

FOR OFFICIAL USE ONLY – LIMITED DISTRIBUTION
SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY – EAST
COMPREHENSIVE EMERGENCY MANAGEMENT PLAN



Southeast Louisiana Flood Protection Authority – East

Comprehensive Emergency Management Plan

May 2020





Southeast Louisiana Flood Protection Authority-East

Main Phone Number: (504) 286-3100

Emergency Operations Number: (504) 286-3140

Comprehensive Emergency Management Plan

May 2020





RECORD OF CHANGES

The purpose of this page is to make a written record whenever changes are made to the 2020 Comprehensive Emergency Management Plan.

Date	Tab/Document/Section	Approved By
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On the motion of Mr. Morgan,
Seconded by Mr. Hassinger, the following resolution was offered:

**RESOLUTION NO. 05-21-20-05 - APPROVAL OF 2020
COMPREHENSIVE EMERGENCY MANAGEMENT PLAN**

WHEREAS, LA R.S. 38:319, mandates that the Board of Commissioners of each Levee District prepare a written procedures manual to be used during periods of emergency to facilitate the immediate and orderly actions of each board during an emergency; and

WHEREAS, in compliance with the aforementioned statute, the Southeast Louisiana Flood Protection Authority-East (FPA) staff prepared the 2020 Comprehensive Emergency Management Plan (CEMP).

BE IT HEREBY RESOLVED, that the FPA adopts the 2020 Comprehensive Emergency Management Plan, and authorizes all actions under said Plan.

BE IT FURTHER RESOLVED, that the Board adopts the 2020 CEMP as a document that will be utilized to provide guidance for responding to emergencies and operating the Hurricane Storm Surge Risk Reduction System and Mississippi River Levee System at their optimum capacity as and when necessary.

BE IT FURTHER RESOLVED, that the Board recognizes that as with any document of this magnitude, changes may be necessary to improve its functionality and these changes will be incorporated as necessary.

BE IT FURTHER RESOLVED, that the Chief Administrative Officer (CAO), or Director of Engineering in the absence of the CAO, is hereby authorized to sign any and all documents necessary to carry out the above.

The foregoing was submitted to a vote; the vote thereon was as follows:

YEAS: Mr. Cosse, Mr. Dastugue, Mr. Englande, Mr. Hassinger, Mr. Latiolais,
Mr. Morgan, Mr. Noel and Mr. Weysham

NAYS: None

ABSENT: None

This resolution was declared adopted this 21st day of May, 2020.

.....
I hereby certify that the above and foregoing is a true and correct copy of a resolution duly adopted by the Southeast Louisiana Flood Protection Authority-East at its meeting on May 21, 2020, held in New Orleans, LA, at which a quorum was present.


Clay A. Cosse
Secretary



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GLOSSARY

CAT	Crisis Action Team
CEMP	Comprehensive Emergency Management Plan
CERM	Center for Energy Resources Management
CPR	Coastal Protection and Restoration Authority
CAO	Chief Administrative Officer
DHS	U.S. Department of Homeland Security
EAL	Emergency Activation Level
EAP	Emergency Action Plan
EJLD	East Jefferson Levee District
EOC	Emergency Operations Center
EOP	Emergency Operations Plan
ESF	Emergency Support Function
FASC	Finance and Administration Section Chief
FEMA	Federal Emergency Management Agency
GOHSEP	Governor's Office of Homeland Security and Emergency Preparedness
IAP	Incident Action Plan
IC	Incident Commander
IC	Incident Commander
ICS	Incident Command System
IMT	Incident Management Team
ITSC	Information Technology Section Chief
JIC	Joint Information Center
JIS	Joint Information System
LBBLD	Lake Borgne Basin Levee District
LSC	Logistics Section Chief
LSC	Logistics Section Chief
NIMS	National Incident Management System
OLD	Orleans Levee District
OSC	Operations Section Chief
PEOC	Parish Emergency Operations Center
PIO	Public Information Officer
PSC	Planning Section Chief
SLFPA-E	Southeast Louisiana Flood Protection Authority-East

CHAPTER 1

Plan Purpose, Goals, and Objectives





1.0 PLAN PURPOSE, GOALS, AND OBJECTIVES

The purpose of the South Louisiana Flood Protection Authority-East (SLFPA-E) Comprehensive Emergency Management Plan (CEMP) is to provide a multi-use plan that establishes procedures for handling emergencies of varying magnitudes that could impact SLFPA-E and its constituent Levee Districts, thus requiring coordinated management of emergency operations to protect people and property. The plan specifies who does what, when and how to access available resources during emergencies.

In Homeland Security Presidential Directive – 5, the President of the United States directed the Secretary of the Department of Homeland Security (DHS) to develop and administer the National Incident Management System (NIMS). This system provides a consistent, nationwide approach for federal, state, local, and tribal governments to work together effectively and efficiently to prepare for, prevent, respond to, and recover from domestic incidents, regardless of cause, size or complexity. The DHS has defined NIMS compliance guidelines for all federal, state and local government entities. The SLFPA-E CEMP is structured to be consistent with NIMS guidelines because SLFPA-E could be called upon to provide support to a Unified Command established by federal, state or local governmental entities.

The CEMP is guided by the following goals and objectives:

Goal 1: Protect life and property

Objective 1.1: Identify and monitor emergency incidents

Objective 1.2: Initiate timely and effective response action;

Objective 1.3: Implement necessary emergency protective measures

Goal 2: Ensure interagency coordination

Objective 2.1: Establish procedures consistent with state and federal incident management standards.

Objective 2.2: Coordinate emergency management activities of constituent Levee Districts;

Objective 2.3: Coordinate response and recovery assistance from appropriate local, state and federal agencies.

Goal 3: Minimize disruption of services

Objective 3.1: Establish procedures to evaluate and repair damages

Objective 3.2: Implement hazard mitigation measures

Objective 3.3: Provide for ongoing staff and stakeholder training.

The CEMP is designed to comply with all federal, state and local laws, rules, regulations and guidance. Where practicable, it follows best management practices set forth by flood control organizations and the emergency management community of practice.

Southeast Louisiana Flood Protection Authority-East

Comprehensive Emergency Management Plan



The CEMP describes the following:

1. The SLFPA-E organization and notification process;
2. Authorities, policies, and responsibilities required to protect the health and safety of the public, SLFPA-E employees, and facility property;
3. Operational concepts and procedures associated with field response to emergencies, Emergency Operations Center (EOC) activities and the recovery process;
4. Multi-agency and multi-jurisdictional coordination, particularly between SLFPA-E and local, state, and federal agencies during emergency operations;
5. Pre-event emergency planning and training; and
6. Plan development and maintenance.

Emergency situations are unpredictable. Plan elements will be modified and adapted to fit the demands of the emergency event(s) at hand.

CHAPTER 2

Situations and Assumptions



2.0 SITUATION AND ASSUMPTIONS

2.1 Background

The SLFPA-E is a regional flood protection authority established as a political subdivision and levee district pursuant to Article VI, Sections 38 and 38.1 of the Constitution of Louisiana and Acts 2006, 1st Extraordinary Session, No. 1 of the Louisiana Legislature and functions under these authorities as currently revised and amended. The jurisdiction, powers and duties of the Authority are defined in part in Louisiana Revised Statute 38:300.1-2 (LA RS 38:330.1-2 is included in Appendix 1).

SLFPA-E's stated mission is to "ensure the physical, operational and financial integrity of the regional flood risk management system, and to work with appropriate local, regional, state and federal agencies and officials to plan, design, construct, operate and maintain projects that will reduce the probability and consequences of flooding in SLFPA-E's jurisdiction". A map showing the jurisdictional area of the SLFPA-E and its constituent levee districts is shown in Figure 1.

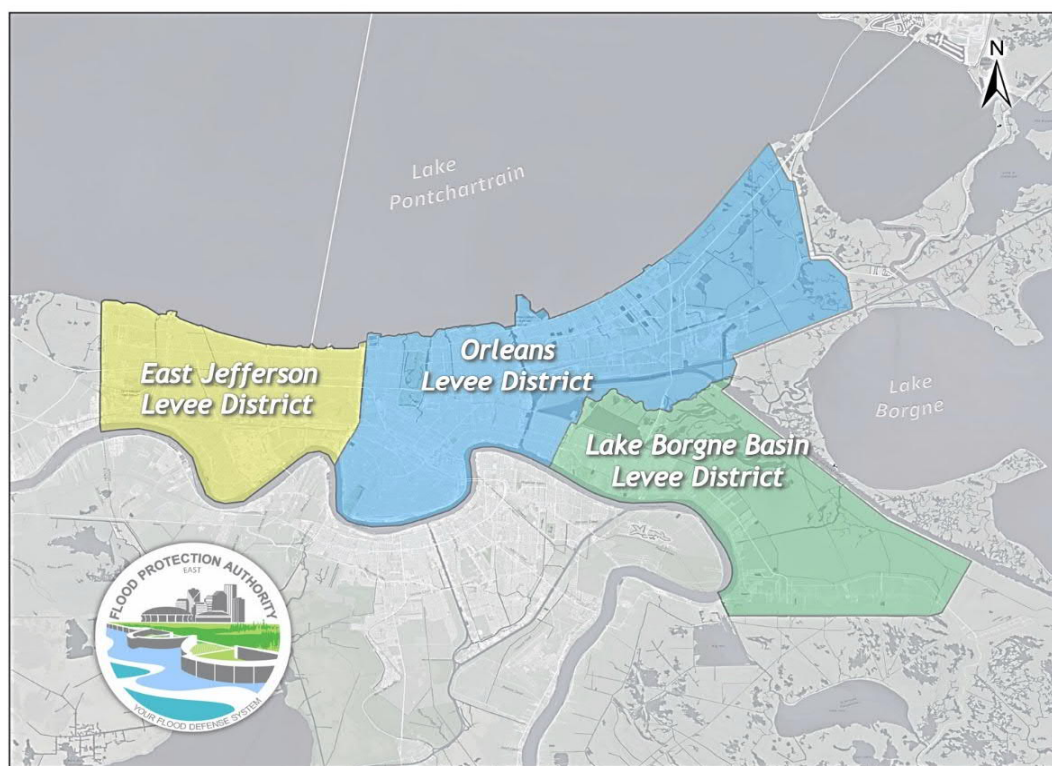


Figure 1 – SLFPA-E Jurisdictional Area

The Louisiana Coastal Protection and Restoration Authority is charged with oversight of the SLFPA-E and all other Louisiana levee boards located in the Coastal Zone. A chart showing the relationship of SLFPA-E to Louisiana State Government is shown in Figure 2.

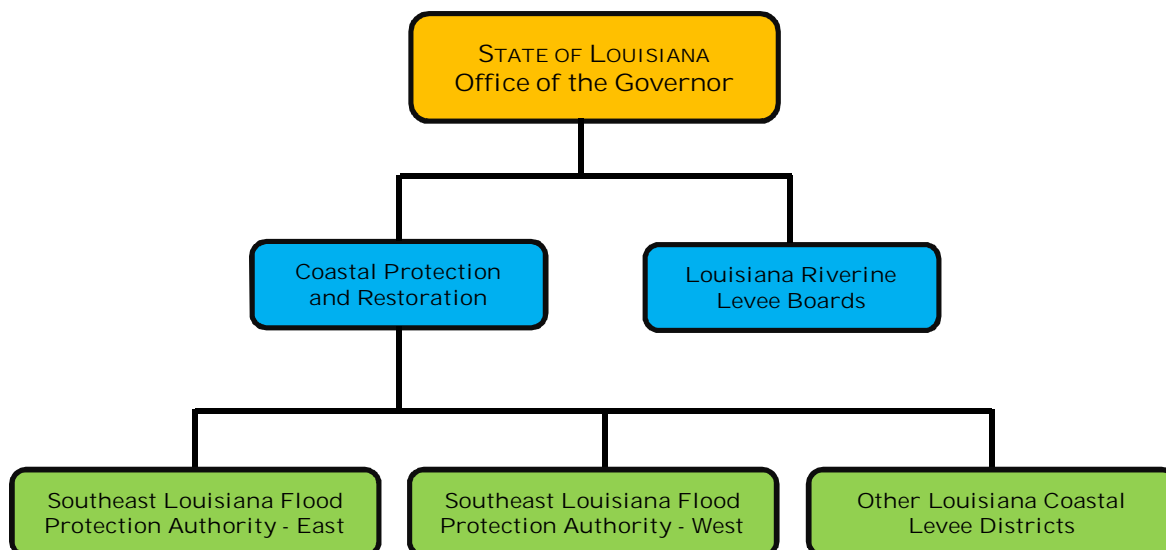


Figure 2 – Louisiana Levee District Organizational Chart

The SLFPA-E Board of Commissioners (hereinafter “Board”) was established on January 1, 2007. Presently, the Board consists of nine-members. It is mandated by law to adopt bylaws, rules and regulations for the management of its affairs, operation, and governance of the flood protection authority. All authority, duties and responsibilities for day-to-day and emergency operations are vested in the Board.

The SLFPA-E by-laws designate the President of the Board of Commissioners to act as the organization’s Chief Executive Officer. The Board also employs a Chief Administrative Officer (CAO) to carry out the policies and procedures set by the Board, manage day to day operations of the organization, and manage emergency operations. When an emergency incident is identified, the CAO becomes the Incident Commander and is vested with the authority and responsibility to direct and manage emergency and response activities.

