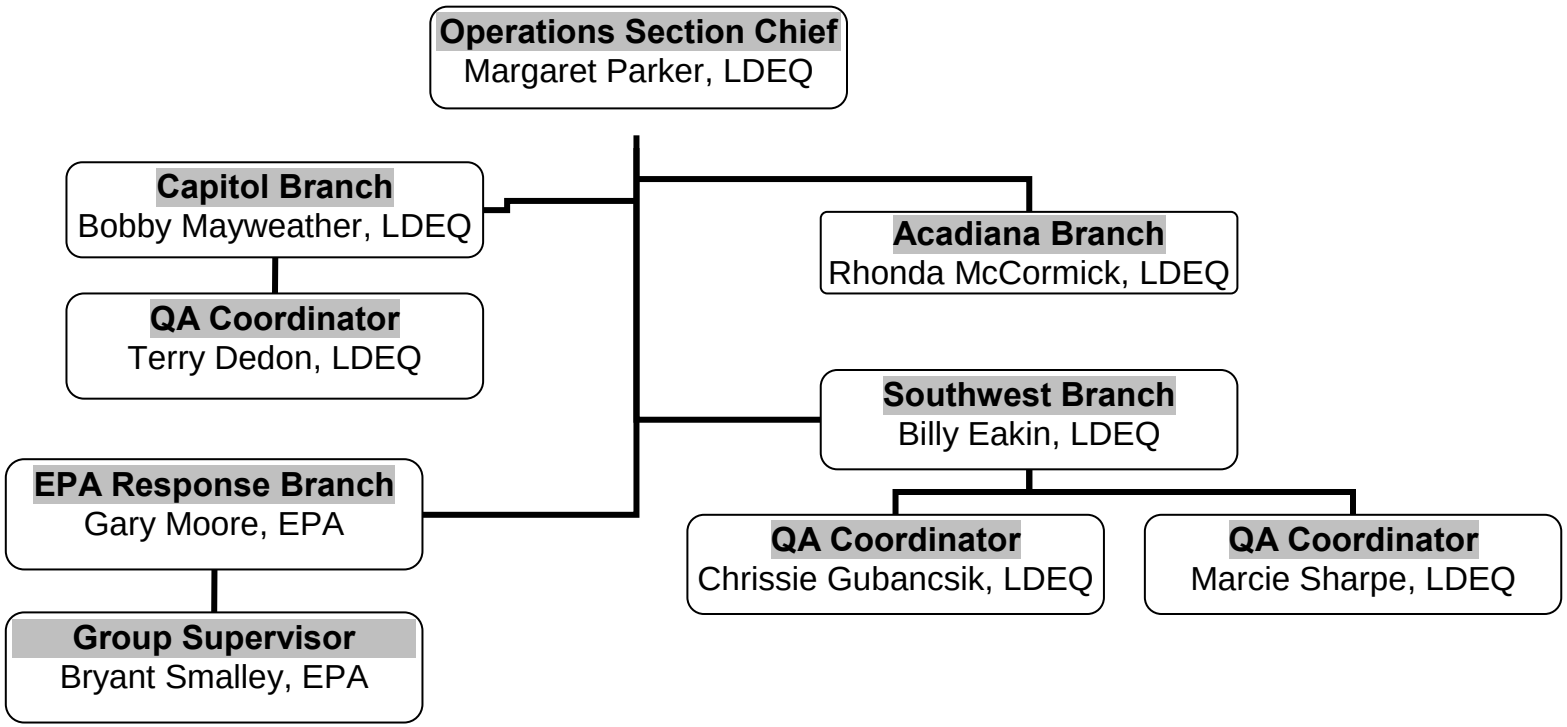
7. Prepared by (Medical Unit Leader)	Date	Time	8. Reviewed by (DEQ/EPA Safety Officers)	Date	Time
Ed Ballow	8/26/2016	13:00	Tommy Doran	8/26/2016	13:00