The SLFPA-E is responsible for the direction and control of emergency management activities within its jurisdiction, which presently includes three active constituent levee districts: East Jefferson Levee District (EJLD); Orleans Levee District (OLD); and Lake Borgne Basin Levee District (LBBLD). The SLFPA-E Organizational Chart is depicted in Figure 3.

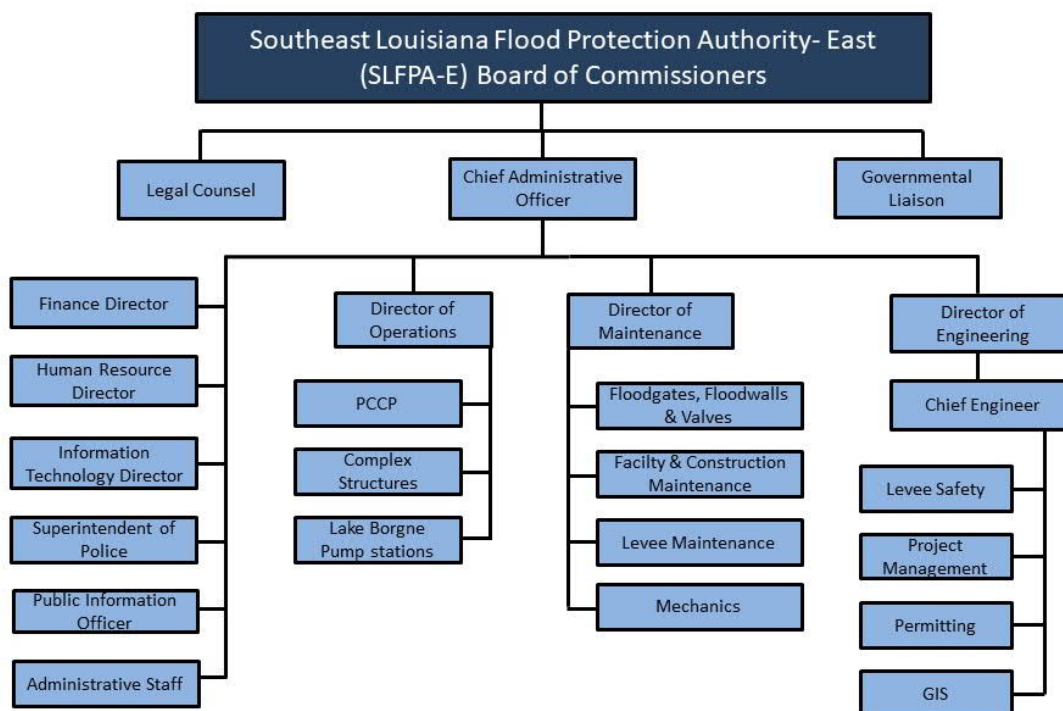


Figure 3 – SLFPA-E Organizational Chart

2.2 Office Locations

- A. Office locations: The location of the administrative offices of the Authority and the individual constituent levee districts are as follows:

SLFPA-E:	6920 Franklin Ave. New Orleans, LA 70122
East Jefferson:	1100 Rev. Richard Wilson Dr., Kenner, LA 70062
Orleans:	6920 Franklin Ave., New Orleans, LA 70122
Lake Borgne:	6136 E St. Bernard Highway, Violet, LA 70092

B. Emergency Operations Center

The SLFPA-E EOC when activated is located in Room 216 of the Orleans Levee District (OLD) Safe House Facility located at 6920 Franklin Ave., New Orleans, LA, 70122.

A back-up location if needed is Room 209 of the East Jefferson Safe House.



2.3 Systems Information

The SLFPA-E has a range of systems that are maintained and operated on a routine basis and in emergencies for flood control. Specific information on responsibilities for operation and maintenance are included in the Emergency Operations Plans located in Appendix 11 and 12. Major system components include:

1. Barriers and gated structures
2. Various segments of federal and non-federal levees and floodwalls
3. Storm water drainage pump stations (only in LBBLD)
4. Major drainage canals (only in LBBLD)

The four levee systems operated and maintained by SLFPA-E are:

1. The Mississippi River Levee System (only the reaches on the east bank of the Mississippi River located in Jefferson, Orleans, and St. Bernard Parishes)
2. The Lake Pontchartrain and Vicinity Hurricane and Storm Damage Risk Reduction System (LPV HSDRRS) (not including those reaches located in St. Charles Parish)
3. The Florida Avenue Levee/40 Arpent Levee System
4. The Maxent Levee System

2.3.1 The Mississippi River Levee System (MRLS)

The segment of the Mississippi River Levee System located within the jurisdictional boundaries of SLFPA-E begins at the St. Charles/Jefferson Parish boundary, follows along the east bank of the River through East Jefferson, Orleans, and Lake Borgne Basin levee districts, and ends at the St. Bernard/Plaquemines Parish boundary.

The MRLS was constructed by the US Army Corps of Engineers. It was originally designed by the Corps to defend against the [riverine] Standard Project Flood for the Lower Mississippi River Valley. In 2013, the Corps determined that the MRL can also defend against hurricane storm surges associated with a 1% chance exceedance event (100 year return frequency).

The MRLS located within the jurisdictional area of SLFPA-E consists of the following main features:

1. 36.5 miles of earthen levee/floodwalls
2. 83 land-based floodgates
3. 63 gravity drainage structures with valves
4. PCCP Stations (17th Street, Orleans Avenue, & London Avenue Canals)

The Corps is responsible for major maintenance, repair, rehabilitation and replacement on the MRL. SLFPA-E is responsible for routine maintenance activities and emergency operations of floodgates and gravity drainage structures with valves. SLFPA-E also participates with the Corps and CPRA in flood fight activities required during riverine flood conditions.



2.3.2 The Lake Pontchartrain and Vicinity Hurricane and Storm Damage Risk Reduction System (LPV HSDRRS)

All segments of the LPV HSDRRS except those located in St. Charles Parish are contained within the jurisdictional boundaries of the SLFPA-E.

The LPV HSDRRS was designed and constructed by the US Army Corps of Engineers in the years following Hurricane Katrina (circa 2005-2015). It is designed to defend against the 1% chance exceedance (100 year return frequency) hurricane storm surge.

The HSDRRS consists of the following main features under the jurisdictional control of SLFPA-E:

1. Approximately 114.5 miles of earthen levee and floodwalls
2. The Seabrook Complex, which includes two vertical lift gates and a navigational sector gate
3. IHNC – Lake Borgne Surge Barrier Complex, which includes the GIWW navigational sector gate, GIWW navigational by-pass barge gate, Bayou Bienvenue navigational lift gate, and 1.8 miles concrete surge barrier wall
4. Bayou Dupre navigational sector gate
5. Caernarvon navigational sector gate
6. Bayou Bienvenue navigational sector gate
7. Bayou St. John navigational sector gate
8. 159 land-based floodgates
9. 39 gravity drainage structures with valves
10. 3 Permanent Canal Closure Pump Stations

The Louisiana CPRA is the non-federal sponsor for the HSDRRS, and as such is named by the federal government as the agency responsible for the operation, maintenance, repair, rehabilitation and replacement (OMRR&R) of the project. In turn, the CPRA has delegated the operation and maintenance responsibilities to SLFPA-E for those features located within SLFPA-E's jurisdiction. OMRR&R responsibilities for drainage pump stations and related infrastructure and for levee reaches outside the jurisdiction of SLFPA-E have been delegated to other agencies.

2.3.3 The Florida Avenue Levee/40 Arpent Levee System

The Florida Avenue Levee/40 Arpent Levee System was constructed by the Orleans and Lake Borgne Basin Levee Districts. The system serves to defend against flooding associated with the 1% chance exceedance (100 year return frequency) rainfall event.

The levee acts as a drainage boundary between the pumped drainage areas of portions of Orleans and St. Bernard Parishes, and the Central Wetlands. The Central Wetlands is surrounded by the Florida Avenue Levee/40 Arpent Levee System and the HSDRRS, and acts as a storm water retention/detention basin for heavy rainfall events.



The Back-Levee System consists of the following main features under the jurisdictional control of SLFPA-E:

1. 24 miles of earthen levee/floodwalls
2. 2 land-based floodgates
3. 4 gravity drainage structures with valves
4. 8 drainage pump stations (located in LBBLD)
5. 56 miles of drainage canals (located in LBBLD)

The New Orleans Sewerage and Water Board is responsible for the operation and maintenance of the drainage pump station and related infrastructure located in the Lower Ninth Ward of Orleans Parish.

2.3.4 The Maxent Levee System

The Maxent Levee System was constructed by the Orleans Levee District. It serves to defend against flooding associated with the 1% chance exceedance (100 year return frequency) rainfall event.

The levee acts as a drainage boundary between the pumped drainage areas of New Orleans East, and the sparsely populated marsh areas and Bayou Sauvage National Wildlife Refuge located between the HSDRRS and Maxent Levee System.

The Maxent Levee System consists of 4.8 miles of earthen levees.

The map in Figure 4 shows the locations of the four levee systems.

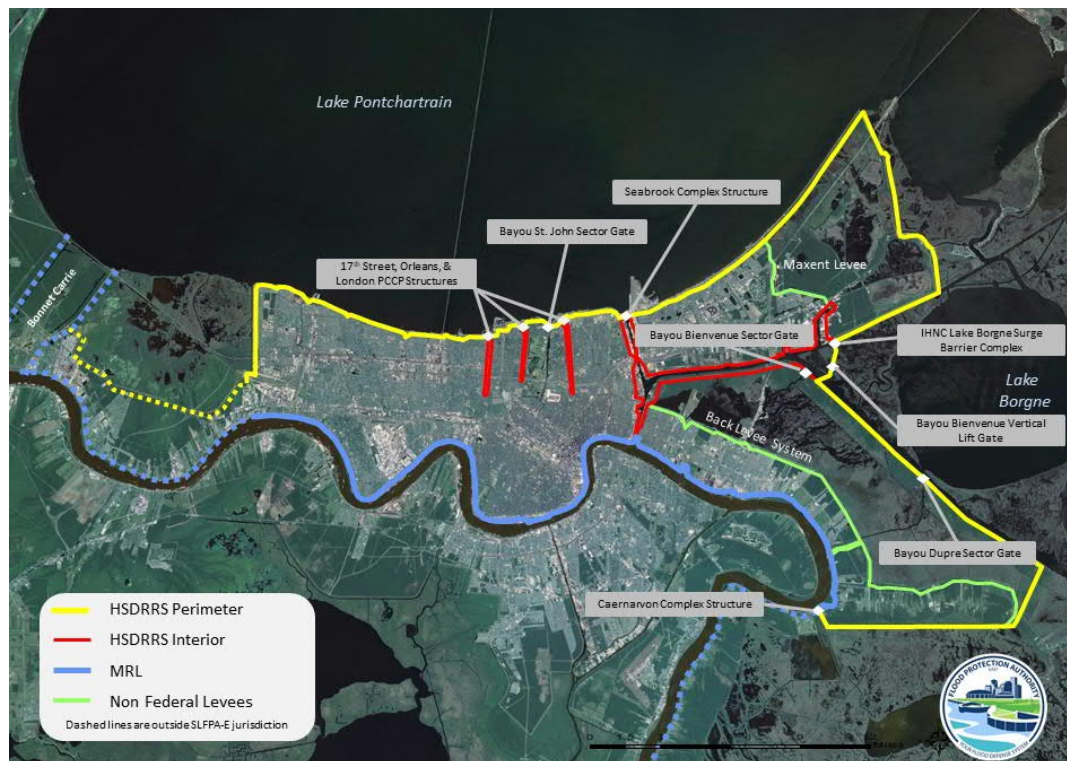


Figure 4 – SLFPA-E Levee Systems

2.4 Hazard Analysis

A hazard is a situation or event which causes or threatens to cause damage to the flood protection system such that there will be a disruption of flood protection measures. The effects can be on a portion or all of the system and may require an immediate action in order to protect public health.

The SLFPA-E flood protection system is exposed to many hazards, each having the potential to disrupt its ability to provide flood protection. Potential hazards include the following:

1. Natural Hazards – hurricane storm surge floods and riverine floods associated with early winter thaws and heavy rains in the Mississippi River Valley.
2. Technological Hazards – failures in equipment and components, communications systems and computer systems.
3. Human-induced hazards – neglect, security breaches, vandalism, sabotage, cyber-attack and terrorism.

A hazard-specific annex is included in this plan to guide the extraordinary coordination and response activities associated with hurricanes and riverine flood events.

2.5 Assumptions

1. The SLFPA-E flood protection system is and will continue to be exposed to the hazards identified above, as well as other unforeseen hazards.



2. The SLFPA-E provides day-to-day oversight of district operations and evaluation of threats.
3. The SLFPA-E monitors district-specific responses to any level of threat and provides direction and control in undertaking emergency protective measures and other response actions based on the threat level.
4. The SLFPA-E coordinates staffing to assess losses and expedite restoration activities in the event of hazard-related interruption of service or damage to flood protection systems.
5. The SLFPA-E will coordinate with federal, state and local agencies in disaster response and recovery activities.
6. In response to human induced hazards, SLFPA-E law enforcement serves as the initial onsite responder and will coordinate with appropriate parish, state and federal law enforcement agencies.
7. The State of Louisiana, Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP) is the lead agency for all emergency management activities in the State. All procedures outlined herein, while recognizing the unique functions and specific responsibilities of the SLFPA-E, are intended to be consistent with and support the State's concept of operations as outlined in the State of Louisiana Emergency Operations Plan.

CHAPTER 3

Concept of Operations

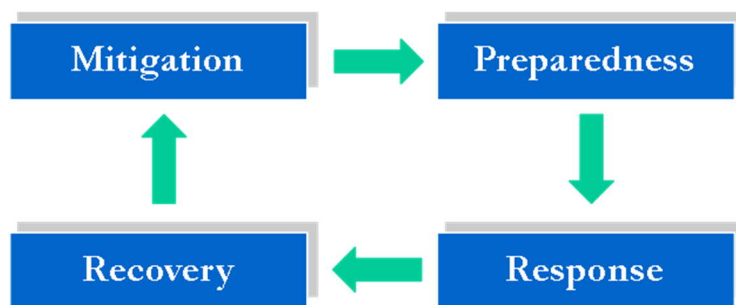




3.0 CONCEPT OF OPERATIONS

The SLFPA-E CEMP provides guidance for hazard threat monitoring and emergency management operations for the Authority. The CEMP Appendices provide specific structure information and contacts that will be affected upon structure closures.

The Emergency Management Process:



- A. Mitigation – Actions accomplished before an incident to prevent or reduce its effects, save the most lives, prevent the most damage, and are the most cost effective. Examples include hardening and/or rehabilitation of facilities, monitoring programs, and community outreach programs. Mitigation is a significant part of each organizational group’s routine daily activities.
- B. Preparedness – Actions taken in advance of an incident that will make response actions more effective when an incident occurs. Examples include preparedness plans and employee training, establishment of EOCs and safe shelters for essential personnel, mutual aid agreements, emergency equipment purchases, and drills to identify and correct weaknesses in emergency plans and response execution.
 - 1. Normal operations – The SLFPA-E and the three districts engage in day-to-day operation and maintenance activities to keep system components operational and able to function in an emergency.
 - 2. Individual Preparedness – Employees are responsible for developing a Family Preparedness Plan that includes information on employee, family and home preparation. The plan should cover the actions that would be taken to keep their family safe and ensure the employee’s prompt return to work. Employees are directed to access the GOHSEP “Get a Gameplan” web link for resources (<http://www.getagameplan.org/>).
 - 3. SLFPA-E Preparedness – All levee district personnel are responsible for understanding the CEMP and developing suggested operating procedures and manuals for their district operations based on the authority’s plan. These procedures will document unique and extraordinary tasks each district must perform in the event of an emergency, and they must support the CEMP. Personnel are responsible for ensuring each employee in their department(s) is trained on suggested operating procedures and validating their departments’ level



of emergency readiness through internal drills.

4. Agency Preparedness

- a. The SLFPA-E maintains a Comprehensive Emergency Management Plan, or CEMP.
- b. The SLFPA-E Board President has designated the CAO to serve as Emergency Coordinator and Incident Commander for emergency events.
- c. The Director of Engineering is responsible for CEMP development and maintenance via agency-wide input and consensus; facilitating emergency plan training and materials; coordinating with other agencies as needed to implement the plan; assisting the Director of Operations and the Director of Maintenance with planning of operation procedures and training; and facilitating exercise drills.
- d. The SLFPA-E maintains one 1 Emergency Operations Center and a backup. The SLFPA-E, where feasible, participates in mutual aid agreements and enters into contracts with companies offering services that may be needed in response to a hazard.
- e. The SLFPA-E conducts periodic exercises to ensure its readiness and to continuously improve the CEMP and EOPs.

C. Response – Deployment of resources and implementation of procedures to preserve lives, stabilize the situation, minimize property damage, protect the environment, and expedite recovery.

1. The regional authority's EOC, located with the Orleans Levee District's safehouse facility, serves as SLFPA-E's command and coordination center during emergency operations. When any authority employee receives information about a potential incident, that information should be reported to the SLFPA-E Chief Engineer, working from the EOC, as soon as possible. An initial assessment is conducted to determine the need to alert others and set in motion appropriate response actions.
2. Emergency Action Levels (EAL) have been established to provide a general indicator of the level of seriousness of an incident and related guidance for response actions so that all emergency responders have a common basis from which they can implement necessary actions. The EALs are expressed in a numerical scale, with a high value of 4 representing a normal situation and a low value of 1 representing the most severe incident. This scale is consistent with the State of Louisiana Emergency Operations Plan.
3. The four EALs that shall be used are:
 - a. Level 4 (No incident) – Normal operations are ongoing. SLFPA-E staffing is in accordance with authorized agency manning levels.



- b. Level 3 (Minor Incident) – Events involve a potential or actual threat to the safety and welfare of the people in a threatened area(s). The SLFPA-E Crisis Action Team is notified by the Chief Engineer and members are on standby. The Crisis Action Team (CAT) consists of the Director of Engineering, Director of Operations, the Chief Engineer (CE), Director of Maintenance and the Chief Administrative Officer (CAO). Coordination conference calls may be made with affected Levee Districts to determine whether contractor's emergency closure plans shall be implemented, permitted construction activities must cease, and to ascertain the need to begin taking protective actions. The CAT will initiate plans to open the SLFPA-E EOC in case the incident escalates.
 - c. Level 2 (Major Incident) – Events are in progress or have occurred that involve an imminent or actual major impact on the safety of the people in one or more Levee Districts. Day-to-day and permitted construction activities cease within 300 feet of levees and contractor's emergency closure plans are implemented in all areas subject to imminent hazard threats. The SLFPA-E Incident Management Team (IMT) is activated and operational. The IMT sets the time for activation of the SLFPA-E EOC if it has not already been activated by the CAT. Hours of operation and staffing are dependent on time to impacts and severity of risks. As time to impact decreases and potential risk increases, the EOC is ramped up to 24-hour operations and staffed with pre-designated personnel and liaisons from state and federal agencies. This status will be maintained, and the situation monitored closely until conditions escalate or de-escalate.
 - d. Level 1 (Significant Incident) – Events are in progress which continue previously declared action levels and require response activities. All day-to-day and permitted construction activities are ceased, and contractor emergency closure plans are implemented. The EOC is fully activated. This status will be maintained until the threat is over and the emergency is terminated. As imminent danger is reduced, operations will be initiated for the return of the stricken area(s) to pre-disaster status.
- D. To ensure consistency with GOHSEP plans, for the purpose of incident management, the SLFPA-E will use the same emergency situation terminology used by federal agencies:
- 1. Natural Disaster (National Weather Service)
 - a. Watch
 - b. Warning
 - c. Impact
 - d. Recovery



2. Homeland Security Threat Conditions

- a. Green – Low Risk
- b. Blue – Guarded Risk
- c. Yellow – Elevated Risk
- d. Orange – High Risk
- e. Red – Severe Risk

E. Incident Command System (ICS)

- 1. Level 4 assumes all normal levee district (LD) and Authority activities are functioning. During these non-incident periods, SLFPA-E continues to promote emergency management-related staff training and coordination, performs CEMP updates, and tracks ongoing hazard mitigation activities.
- 2. Level 3 incidents are managed using the normal operating, organizational structure protocols and procedures. Level 3 incidents do not require EOC activation.
 - a. The SLFPA-E Director of Engineering monitors National Weather Service storm forecasts and keeps critical action team up to date with storm predictions.
- 3. Level 2 and Level 1 incidents are managed by an Incident Management Team (IMT). The SLFPA-E CAO or his designee serves as the Incident Commander for all activities within the three constituent Levee Districts. The Director of Engineering or Chief Engineer will assume the role of Incident Commander in the absence of the CAO.
 - a. The CAO shall make the determination to increase the incident level and activate the EOC.
- 4. An Incident Management Team (IMT) has, at a minimum, an Incident Commander (IC), a Planning and Engineering Chief (PEC) an Operations Chief (OC), and a Logistics Section Chief. The SLFPA-E Director of Engineering will serve as the PEC and the Operations Chief will serve as the OC. The IMT has primary responsibility for managing SLFPA-E's response to an incident; making decisions on Incident Action Plans (IAPs) and Incident Operational Periods (IOPs); expanding the IMT staff, activating the Emergency Operations Center, establishing forward command posts, joining Unified Command (UC), deploying representatives to Parish EOCs, issuing public statements and notices, activating Mutual Aid Agreements, and the like.
- 5. The SLFPA-E will utilize the Operation Coordination Checklist included in Appendix 2 to monitor and track the key actions of the IMT by event phase.



6. The SLFPA-E constituent levee district Police provide representatives to the Parish EOCs, as appropriate, to facilitate the flow of information used in the decision-making process.

F. Communications

1. SLFPAE maintains a password protected cloud-based internet application called Everbridge that provides situational awareness and critical information that is shared with Commissioners and staff.
2. In Level 3 incidents, standard communication protocols will be maintained. Constituent LDs will notify SLFPA-E of localized incidents; SLFPA-E initiates a conference call, at least once daily, with Directors to verify the cessation of day-to-day activities and the implementation of emergency closure plans as necessary and to ascertain the districts' need for the SLFPA-E to support implementation of protective actions.
3. In a Level 1 or 2 event, SLFPA-E will assume overall coordination authority and will hold a conference call at least once daily with all Directors to coordinate monitoring, assessment, response and recovery. Based on the anticipated or actual intensity of the event, state (GOHSEP, DOTD) and federal agencies (US Coast Guard, USACE, FEMA) will be invited to participate on the SLFPA-E call.
4. The necessity and timing of subsequent SLFPA-E-led coordination calls will be determined by the IC on the previous call or as a result of changing conditions. It is anticipated that in more intense events, the calls may be scheduled to correspond to the NWS advisory updates, which can occur once every 2 – 4 hours depending on storm proximity.
5. In a Level 3 or greater incident involving State EOC activation, the SLFPA-E may be invited to participate in GOHSEP coordination conference calls and briefings. In level 2 or 1 events, the SLFPA-E IC will serve as the spokesperson on all issues impacting the Authority.
6. A standard conference call agenda and reporting form included in Appendix 4 will be utilized by SLFPA-E.

G. Public Information and Messaging

1. The formulation and broadcast of consistent messages is instrumental to the success of this plan. In Level 2 or greater events, all crisis communications will be coordinated through the SLFPA-E PIO. Messaging must reach media outlets concurrently so that advisories are consistent and credible. Areas of public information should address at a minimum:
 - a. What hazard is being addressed; what has happened (no notice); when will the hazard arrive (notice events); and whether sheltering in place an option.
 - b. What areas the hazard(s) will likely be affecting or specifically what area has been



affected directly.

2. Specific information on the status of SLFPA-E marine floodgate structures is regularly updated on the SLFPA-E webpage (<http://www.floodauthority.org/closures/>).
3. The state PIO should be aware of local and regional conditions, evacuation instructions and other information; SLFPA-E, local governments and state messages should be consistent.

H. Emergency Operations Centers (EOCs)

1. The SLFPA-E maintains protocols for activating an EOC that describe the tasks and resources necessary for preparing a designated space(s) for use by an IMT at prescribed levels.
2. EOC Components
 - a. Events Management Room is the conference room where the IMT Command Staff manage the incident.
 - b. Breakout Rooms
 - c. Planning and Documentation Room
 - d. Call Center for taking, filtering and routing them appropriately.
 - e. The Logistics Support Teams are responsible for handling task orders assigned to them. These teams may be remotely located provided reliable communications can be maintained with the EOC. At full activation, the following teams are activated:
 - i. Finance/Timekeeping
 - ii. Purchasing
 - iii. Information Technology
 - iv. Employee Assistance/Human Resources
 - f. Media Monitoring Room is area with television(s) and recording devices to capture media broadcasts about an incident that the IMT may want to review.
 - g. Media Facilitation spaces when required.

I. Employee Involvement

1. While the routine functions of Levee Districts are not of an emergency nature, all district employees must work together during an emergency to ensure that SLFPA-E's operations are restored efficiently.
2. Emergencies may require all personnel to perform extra functions not part of their routine functions. In these situations, every attempt will be made to



preserve organizational integrity and to assign tasks that parallel the norm. However, it may be necessary to draw on the basic capabilities of individuals and use them in areas of greatest need. Day-to-day functions that do not contribute directly to the emergency operation may be suspended for the duration of any emergency. Likewise, resources and equipment required for day-to-day functions may be redirected to accomplish emergency tasks.