Incident Name: 2016 August Flood

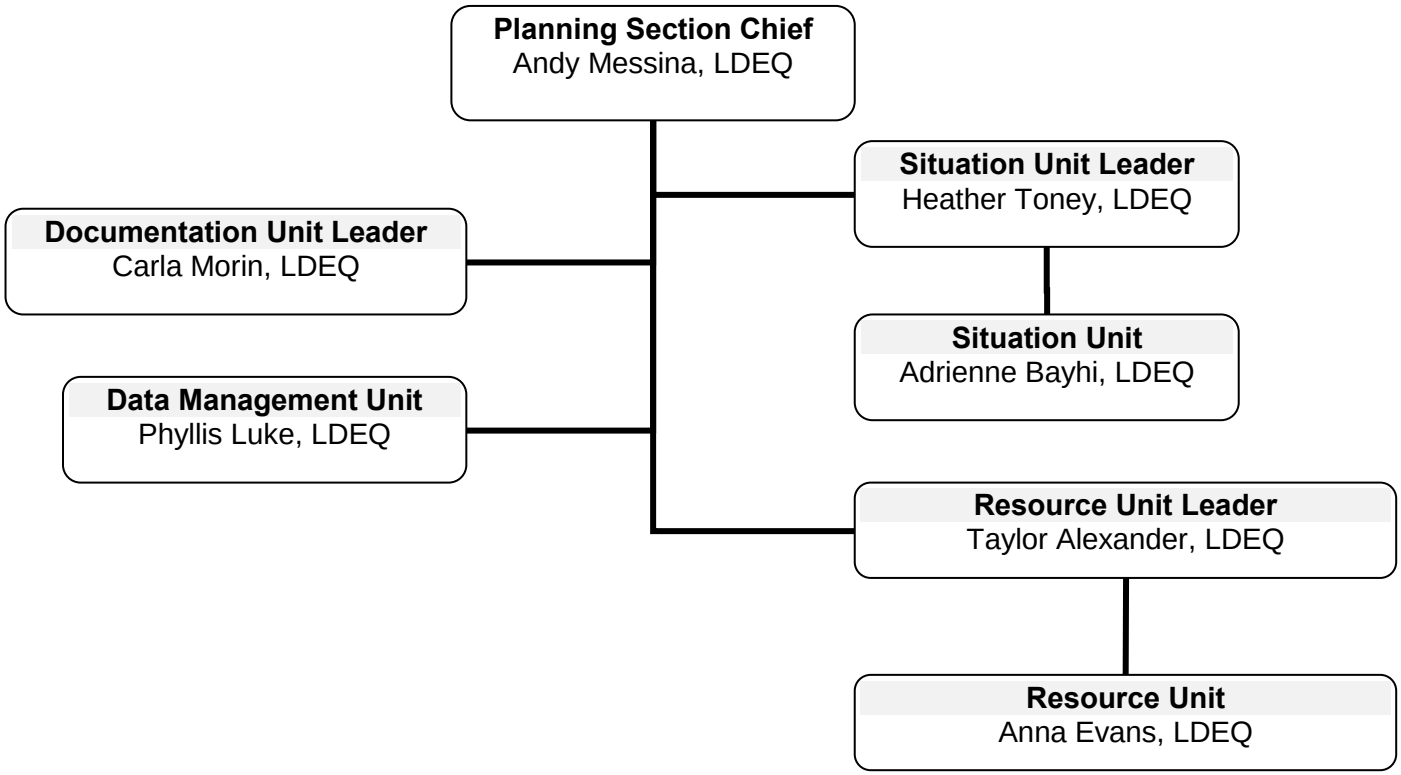
Operational Period: 08/27/2016 to 08/29/2016

Date: 08/26/2016 **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: 08/27/2016 / 08:00 To: 08/29/2016 / 08:00	

4. Risk																	5. Risk Mitigations
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	
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	08/26/2016	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:** 08/27/2016/ 0800
08/29/2016/ 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
Saturday August 27: Partly to mostly cloudy with a chance of thunderstorms. High 89F. Winds E at 5 to 10 mph. Chance of rain 50%
Sunday August 28: Scattered thunderstorms in the morning. Cloudy skies late. High 87F. Winds E at 10 to 15 mph. Chance of rain 40%
Monday August 29: Intervals of clouds and sunshine. A stray shower or thunderstorm is possible. High 91F. Winds ENE at 5 to 10 mph.