3. Basic Emergency Job Classifications:

- a. The management of typical job classifications are logistics, planning & engineering, operations, maintenance personnel, and the incident commander. The responsibilities of personnel are very similar to their routine responsibilities.
- b. Incident Management typically includes executive managers, senior managers, managers and engineers. The responsibilities of Incident Management during emergencies are similar to their routine responsibilities but may vary based on the type and severity of the incident.
- c. Support Staff typically includes any employees not included in the above classifications. The responsibilities of support staff may vary significantly from their routine responsibilities. Support staff positions may include:
 - i. Damage Assessment Teams
 - ii. EOC Liaisons
 - iii. Call Center Operators
 - iv. Task Order Develop/Entry Operators, Documentation Assistants and Scribes
 - v. Emergency Support Function assignments to the Logistics Support Teams
 - vi. Media Monitor or Escort
 - vii. Levee Police
- d. To ensure adequate coverage, "essential" SLFPA-E personnel may be assigned a specialized emergency job and trained to perform that job, as appropriate. If selected by the IMT, employees are expected to perform their emergency job.
- e. In the event sufficient employees are not available to staff emergency positions, the IMT will determine if external personnel would be suitable.
- f. Recovery efforts aim at returning SLFPA-E's systems to normal operations. They involve detailed damage assessments, complete restoration of vital systems, financial assistance and long-term restoration. There is no definite point at which response ends and recovery begins. However, most recovery efforts occur after the SLFPA-E returns to its normal organizational structure and day-to-day routine. This usually occurs after the situation is stabilized and the levee system has returned to a predictable state.

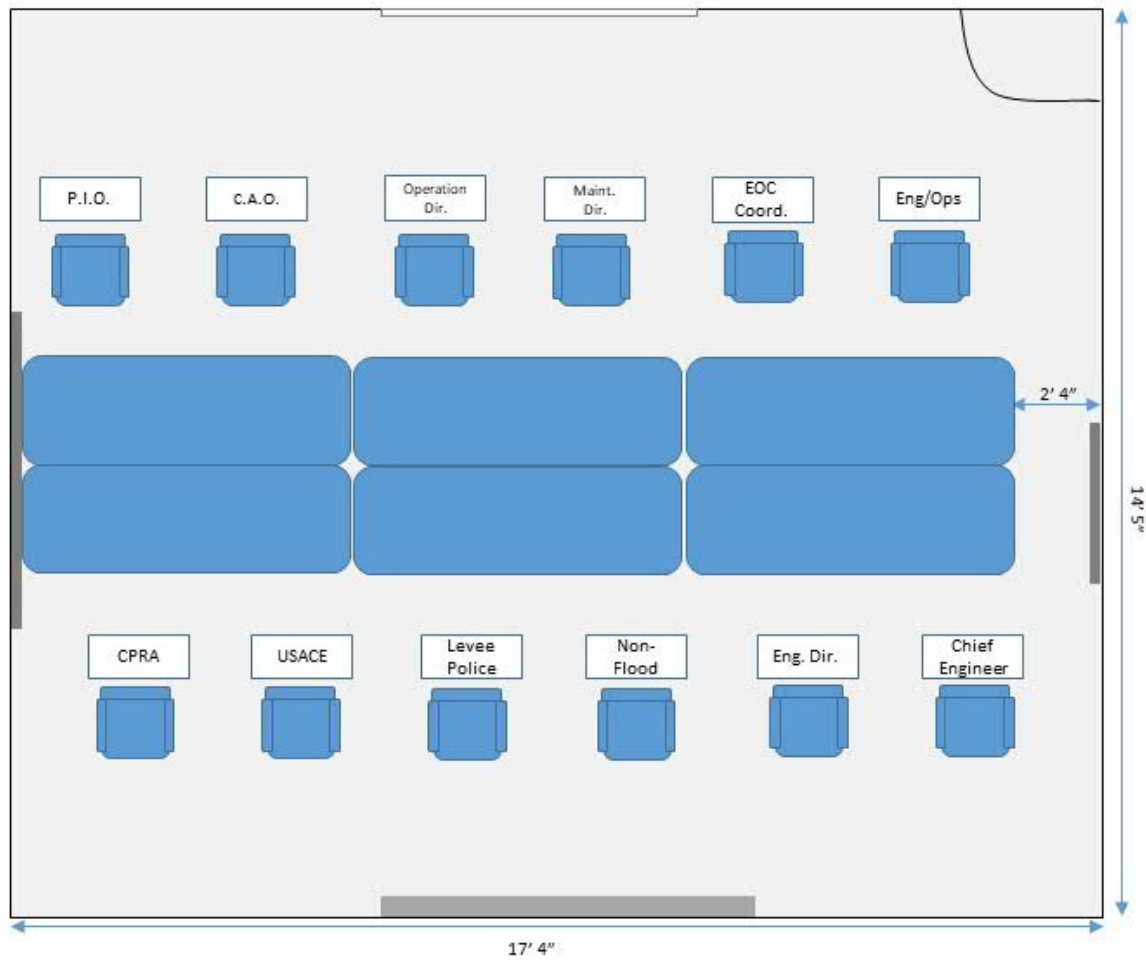


Figure 5 – Franklin Ave. EOC Facility

CHAPTER 4

Agency Responsibilities





4.0 AGENCY RESPONSIBILITIES

4.1 The State of Louisiana

- A. The Governor, who has the overall responsibility for emergency management in the state, is assisted in these duties by the Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP) Director, as cited in LA REV STAT §29:74.
- B. Tasks for those elements listed which have been given a primary or support-shared responsibility for emergency/ disaster situations are contained in "State of Louisiana Emergency Operations Plan, Attachment 3, and Emergency Support Function (ESF) Responsibility Chart."
- C. General responsibilities for all agencies are as follows:
 - 1. Each department, agency, or office with a primary responsibility for an ESF will organize, supervise and coordinate all activities that take place in that functional area. Primary departments are responsible for specifying the actions of supporting departments and establishing clear, coherent requirements so that supporting departments can function effectively and efficiently.
 - 2. Each department, agency, or office with a support responsibility for an ESF will respond as required to carry out assigned missions.
 - 3. State government departments, agencies, and offices having emergency responsibilities are required to carry out those responsibilities as designated in the "LA EOP, Attachment 3, State Agency Emergency Support Functions." Depending on its functions, a state agency may have a primary or support role. The SLFPA-E has a support function to State ESF 3: Public Works and Engineering

4.2 The Federal Government

- A. The Federal Emergency Management Agency (FEMA) is responsible for coordinating federal emergency/disaster operations and resources in support of state and local governments, and for directing and coordinating the delivery of federal disaster relief assistance programs. Assistance efforts are organized and coordinated according to the policies and procedures detailed in the National Response Framework (NRF) and the NIMS. The Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act) (Public Law 100-707) is a federal law designed to bring an orderly and systemic means of federal natural disaster assistance for state and local governments in carrying out their responsibilities to aid citizens. Today's Stafford Act is a 1988 amended version of the Disaster Relief Act of 1974 (Public Law 93-288) that created the existing system by which a presidential disaster declaration of an emergency triggers financial and physical assistance through FEMA efforts. The National Response Framework (NRF) includes 28 federal agencies and nongovernmental organizations, including the American Red Cross. Congress amended the law by passing the Disaster Mitigation Act of 2000 (Public Law 106-390), and again in 2006 with the Pets



Evacuation and Transportation Standards Act (Public Law 109-308).

B. U.S. Army Corps of Engineers (USACE)

1. In the event of a natural or man-made disaster, USACE is set up to respond to disasters and emergencies as part of the federal government's unified national response, and its priorities are to:
 - a. Support immediate, emergency response priorities;
 - b. Sustain lives with critical commodities, temporary emergency power and other needs; and,
 - c. Initiate recovery efforts by assessing and restoring critical infrastructure.

During natural disasters and other emergencies, USACE can respond in a number of ways; provide engineering expertise to local and state governments in support of FEMA, provide drinking water and ice, clean up debris, provide auxiliary power to critical infrastructure, repair and provide temporary housing or roofing.

2. Flood Control and Coastal Emergency Act (Public Law 84-99)

- a. Flooding is the most common, costly and deadly natural disaster in the United States each year. Emergency preparedness and response are primarily state and local responsibilities, but USACE is authorized to assist communities in pre-flood preparedness, during flood events and with post-flood response. Under the Flood Control and Coastal Emergency Act (Public Law 84-99), USACE has authority to conduct emergency management activities, including preparedness, response and rehabilitation.
 - i. Preparedness - The law establishes an emergency fund to prepare for immediate response to natural disasters, flood fighting and rescue operations.
 - ii. Response Activities – USACE may supplement state and local entities in flood fighting in urban and other non-agricultural areas, under certain conditions. All flood fight efforts require a Project Cooperation Agreement signed by the public sponsor, which is required to remove all flood fight material after the flood has receded.
 - iii. Rehabilitation – Rehabilitation or restoration to pre-disaster status of eligible flood protection systems at no cost to the federal system owner (20 percent cost to the eligible non-federal system owner). Systems considered eligible for rehabilitation assistance must be in the Rehabilitation and Inspection Program before the flood. The fund also includes rehabilitation of flood damage risk reduction systems.
- b. An imminent threat of unusual flooding must exist for USACE to assist communities in a flood fight; a written request from a state's governor is also required. Flood services



most often provided by USACE during a flood fight include: providing technical engineering advice; providing flood fighting materials and supplies, such as sandbags, pumps and expedient flood fight products to threatened communities to supplement local response; pre-positioning flood fighting supplies and equipment at key locations; and building emergency levees/dikes.

3. Emergency Support Function #3 – Engineering and Public Works

- a. USACE assists the Department of Homeland Security and FEMA by coordinating and organizing public works and engineering-related support.
- b. Typical ESF 3 assistance provided by USACE includes the following:
 - i. Participation in damage/needs assessments.
 - ii. Provision of emergency power to public facilities.
 - iii. Execution/management of emergency contracts to support public health and safety by providing potable water and ice.
 - iv. Emergency debris clearance and removal and disposal management of debris from public property.
 - v. Assessment of damaged streets, bridges, ports, waterways, airfields and other facilities necessary for emergency access to disaster victims.
 - vi. Emergency restoration of critical public facilities, including temporary restoration of water supplies and wastewater treatment systems.
 - vii. Emergency demolition or stabilization of damaged structures and facilities.
 - viii. Technical assistance including inspection of private residential structures and commercial structures.
- c. USACE uses pre-awarded contracts that can be quickly activated for missions such as water, ice, temporary roofing, generator installation and debris management.

C. U.S. Coast Guard

- 1. U.S. Coast Guard, which includes active duty, reserve, and civilian personnel to protect the coastal boundaries of the United States, provides vital support during natural disasters. It assists with ocean disasters, flying helicopters and driving trucks that transport supplies, injured and sick people and emergency material. The Coast Guard has 11 mission areas, and four of those can intersect with emergency management issues affecting SLFPA-E.
 - a. Port, Waterway and Coastal Security - Conducts patrols, gathers and analyzes intelligence, assesses vulnerabilities in order to thwart terrorist attacks and maintains territorial integrity.
 - b. Search and Rescue - Maintains emergency-response stations and a communication



system for helping those in distress.

- c. Aids to Navigation - Manages and monitors U.S. waterways, making sure traffic flows in a safe and efficient manner.
- d. Marine Environmental Protection - Prevents and responds to oil and chemical spills, stops illegal dumping in U.S. waters and works to curtail the proliferation of invasive plant and animal species.
- e. Regulated Navigation Area (RNA) – The USCG will be contacted by FPA EOC to establish a 24-hour notice to mariners for vessels to seek other harbors outside the IHNC basin RNA. Closure of the GIWW Surge Barrier East Closure Structures and the Seabrook Structure can proceed after the 24-hour notice.

4.3 SLFPA-E

SLFPA-E Executive Offices include Chief Administrative Officer (CAO), Legal Counsel, Compliance Officer and Governmental Liaison, all of whom report to the President of the SLFPA-E Board of Commissioners.

- A. Situations or incidents will arise that require SLFPA-E to “re-focus” its resources to deal effectively with the situation. When this occurs, it does not change the authority or responsibilities of those in charge of the SLFPA-E, as set forth by the State Legislature and established by the Board of Commissioners. In establishing an Incident Management Team, every effort is made to maintain the same basic chain of authority that exists during normal operations. However, it is recognized that reporting lines and duties may be temporarily altered during the incident response period.
- B. Emergency job assignments are issued based on striking a balance between the following priorities:

Priority	Reason
1	Mission Critical
2	Maintaining Chain of Authority
3	Agency’s need
4	Emergency tasks parallel the norm
5	Individual skill and talent
6	Supervisory consent

- C. Section 8.0 of this CEMP describes the SLFPA-E ICS’s organizational structure at full implementation. It also identifies IMT members of the different position pools.
- D. In the event that a situation or incident requires the SLFPA-E to “re-focus” its resources into the ICS, a declaration is made by the SLFPA-E President or the CAO. This



declaration allows the basic IMT to expand as needed to effectively manage the situation or incident.

- E. The assignment of responsibilities for a given period of emergency operation is determined by the IMT. This team decides what position(s) need to be activated based on the incident at hand, who fills what position(s) based on position pool designation and availability, when the position(s) is required to be filled, and the work schedule and location where the work is to be performed. The standard IMT will include, at a minimum an Incident Commander (IC), a Planning and Engineering Chief (PEC) and an Operations Chief (OC).
- F. As the situation stabilizes, or as the need for an activated ICS position diminishes, the Incident Management Team releases those positions with instructions on how to return to normal operations.

CHAPTER 5

Plan Development and Maintenance





5.0 PLAN DEVELOPMENT AND MAINTENANCE:

5.1 Plan Development

- A. Approach – the SLFPA-E CEMP was developed using a multi-faceted, structured approach that included:
 - 1. Training district staff in basic emergency management principles, then soliciting informed input on how those principles are/can be used by the SLFPA-E;
 - 2. Soliciting “best practice” information on emergency management from organizations outside the SLFPA-E;
 - 3. Coalescing multiple existing response plans with informed input and outside organization “best practice” information into a single, comprehensive emergency management plan;
 - 4. Developing consensus on the coalesced plan; and
 - 5. Training the districts on and exercising the coalesced plan.
- B. Mechanics – the SLFPA-E CEMP was developed using the following mechanics:
 - 1. Using professional consulting services with recognized expertise in the emergency management field to guide the SLFPA-E through the development and deployment process;
 - 2. Appointing an internal Plan Development Coordinator and planning team to work through the details of the plan;
 - 3. Conducting training in basic emergency management principles using both on-site classroom and individual on-line methods;
 - 4. Soliciting district-wide input through periodic, targeted workshops;
 - 5. Reviewing progress methodically at multiple management levels throughout the development process;
- C. Any major re-developments of this plan (not updates) should use a similar approach and similar mechanics.

5.2 Plan Maintenance

- A. The SLFPA-E CEMP will be updated annually. The Director of Engineering or designee is responsible for annual plan updates.
- B. The SLFPA-E CEMP will be reviewed after each exercise and/or actual response to an emergency event and modified as necessary. The IC is responsible for review and required modifications.
- C. Annexes will be reviewed and revised, if needed, after each of the following types of events:



1. A major change in applicable Federal or state laws, regulations or policies;
2. The SLFPA-E CEMP will be updated to incorporate new Presidential directives, legislative changes and procedural changes;
3. A major event impacting the SLFPA-E districts;
4. The findings of ongoing vulnerability and needs assessments; and
5. Major advances in applicable response technology and/or operational concepts.

5.3 Training

- A. Plan training will be conducted annually and coordinated by the Director of Engineering.
- B. All levee district supervisors are required to complete IS 100, IS 200, IS 700, and IS 800 courses as described below
- C. All levee Flood Authority directors are required to take the above courses, including the IS 300 and IS 400.
- D. All levee district employees with emergency roles that differ from their non-emergency assignment are recommended to complete IS 200 in addition to the base courses required of all employees.
- E. The following are ICS classes offered by FEMA:
 1. IS 100 – Introduction to the Incident Command System
<http://www.training.fema.gov/EMIWeb/IS/IS100A.asp>
 2. IS 200 – Basic Incident Command System
<http://www.training.fema.gov/EMIWeb/IS/IS200A.asp>
 3. IS 700 – Introduction to the National Incident Management System
<http://training.fema.gov/EMIWeb/IS/is700a.asp>
 4. IS 300 – Intermediate Incident Command System (classroom only)
 5. IS 400 – Advanced Incident Command System (classroom only)
 6. IS 235 – Emergency Planning <http://training.fema.gov/emiweb/IS/is235.asp>
 7. IS 703 – NIMS Resource Management
<http://training.fema.gov/emiweb/IS/is703.asp>
 8. IS 800b – Introduction to the National Response Framework
<http://training.fema.gov/EMIWeb/IS/IS800b.asp>
 9. Other recommended courses <http://training.fema.gov/emiweb/IEMC/>
 - a. E900/E901 - IEMC/All Hazards
 - b. E905/E906 - IEMC/Hurricane



- c. E920 - IEMC/Hazardous Materials
 - d. E915 - IEMC/Homeland Security (Terrorism)
- F. All levee district employees are encouraged to complete emergency position specific on-line courses available from the Emergency Management Institute (EMI). Department Managers and above should consider completing courses necessary to receive their Professional Development Series (PDS) certification.
- <http://training.fema.gov/IS/searchIS.asp?keywords=PDS>
- G. Training records will be maintained by the Human Resource Department.
- H. Training is not limited to the items listed in this document. Employees may receive training from any number of sources and formats in addition to the training listed in this procedure.

5.4 Required Exercises

- A. This plan shall be exercised annually in lieu of actual response to real emergency events.

CHAPTER 6

Authorities and References





6.0 AUTHORITIES AND REFERENCES

6.1 Legal Authority

A. Federal

1. Public Law 93-234, as amended The Flood Disaster Protection Act of 1973.
2. Public Law 93-288, The Disaster Relief Act of 1974, as amended by Public Law 100-707, The Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988.
3. Title 44, The Code of Federal Regulations, Part 206.
4. Federal Emergency Management Agency, FEMA-64, Emergency Action Planning Guidelines for Dams, 1985.
5. Federal Emergency Management Agency, SLG 101 State and Local Guide
6. Federal Emergency Management Agency, SLG101A State and Local Guide
7. National Response Framework, 2008
8. National Incident Management System, 2004 (2007 Revision in draft)
9. All other Public Laws or Executive Orders enacted or to be enacted which pertain to emergencies/disasters
10. Federal Emergency Management Agency, Comprehensive Preparedness Guide (CPG) 101, Producing Emergency Plans, Interim Version 1.0, 1 August 2008

B. State

1. The Louisiana Homeland Security and Emergency Assistance and Disaster Act of 1993 as amended
2. Louisiana Revised Statute §29:724
3. Louisiana Revised Statute §38:300.1-2 (included in Appendix 1)
4. Act 111, Emergency Interim State Executive Succession Act of 1963
5. Act 112, Emergency Interim Judicial Succession Act of 1963
6. Act 113 as amended, Emergency Interim Legislative Succession of 1963
7. The Louisiana State Administrative Plan dated 1992, as amended
8. Louisiana Significant/High Hazard Dam Safety Plan 1989
9. State Executive Order included in the preface to this plan
10. Louisiana Disaster Recovery Manual dated January 2005, as amended
11. Other Acts, Executive Orders, Proclamations, Compacts, Agreements, and Plans pertaining to emergencies and/or disasters that has been or will be developed or enacted

Southeast Louisiana Flood Protection Authority-East Comprehensive Emergency Management Plan



6.2 References

The State of Louisiana Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP) State of Louisiana Emergency Operations Plan

CHAPTER 7

Hazard Specific Emergency Activation Levels





7.0 HAZARD SPECIFIC EMERGENCY ACTIVATION LEVELS:

Southeast Louisiana is vulnerable to a range of natural, technological and human induced hazards. The events that pose the greatest risk include hurricane and riverine flood events. While the intent of a National Incident Management System (NIMS) compliant Comprehensive Emergency Management Plan is to provide a standard approach for addressing all hazards, the SLFPA-E has unique coordination and emergency response responsibilities associated with hurricanes and riverine floods which are detailed in this annex.

SLFPAE Emergency Activation Level transition triggers have been established for the three primary hazards threats; natural (including hurricane, riverine flood and other natural incidents), technological, and human-induced.

Emergency Activation Level Transition Triggers by Hazard Type			
Transition:	Phase from EAL 4 to EAL 3	Phase from EAL 3 to EAL 2	Phase from EAL 2 to EAL 1
EAL:	Level 3	Level 2	Level 1
Lead Agency:	Levee District	SLFPA-E	SLFPA-E
Natural			
Hurricane	When Southeast Louisiana is included in the 72-hour average forecast error cone published by the NWS (H-72)	48 hours before hurricane conditions could impact southeast Louisiana (H-48)	24 hours before hurricane conditions are expected to impact southeast Louisiana (H-24)
Riverine Flood	Escalation from Phase I Mobilization to Phase II Mobilization (River reaches 15.0' and rising at the Carrollton Gage)	When the River reaches 17.0' and rising at the Carrollton Gage	Imminent threat of levee overtopping or breach Actual levee failure
Other (ie. medical pandemic)	Based on observations, input from constituent LDs, or direction from GOHSEP	Based on observations, input from constituent LDs, or direction from GOHSEP	Based on observations, input from constituent LDs, or direction from GOHSEP
Technological	Based on observations and input from constituent LDs involving potential damage to flood protection systems.	Based on observations and input from constituent LDs involving eminent threat of flooding.	Based on additional observations and input from constituent LDs.



Emergency Activation Level Transition Triggers by Hazard Type			
Transition:	Phase from EAL 4 to EAL 3	Phase from EAL 3 to EAL 2	Phase from EAL 2 to EAL 1
EAL:	Level 3	Level 2	Level 1
Lead Agency:	Levee District	SLFPA-E	SLFPA-E
Human Induced	When Homeland Security Threat Conditions are designated to be Yellow – Elevated Risk, as confirmed by GOHSEP	When Homeland Security Threat Conditions are designated to be Orange – High Risk, as confirmed by GOHSEP	When Homeland Security Threat Conditions are designated to be Red – Severe Risk, as confirmed by GOHSEP

7.1 HURRICANES

Hurricanes are Louisiana’s highest risk hazard threat. They are most likely to occur during “Hurricane Season”, which runs from the beginning of June through the end of November. Hurricane-related perils include high winds, heavy rain and storm surge which can endanger life and property. In the event of a hurricane, the SLFPA-E must undertake extraordinary coordination and response action to protect public safety and the integrity of its structures. Primarily, coordination is required with the following entities:

1. USACE New Orleans District
2. USCG New Orleans Sector
3. FEMA
4. Louisiana GOHSEP
5. CPRA
6. LDOTD
7. State Police
8. Local Governments
9. Neighboring Levee Districts

Each of the entities listed above maintain their own emergency operations plan. SLFPA-E staff must maintain a basic knowledge of those plans and how they complement this CEMP.

The National Weather Service is responsible for issuing Tropical Cyclone Forecasts/Advisories which contain a list of all current watches and warnings on a tropical or subtropical cyclone, as well as the current latitude and longitude coordinates, intensity, and system motion. The advisory contains forecasts of the cyclone positions, intensities, and wind fields for 12, 24, 36, 48, and 72 hours from the current synoptic time. The advisory may also include information on any pertinent storm tides associated with the cyclone.



Tropical cyclones are unpredictable. Forecast intensity, forward speed and track can change significantly before landfall occurs. SLFPA-E must constantly monitor all information available from the NWS whenever storms are likely to form or have formed in the Atlantic basin. NWS Forecast/Advisories are issued on all Atlantic tropical and subtropical cyclones every six hours at 0300, 0900, 1500, and 2100 UTC. Special Forecast/Advisories may be issued at any time due to significant changes in warnings or in the cyclone.

Typical hurricane and tropical storm alerts issued by the NWS include:

1. Tropical Storm Watch: An announcement that tropical-storm conditions are possible within the specified area.
2. Hurricane Watch: An announcement that hurricane conditions are possible within the specified area.

Watches are issued 48 hours in advance of the anticipated onset of tropical-storm-force winds.

1. Tropical Storm Warning: An announcement that tropical-storm conditions are expected within the specified area.
2. Hurricane Warning: An announcement that hurricane conditions are expected within the specified area.

Warnings are issued 36 hours in advance of the anticipated onset of tropical-storm-force winds.

1. Extreme Wind Warning - Extreme sustained winds of a major hurricane (115 mph or greater), usually associated with the eyewall, are expected to begin within an hour.

A. Activation level triggers

The CEMP outlines triggers that prompt officials and staff to transition to emergency activation levels associated with increasing levels of risk. The emergency activation levels and associated triggers for Hurricane events are provided below:

Emergency Activation Level Transition Triggers			
Transition:	Phase from EAL 4 to EAL 3	Phase from EAL 3 to EAL 2	Phase from EAL 2 to EAL 1
EAL:	Level 3	Level 2	Level 1
Lead Agency:	Levee District	SLFPA-E	SLFPA-E
Hurricane	When Southeast Louisiana is included in the 72-hour average forecast error cone published by the NWS (H-72)	48 hours before hurricane conditions could impact southeast Louisiana (H-48)	24 hours before hurricane conditions are expected to impact southeast Louisiana (H-24)

B. Response Activities

1. All response activities undertaken related to hurricanes will follow the general



procedures outlined in the CEMP

2. In the event of a major hurricane, the SLFPA-E may need to engage in extraordinary measures to close navigational flood gates across shipping channels and numerous land based flood gates, some of which cross railways and highways that serve as evacuation routes. Such activities require monitoring, coordination, and notification of appropriate agencies and the public.
3. Specific actions at each emergency action level may be required, as follows:
 - a. Level 4: Normal operations during hurricane season include:
 - i. Maintaining general situational awareness by monitoring NWS forecast information and local new media reports regarding weather conditions in the Atlantic Basin;
 - ii. Maintaining lines of communication with supporting agencies and meeting with them to review plans for responding to hurricane emergency situations;
 - iii. Conducting hurricane exercises to maintain response readiness;
 - iv. Frequently check and maintain floodgates in a state of readiness for closure;
 - v. Regularly inspect all system components, report at once all deficiencies detected and expedite needed repairs.
 - vi. Keep serviced and repaired all vehicles and equipment that might be needed to respond to a hurricane event.
 - vii. Establish and communicate protocols for overtime, annual leave requests and emergency expenditures; regularly update emergency equipment lists;
 - viii. Maintain and verify current inventories of supplies such as sandbags, riprap, aggregate, embankment material and fuel, and replenish as needed; and
 - ix. Initiate and maintain a log of major and-or special activities for the duration of each tropical event
 - b. Level 3: When the NWS first indicates that southeast Louisiana is included in the 72-hour average forecast error cone for a tropical system, there is a good possibility that our area could be impacted by severe weather conditions and high tides within 48-72 hours. Transition will be made to EAL 3 at this time. SLFPA-E must begin preparations for responding to a potential major flood event. The following actions will be taken:
 - i. The Chief Engineer will notify the Crisis Action Team (CAT) of the potential storm threat and send out NWS forecast information after each update
 - ii. The CAO will notify the Board President and initiate conference calls with