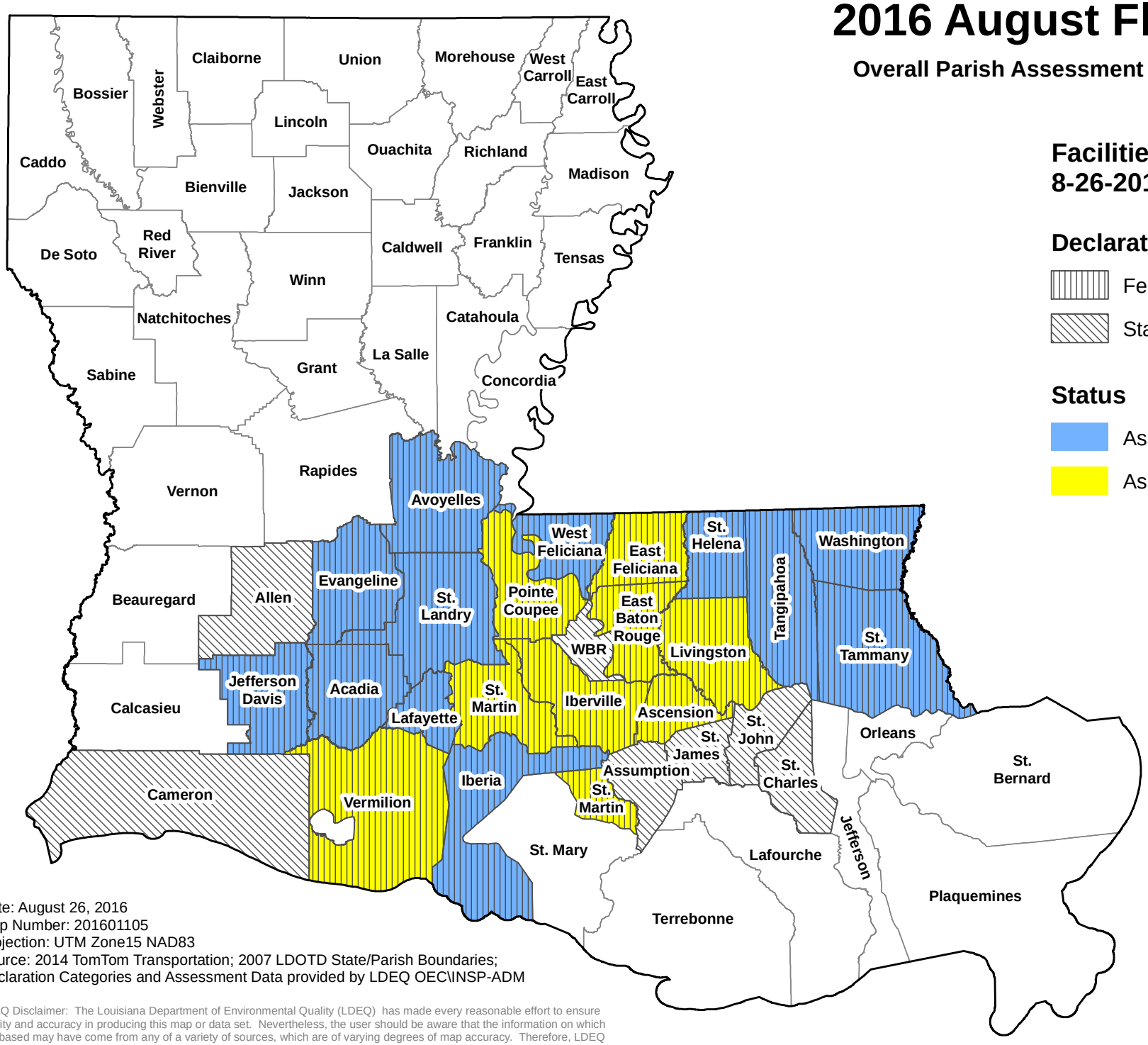
Some parishes are still experiencing flooding from this event. Please be aware of driving conditions for yourself and the other driver who could hit you if they missed seeing the downed or twisted STOP sign at that intersection. You could be totally right and have the right away and still end up in the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