- the CAT and levee districts operations staff to monitor and coordinate preparation activities
- iii. Any needed repairs to system components, vehicles or equipment will be rushed to completion
 - iv. Preparations will begin to establish a draft "battle rhythm plan" that includes timelines for meetings, conference calls and work assignments
 - v. Overtime emergency duty rosters will be developed and essential personnel will be placed on stand-by status.
 - vi. Each levee district will begin implementation of their emergency operations plan
 - vii. Inventories of supplies will be monitored and stock items replenish as needed
 - viii. Water levels at each floodgate and valve will be monitored and gates and valves will be closed before water level reaches gate sill or valve invert elevation
 - ix. Permittees will be notified to initiate their pre-approved emergency action plan
 - x. Communications with supporting and cooperating agencies will be established and maintained
 - xi. Closure procedures for the major navigational floodgates will be reviewed internally and with the USACE New Orleans District and USCG New Orleans Sector
 - xii. Plans will be made to house essential personnel
- c. Level 2: When hurricane force winds could reach southeast Louisiana within 48 hours, transition will be made to EAL 2. Water levels may begin to rise at any time. SLFPA-E must respond by initiating the process of "closing in" the flood defense system. The following actions will be taken:
- i. The Crisis Action Team will set the time for activation of the SLFPA-E EOC
 - ii. The CAO will assume command as the Incident Commander (IC) and notify the Board President.
 - iii. The Incident Management Team will be established by the IC.
 - iv. Each levee district will continue to execute their emergency operations plan
 - v. Conference calls with the IMT and levee districts will continue
 - vi. Levee District operations supervisors will submit daily reports to the Operations Chief using the format contained in this CEMP



- vii. All construction activities within 300' of the levee must be shut down. Active excavation operations within 300' of the levee will be required to cease, and open excavations must be filled in accordance with USACE requirement.
- viii. Contractors performing permitted work will be checked to insure that they have initiated their emergency action plans. Water levels at each floodgate and valve will continue to be monitored and gates and valves will be closed before water level reaches gate sill or valve invert elevation.
- ix. Communications will be maintained with supporting and cooperating agencies
- x. Closure of all gates crossing evacuation routes will be coordinated with CPRA, local authorities, Louisiana State Police, and Louisiana Department of Transportation and Development and the appropriate railroad company
- xi. Closure of the navigational flood gate in the GIWW will be coordinated with the CPRA, USACE New Orleans District and the USCG New Orleans Sector
- xii. Evacuation of marine vessels from the IHNC Regulated Navigation Area will be monitored through communication with the USCG New Orleans Sector
- xiii. Appropriate marine alerts regarding the status of all navigational floodgates will be posted
- xiv. The status of all floodgates and valves will be kept up to date in the Levee Information Management System (LIMS) Floodgate Module
- xv. Provision will be finalized to house essential personnel for the duration of the event
- xvi. All supervisors will maintain 100% accountability of personnel
- xvii. Other emergency protective measures will be implemented as directed by the IC
- d. Level 1: When a hurricane is approaching southeast Louisiana and hurricane conditions are expected in the area, the NWS will issue a Hurricane Warning. This is an indication that SLFPA-E will likely be impacted by hurricane and accompanying storm surge. 24 hours in advance of forecasted hurricane conditions in the area, the transition will be made from EAL 2 to EAL 1
 - i. The IC will notify the Board President
 - ii. The SLFPA-E EOC will be fully operational on a 24 hour basis
 - iii. Each levee district's operations staff will continue to execute their emergency operation plan



- iv. Conference calls with the IMT and levee districts will continue
- v. Levee District operations supervisors will continue to submit daily reports to the Operations Chief
- vi. Communications will be maintained with supporting agencies
- vii. Final closures of flood gates and valves will be made before weather conditions become unsafe to remain outdoors
- viii. All employees and liaisons from supporting agencies will be sheltered in a pre-designated facility before conditions become unsafe for travel
- ix. 100% accountability of all personnel will be maintained
- x. The status of all floodgates and valves will be kept up to date in the Levee Information Management System (LIMS) Floodgate Module
- xi. Plans will be made to conduct damage assessments once conditions improve.
- xii. After conditions become unsafe to travel, the news media, the public and other agencies will be monitored for reports of flooding and infrastructure damage.
- xiii. As soon as conditions become safe for travel, all reports of flooding and system damages will be investigated by levee districts and all findings will be reported back to the SLFPA-E EOC.
- xiv. The SLFPA-E, in coordination with supporting and cooperating agencies, will use all means at its disposal and within its authority to stop active flooding and make emergency repairs.
- xv. The IC will direct the reopening floodgates and valves after the threat of flooding has passed in accordance with their emergency operations plans
- xvi. The SLFPA-E will coordinate with the USACE and USCG to set the approximate time for reopening the main navigational floodgate in the GIWW
- xvii. When the hurricane threat has passed and after any flood fight activities cease, a thorough damage assessment will be conducted in coordination with the CPRA and USACE New Orleans District
- xviii. Any major deficiencies found during damage assessments will be immediately reported to the Chief Administrative Officer, Director of Engineering and Chief Engineer
- xix. All repairs required to address major deficiencies will be prioritized by the Chief Engineer and safely completed as soon as possible



7.2 RIVERINE FLOODS

- A. Snow, rain and an early thaw within the Mississippi Valley are conditions that singularly or together could cause the Mississippi River to rise above elevation +15.0' NGVD at Carrollton Gage, New Orleans, Louisiana (which is above normal), or predictions of a rise above +20.0' NGVD at Carrollton Gage, New Orleans, Louisiana (which would constitute a major flood threat). Sufficient advance planning is usually available to combat a high river crest except in the event of a bank or levee failure, which could happen unpredictably.
- B. The River levee must be patrolled on a continuing and regular basis. There are many clues to possible levee problems. Trees, navigation lights or other structures on the batture which have fallen over or disappeared can be signs of trouble starting under the water line. Seepage of dirty water through the levee and heaves and boils on the berm can precede levee failures. Any settlement of the levee can mean that it is being undermined by the River. Any of these signs or any out of the ordinary problems should be reported to the USACE at once so that the proper corrective action can be taken.
- C. When the river level at the Carrollton gages reaches +11.0' and rising, piling cannot be driven within 1500' of the levee unless a variance is granted by the USACE. If a variance is given, then only single- acting non-vibrating hammers may be used, with no overdriving allowed. When the river rises above +15.0' all pile driving within 1500' of the levee must cease.
- D. Because the USACE is so intimately involved in the Mississippi River Levee System, the SLFPA-E's emergency conditions are related closely to theirs insofar as timing and degree of emergency is concerned. The "Mississippi Valley New Orleans Operations Plan for Floods" includes the Mississippi River flood control plan for the New Orleans District.
- E. The following is an excerpt from "Mississippi Valley New Orleans Operations Plan for Floods" that follows its activation plan, not to be confused with the FPA Emergency Activation Triggers.
- F. Concept of Operations. This mission will be conducted in four stages. (1. Preparation, 2. Phase I, 3. Phase II, and [4.] Deactivation/After Action Report.
 - 1. Preparation is a proactive period in which CEMVN Divisions and Offices will conduct accountability of personnel and materials needed in a flood fight event. This stage begins following the completion of the previous high water AAR.
 - 2. Phase I Mobilization – Flood Fight Inspection activities along the Mississippi River levees within SLFPA-E's jurisdiction begin when the River reaches 11.0' and rising at the Carrollton Gage
 - 3. Phase II Mobilization – Flood Fight Inspection activities are elevated to this Phase when the River reaches 15.0' and rising at the Carrollton Gage.



4. Deactivation/After Action Report is a period of conducting after action reviews and redeployment of personnel and materials used in a flood event.

G. Emergency Action Levels

This CEMP outlines triggers that prompt staff to transition to emergency activation levels associated with increasing levels of risk. The emergency activation level transition triggers corresponding to the 4 Stages of Alerts are provided below:

Emergency Activation Level Transition Triggers			
Transition:	Phase from EAL 4 to EAL 3	Phase from EAL 3 to EAL 2	Phase from EAL 2 to EAL 1
EAL:	Level 3	Level 2	Level 1
Lead Agency:	SLFPA-E	USACE	USACE
Riverine Flood	Escalation from Phase I Mobilization to Phase II Mobilization (River reaches 15.0' and rising at the Carrollton Gage)	When the River reaches 17.0' and rising at the Carrollton Gage	Imminent threat of levee overtopping or breach Actual levee failure

H. Response Activities

1. All response activities undertaken related to riverine will follow the Incident Command System and general procedures outlined in the CEMP
2. Specific actions at each emergency action level may be required, as follows:
 - a. Level 4: Based on general situational awareness of rising water levels within the Mississippi Basin due to upstream flooding or spring melts, as well as localized rainfall events, SLFPA-E will coordinate with the USACE to monitor the potential for flooding within the SLFPA-E area of authority. When the river stage reaches +11.0 on the Carrollton Gage in New Orleans, the following actions will be taken:
 - i. Flood gates will be inspected and made ready for possible closure.
 - ii. All vehicles and equipment that might be needed to respond to a high river event will be serviced and any repairs expedited.
 - iii. Personnel, vehicles and equipment will be assigned to surveillance teams and communication functions
 - iv. Protocols for overtime, annual leave requests and emergency expenditures will be established and communicated to appropriate parties
 - v. Surveillance patrols will be increased to 3 times a week
 - vi. Inventories of supplies such as sandbags, riprap, aggregate, embankment material, fuel, etc. will be verified and stock items will be replenished as



needed

- vii. A log of major and/or special activities will be started and maintained for the duration of each high water event
- b. Level 3: As potential flood levels are projected to exceed +15.0' at the Carrollton Gauge on the Mississippi River, surveillance patrols must be increased and flight fight activities will be conducted in close coordination with the USACE. The following actions will be taken:
 - i. The Chief Engineer will notify the Crisis Action Team (CAT) of the NWS forecast stage elevations for the Carrollton gage at New Orleans
 - ii. The CAO will notify the Board President and initiate conference calls with the CAT and levee districts operations staff to monitor and coordinate flood fight activities
 - iii. Surveillance patrols will be increased to once per day including weekends, and daily surveillance reports will be submitted to the USACE. Any signs of distress will be immediately communicated to the USACE
 - iv. Inventories of supplies will be monitored stock items replenish as needed
 - v. Water levels at each floodgate will be monitored and gates will be closed before water level reaches gate sill elevation
 - vi. Measures will be taken to monitor and address seepage areas, sand boils, debris piles, etc.
 - vii. All construction activities within 300' of the levee and all pile driving operations within 1500' of the levee will be shut down. Active excavation operations within 1500' of the levee will be required to cease, and open excavations must be filled in accordance with USACE requirement. Permittees will be required to initiate their pre-approved emergency action plans.
- c. Level 2: As potential flood levels are projected to exceed the +17.0' flood stage at the Carrollton Gage, increased surveillance is required and a major flood fight effort will commence under the direction of the USACE and in close coordination with CPRA. The following actions will be taken:
 - i. The Crisis Action Team will set the time for activation of the SLFPA-E EOC if required
 - ii. The CAO will assume command as the Incident Commander (IC) and notify the Board President.
 - iii. The Incident Management Team will be established by the IC.
 - iv. Surveillance of the river levee system will be increased to at least two patrols daily. Additional patrols may be needed to monitor seepage areas,



- sand boils, debris build-up, etc. All surveillance reports will be transmitted to USACE and CPRA as quickly as possible. Any signs of distress will be immediately communicated to the IC, USACE and CPRA.
- v. Inventories of supplies will be monitored stock items replenish as needed
 - vi. Water levels at each floodgate will continue to be monitored and gates will be closed before water level reaches gate sill elevation
 - vii. Measures will continue to be taken to address seepage areas, sand boils, debris piles, etc.
 - viii. Intense surveillance and associated response activities will continue even after the river crest passes and until the USACE, CPRA and the IC issue a stand down order. Particular attention should be given to conditions on the river bank and batture area. As the stage in the river drops, previously stable levee sections could fail by sliding into the river. A rapidly falling river sometimes causes such failures. Trees, navigation lights or other structures on the batture which have fallen over or disappeared can be signs of trouble starting under the water line.
 - ix. After flood fight activities cease, an initial damage assessment will be conducted in coordination with the USACE. Routine minor repairs will be scheduled and completed on a priority basis. The USACE is responsible for all major repairs. SLFPA-E will provide as much assistance as possible to the USACE.
- d. Level 1: If levee overtopping or levee breach is imminent or actually in progress, there is a real possibility of significant casualties and severe property damage. All actions must first and foremost be directed to the preservation of life. The following actions will be taken:
- i. The IC will notify the Board President
 - ii. All employees will be directed to pre-designated areas that can provide shelter above potential floodwaters
 - iii. News of an impending or actual levee failure will be communicated to USACE, CPRA, elected officials and the public using any and all means available
 - iv. When the period of imminent danger passes, SLFPA-E, in coordination with CPRA, will utilize all resources at its disposal to assist the USACE in its efforts to stop flooding

CHAPTER 8

SLFPAGE Incident Management Team Roles and Responsibilities



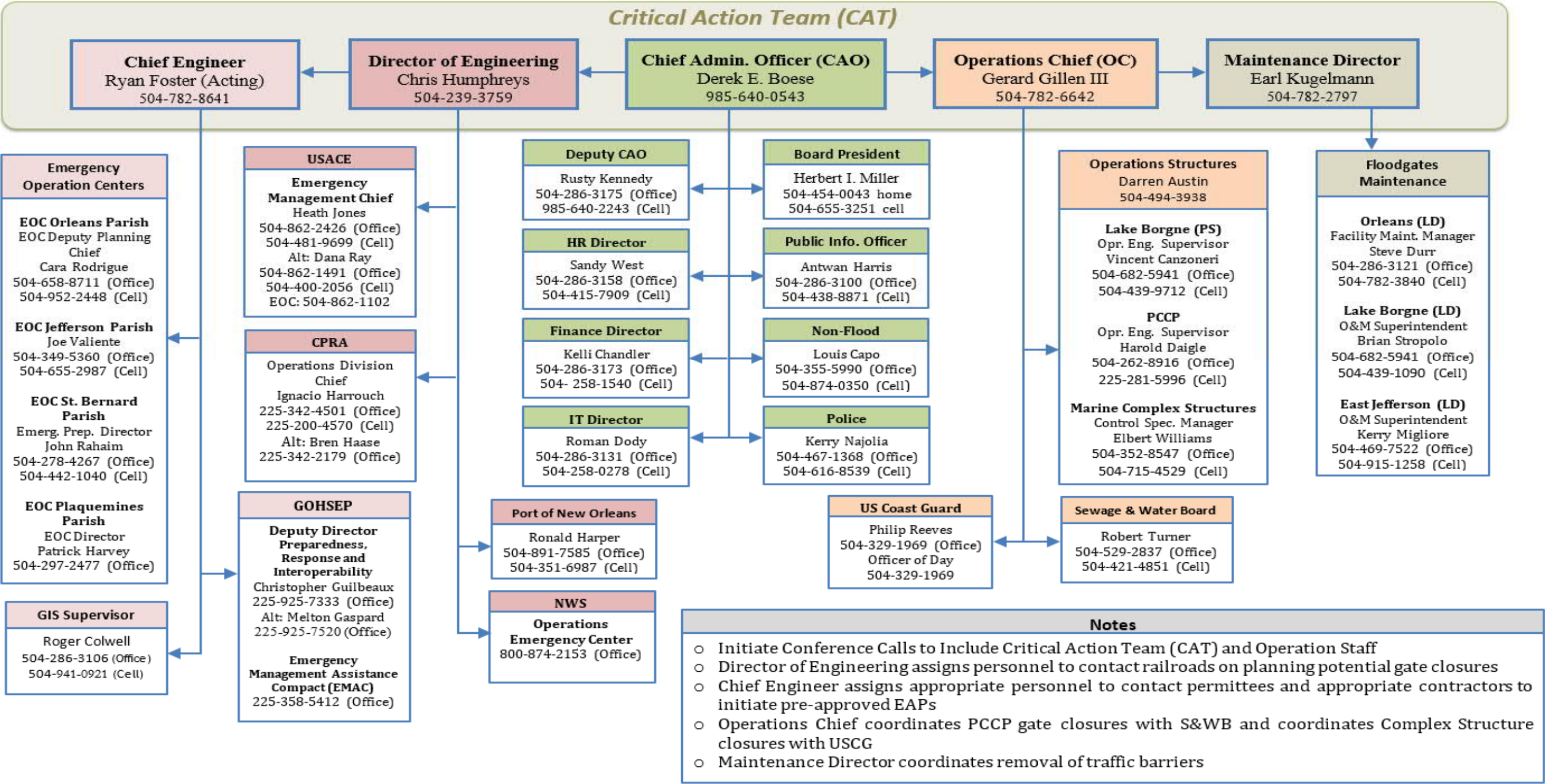


8.0 SLFPAE INCIDENT MANAGEMENT TEAM ROLES AND RESPONSIBILITIES



8.1 Level 3

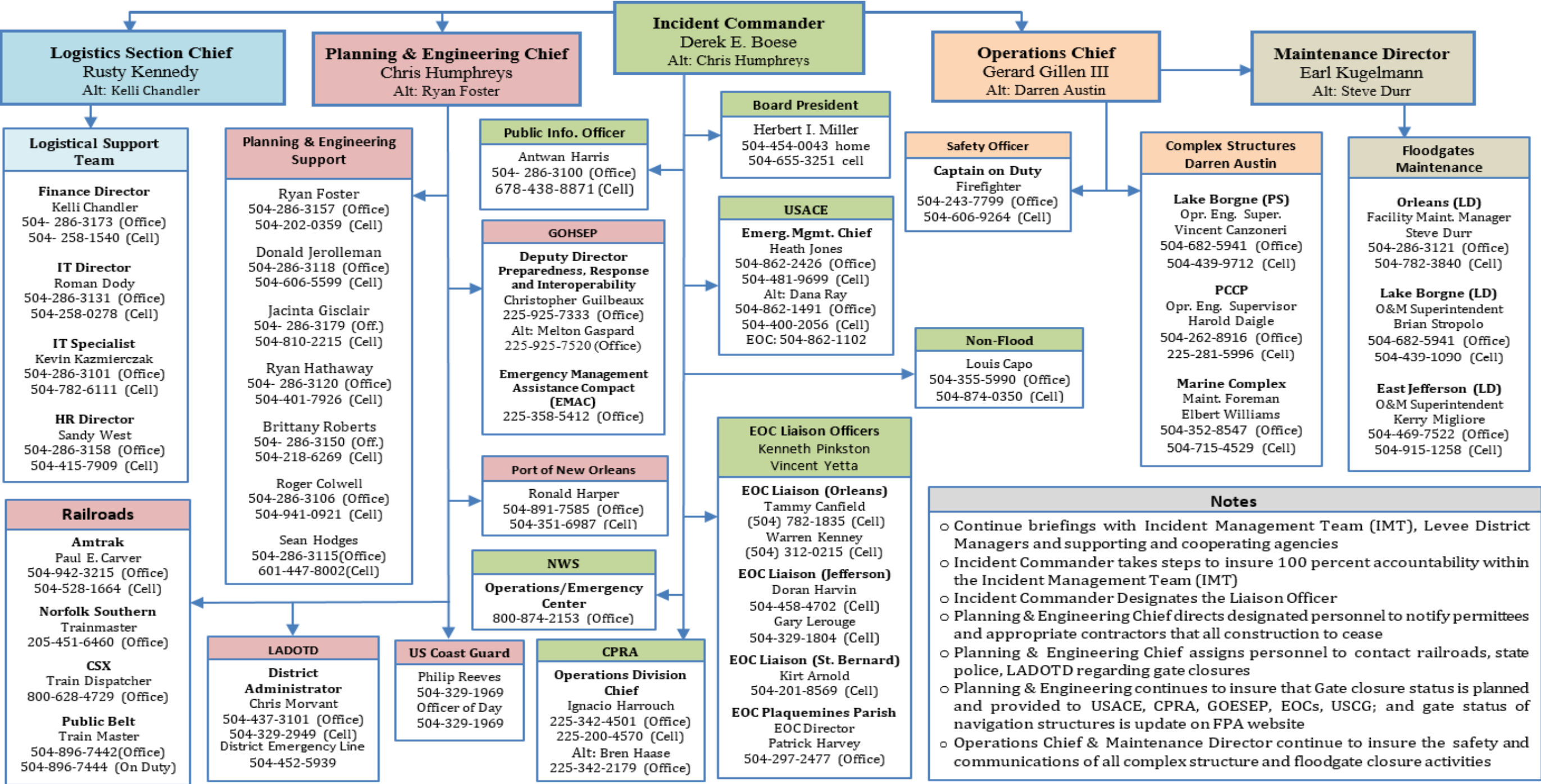
8.1 HURRICANE INCIDENT NOTIFICATIONS (LEVEL 3)





8.2 Level 2

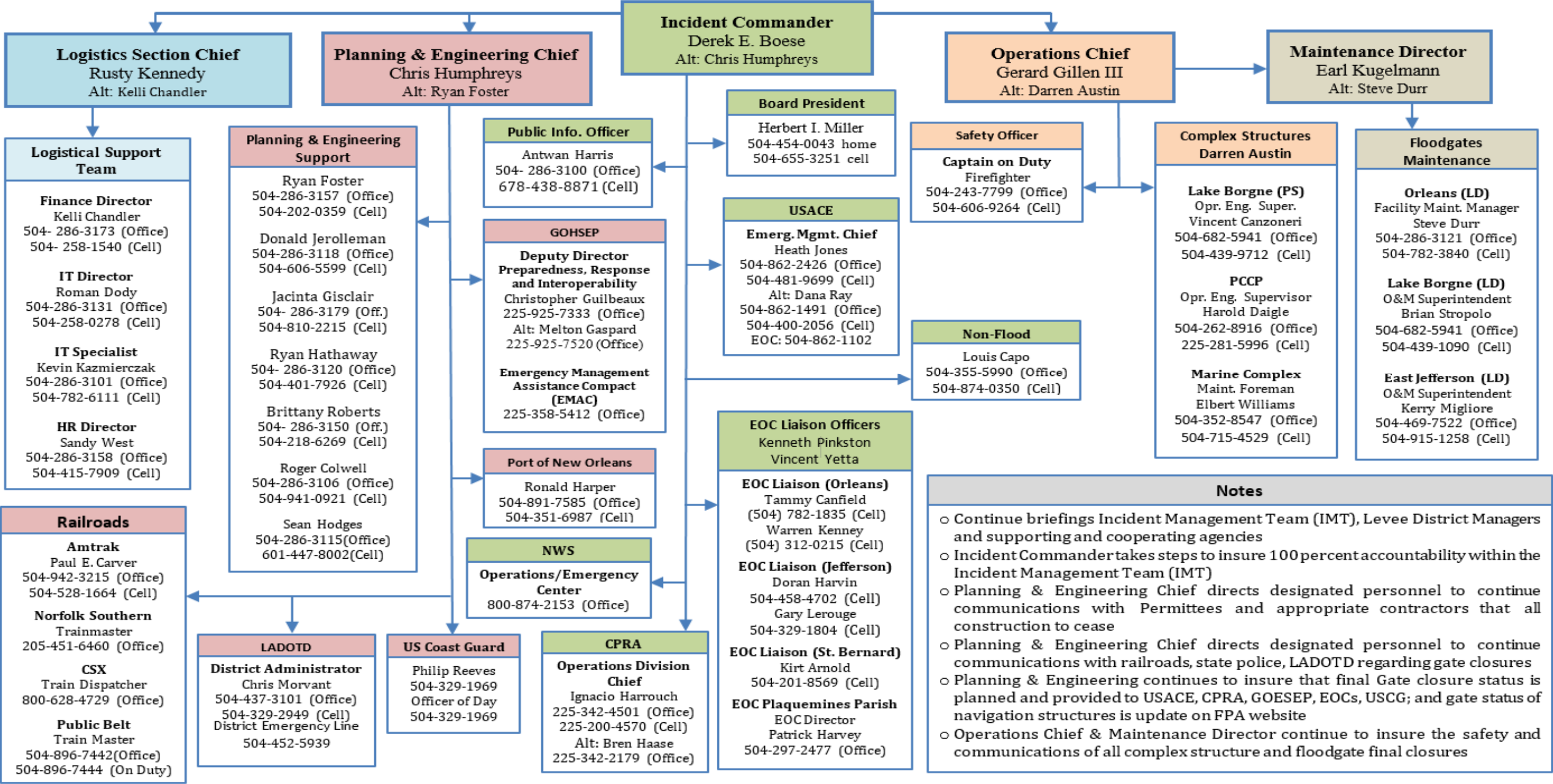
8.2 HURRICANE INCIDENT NOTIFICATIONS (LEVEL 2)





8.3 Level 1

8.3 HURRICANE INCIDENT NOTIFICATIONS (LEVEL 1)



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Incident Command Succession List

Incident Commander			
		Chief Administrative Officer	Derek Boese
	Succession next in line	Director of Engineering	Chris Humphreys
	Succession second in line	Director of Operations	Gerry Gillen
Logistics Section Chief			
		Deputy Chief Administration Officer	Rusty Kennedy
	Succession next in line	Finance Director	Kelli Chandler
	Succession second in line	Procurement Specialist	Chris Lucas
Planning and Engineering Chief			
		Director of Engineering	Chris Humphreys
	Succession next in line	Engineer 8 (Detailed)	Ryan Foster
	Succession second in line	Engineer 6	Donald Jerolleman
Operations Chief			
		Director of Operations	Gerry Gillen
	Succession next in line	Engineer 6	Darren Austin
	Succession second in line	Engineer 5	Harold Daigle
Maintenance Chief			
		Director of Maintenance	Earl Kugelmann
	Succession next in line	Facility Maintenance Manager A	Steve Durr
	Succession second in line	District O&M Superintendent	Brian Stropolo