2016 August Flood Event

Overall Parish Assessment Completion Status



Facilities Assessments 8-26-2016

Declaration Category

- Federal
- State

Status

- Assessment Completed
- Assessments Remaining

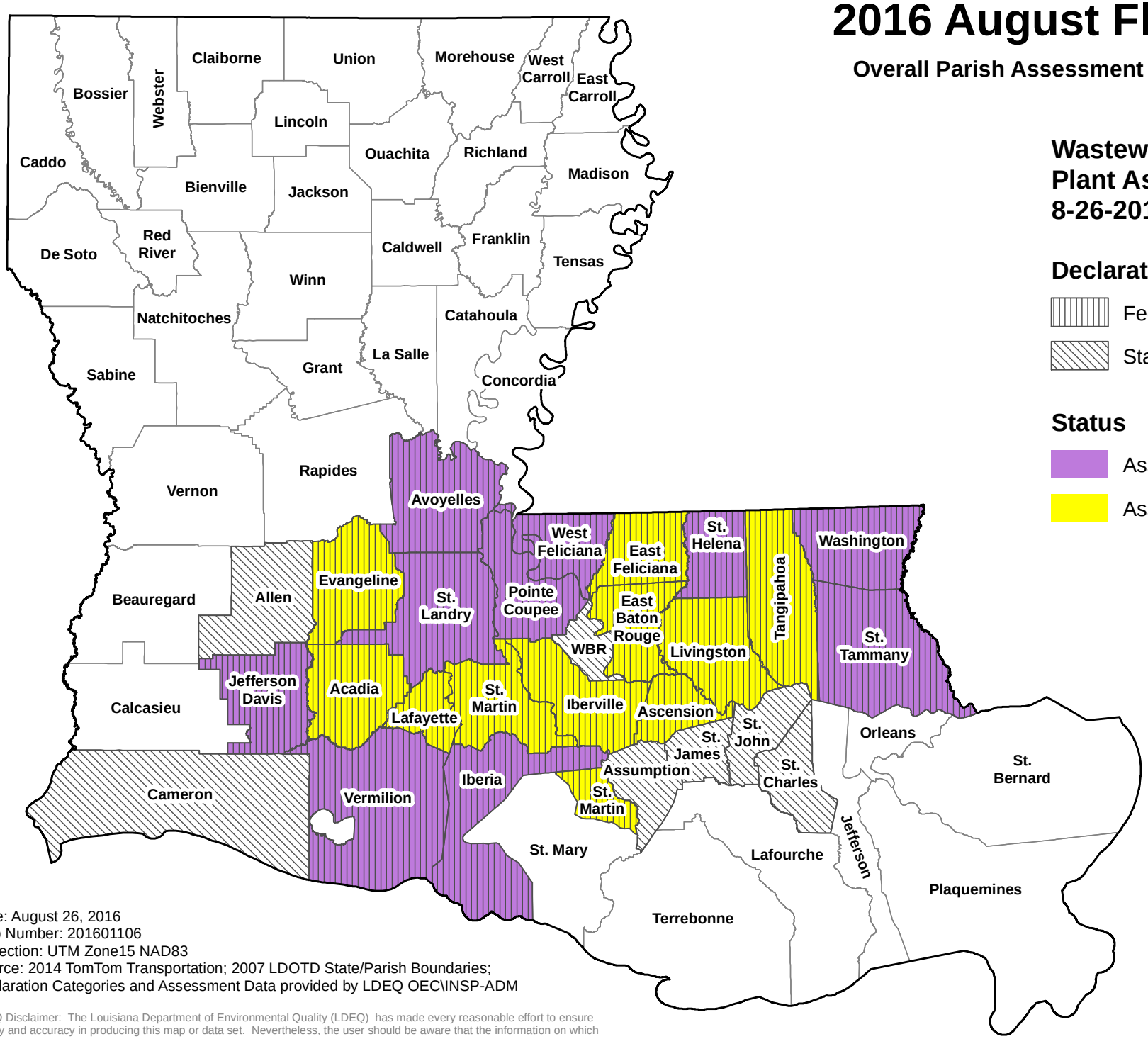
Date: August 26, 2016
Map Number: 201601105
Projection: UTM Zone15 NAD83
Source: 2014 TomTom Transportation; 2007 LDOTD State/Parish Boundaries;
Declaration Categories and Assessment Data provided by LDEQ OEC\INSP-ADM

LDEQ Disclaimer: The Louisiana Department of Environmental Quality (LDEQ) has made every reasonable effort to ensure quality and accuracy in producing this map or data set. Nevertheless, the user should be aware that the information on which it is based may have come from any of a variety of sources, which are of varying degrees of map accuracy. Therefore, LDEQ cannot guarantee the accuracy of this map or data set, and does not accept any responsibility for the consequences of its use.

DEQ LOUISIANA

2016 August Flood Event

Overall Parish Assessment Completion Status



Wastewater Treatment Plant Assessments 8-26-2016

Declaration Category

- Federal
- State

Status

- Assessment Completed
- Assessments Remaining

Date: August 26, 2016
Map Number: 201601106
Projection: UTM Zone15 NAD83
Source: 2014 TomTom Transportation; 2007 LDOTD State/Parish Boundaries;
Declaration Categories and Assessment Data provided by LDEQ OEC\INSP-ADM

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DEQ LOUISIANA