8.4 Incident Commander (IC) is responsible for:

- A. Ensuring clear authority and knowledge of agency policy and systems
 - 1. Assuming command for emergency operations related to flood control infrastructure
 - 2. Transferring command to another IC, if necessary
 - 3. Deferring command to another, more appropriate agency, depending on the circumstance
- B. Ensuring incident safety
 - 1. Establishing and Activating an Emergency Operations Center (EOC)
 - 2. Determining the level of EOC activation
- C. Assessing the situation and taking action to protect life and property
 - 1. Establishing immediate priorities
 - 2. Determining incident objectives and strategy(ies) to be followed
 - 3. Establishing the level of IMT organization needed
 - 4. Coordinating the activities of staff
 - 5. Managing planning meeting and operational briefings
 - 6. Approving and implementing the IAP.
 - 7. Approving requests for additional resources or the release of resources.
 - 8. Approving the use of volunteer, students, and auxiliary personnel.
 - 9. Authorizing the release of information to the media.
 - 10. Demobilization of the incident that includes:
 - a. Advising the Executive Offices to return the Agency to its normal operating structure.
 - b. Ensuring incident After-Action Reports are complete.
 - c. Ensuring all incident related documents are properly filed.
- D. PIO is responsible for:
 - 1. The PIO will speak on behalf of the FPA and FPA Police. No other FPA will speak with members of the media without express consent of the CAO or PFA Superintendent of Police
 - 2. Interfacing with the public, media and/or other agencies with incident-related information requirements

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3. Developing accurate and complete information on the incident's cause, size and current situation, resources committed, and other matters of general interest for both internal and external consumption
 4. Monitoring media broadcasts about the incident and addressing any inaccuracies
 5. Preparing press releases and obtaining the IC's approval
 6. Coordinating meetings between the media and incident personnel
 7. Attending planning meetings
 8. Escorting the media and others
 9. Maintaining a Unit Log and submitting it to the Planning Section as required (ICS form 214)
 10. Other duties as assigned by the IC
- E. EOC Liaison Officers are responsible for:
1. Representing the Agency by a physical presence at the appropriate Parish EOC.
 2. Coordinating with a Liaison Officer at the SLFPA-E's EOC.
 3. Coordinating requests and pertinent information from the Parish EOC to the SLFPA-E's EOC and vice versa.
 4. Maintaining status on requests.
 5. Attending planning meetings and briefings held at the Parish EOC and providing Agency status reports.
 6. Maintaining a Unit Log and submitting it to the Planning Section as required (ICS Form 214).
 7. Other duties as assigned by the Incident Commander.
- F. Liaison Officer is responsible for:
1. Coordinating with other governmental agencies, non-governmental organizations, and/or private entities on points of contact, locations, complaints and requests
 2. Coordinating with EOC Liaison Officers located at the Parish EOCs;
 3. Attending planning meetings; Maintaining a Unit Log and submitting it to the Planning Section as required (ICS Form 214).
 4. Other duties as assigned by the IC.
- G. Police – See Appendix 5
- H. Operations Chief is responsible for:

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1. Managing all tactical incident operations in accordance with the IAP, while ensuring safety of emergency responders.
 2. Reporting any accidents that occur to the Incident Commander and Safety Officer.
 3. Maintaining the span of control within the operations group.
 4. Assisting in the development of the IAP. This usually requires filling out ICS Form 215 prior to the Planning Meeting.
 5. Establishing and managing staging areas if required.
 6. Attending planning meetings and providing situational status updates.
 7. Monitoring the effective use of resources and requesting additional resources as required.
 8. Approving the release of resources from active assignments (not from the incident).
 9. Making or approving expedient changes to the IAP as needed to meet the objectives of the IAP. This is done while maintaining close communication with the IC.
 10. Other duties as assigned by the IC.
 11. Maintaining Unit Logs and submitting them to the Planning Section as required (ICS Form 214).
- I. Safety Officer is responsible for:
1. Monitoring incident operations and advising the IC on matters relating to operational safety, including the health and safety of emergency responders.
 2. Developing a system and set of procedures to ensure the ongoing assessment of hazardous environments, promote emergency responder safety and general safety of incident operations.
 3. Investigating accidents that occur within the Incident Area, determining the cause of the accident, and providing methods to prevent the accident from recurring while still enabling the IAP execution.
 4. Attending planning meetings.
 5. Approving the medical plan.
 6. Maintaining a Unit Log and submitting it to the Planning Section as required (ICS Form 214).
- J. Maintenance Director is responsible for:
1. Coordinate closure schedule with Planning Section
 2. Coordinating field crews and police escorts to close floodgates and valves.

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K. Planning and Engineering Chief is responsible for:

1. Providing planning services for the Incident Management Team.
 - a. Collecting situational and resource status.
 - b. Evaluating status.
 - c. Providing situational analysis at planning meetings for use in the development of the IAP.
 - d. Assembling information on alternative strategies and contingency plans.
 - e. Compiling and displaying incident status information and Sitreps.
 - f. Incorporating Medical, Communications, and other supporting material into the IAP.
 - g. Facilitating planning meetings.
 - h. Supervising the preparation of the IAP.
 - i. Chronicling the incident sequence of events.
 - j. Documenting decisions at the Command level.
 - k. Coordinate the plan and schedule to close floodgates, valves, and barriers.
- l. Stand up and manage the Planning and Engineering Support Team
 - i. Other duties as assigned by the IC.
 - ii. Maintaining a Unit Log as required (ICS Form 214).

L. Logistics Section Chief is responsible for:

M. Finance Director is responsible for:

1. Managing all financial aspects of the incident
 - a. Timekeeping.
 - b. Tracking expenses and calculating cost.
 - c. Cash/Credit management.
 - d. Payroll for Agency employees.
 - e. Obtain reimbursement(s) as appropriate.
2. Attending planning meetings
 - a. Participating in the development of the Incident Action Plan

- b. Providing status of requests at planning meetings.
 - c. Ensuring the Incident Communications Plan is prepared.
- 3. Stand up and manage the Logistics Support Team when required
 - a. Monitoring requests for support and ensuring they are being addressed.
 - b. Ensuring proper procurement procedures are followed by the Logistics Support Team
 - c. Resolving problems within the Logistics Support Team
 - d. Ensuring the general welfare and safety of Logistics Support Team personnel.
 - e. Releasing Logistics Support Team personnel in conjunction with the IAP.
 - i. Other duties as assigned by the IC.
 - ii. Maintaining Unit Logs and submitting them to the Planning Section as required (ICS Form 214).
- 4. Information Technology references - See appendix 1
- 5. Human Resources references - See appendix 1

8.5 Key Back-up Personnel

- A. Engineers and Engineer Techs – responsible for ensuring their branch is executing assigned tasks in support of the IAP, while ensuring the safety of personnel assigned to their branch. Also, for maintaining Unit Logs on ICS Form 214 and submitting them to the OSC.

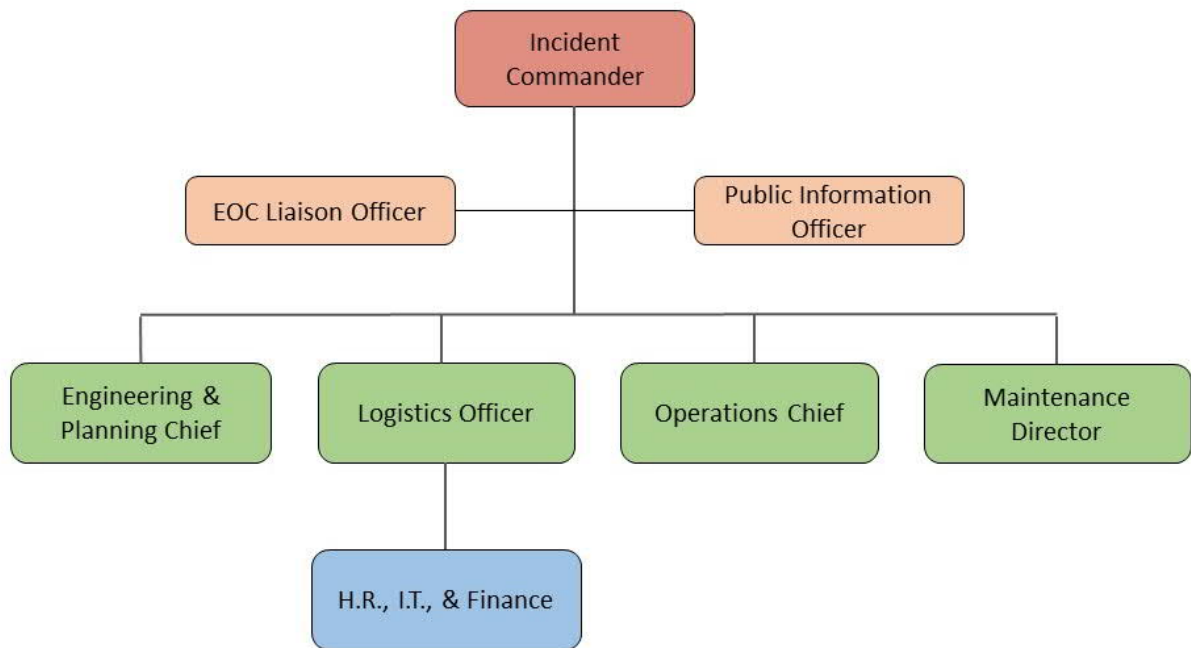


Figure 6 – Typical Incident Command Structure

APPENDICES

APPENDIX 1

Emergency Operations Plan



APPENDIX 1: Operations Plan

1.1 General

A. Purpose and Scope

The purpose and scope of this plan is to further define and outline specific tasks, procedures and operations to be followed prior, during and after a disaster or emergency situation. All details provided in this Emergency Operations Plan are subject to and consistent with the Plan Purpose, Goals and Objectives, Concept of Operations, Roles and Responsibilities of the Southeast Louisiana Flood Protection Authority – East Comprehensive Emergency Management Plan.

1.2 Emergency Action Level 4 - Pre-Hurricane Season

A. Chief Administrative officer (CAO): The SLFPA-E CAO will manage the SLFPAE departments to meet the conditions of this alert stage and fulfill the overall mission of the Flood Protection Authority.

1. Prior to the beginning of Hurricane Season (June 1) each year, he will hold conferences and / or briefing sessions with Directors and senior supervisors to review readiness and preparation for Hurricane Season.
2. He will also see that this manual and the SLFPA-E Comprehensive Emergency Management Plan are reviewed and updated prior to the commencement of Hurricane Season.
3. Ensure staff reviews the CEMP in order to perform duties as required.

B. Deputy Chief Administrative Officer (DCAO): The SLFPA-E Deputy CAO will:

1. Ensure all District Insurance Policies, including flood insurance policies, are current and copies of said policies and photos of property are in a safe place off location.
2. Ensure all contractors' Certificates of Insurance are current and notify Director of Engineering of their non-compliance.
3. Coordinate review safety issues and medical treatment locations for work related injuries and substance abuse testing in accordance with the District's "When a Work Place Injury Occurs".
4. Provide personnel as required to perform duties as assigned by the Director of Engineering.

C. Engineering and Operations Department Directors: The Director of Engineering and Director of Operations will:

1. Ensure that the members of the Engineering/Operations Departments are aware of their roles during this alert level as well as Emergency Alert Levels 3, 2

and 1.

2. Assign Emergency Operations Center personnel as necessary to perform the required tasks.
 3. Direct quarterly inspections of the levees and flood control facilities to ensure the integrity of the system. Any degradation of the system or discrepancies will be reported to the Director of Engineering.
 4. Conduct an annual joint inspection of the hurricane levee system with the USACE, Louisiana Coastal Protection and Restoration Authority and the New Orleans Office of Emergency Preparedness as scheduled.
 5. Conduct a joint inspection of the Mississippi River system with the same parties as scheduled.
 6. Conduct training within the Engineering and Operations Departments and throughout the Flood Protection Authority (FPA) to maintain a high state of readiness during all EALs. Participate in training exercises with other agencies including the annual river flood fight exercise with the USACE usually held in October. Supervise the training of the FPA Engineering, Operations, Maintenance and Police Departments relative to roles, responsibilities and tasks to be performed during all EAL's as well as MRL flood fighting activities.
 7. Maintain and Oversee operations of the FPA radio communications network, LIMS, and all electronics, meteorological and data recording equipment serving the Emergency Operations Center, and monitor daily the National Weather Service satellite feed. Direct that frequent checks be made of the equipment.
 8. Monitor computer and field tide gauge reporting system to detect and act upon any condition that could cause flooding.
 9. Maintain a current emergency contact roster of all assisting outside agencies and stakeholder organizations to be included in the SLFPA-E CEMP. (See Appendix 7)
- D. Orleans Levee District and East Jefferson Levee District Police:
1. Complete polder security checklist as schedule dictate
 2. Familiarize all police personnel with the flood protection system, including routes to all levees, location of floodgates and drain valves. Coordinate training of Orleans levee and East Jefferson Levee police officers in operation of floodgates and valves, with and under the direction of the Chief Administrative Officer.
 3. Maintain current inventory of emergency equipment such as barricades and lights, foul weather clothing.
 4. Monitor and record staff gauge / tide gauge readings per the Director of Engineering directive.

E. Finance/Purchasing: The Purchasing Department will:

1. Submit to the SLFPA-E CAO lists of emergency supplies and equipment approved by Department Directors, which are to be maintained. The lists will be reviewed monthly during the Hurricane season and should indicate other seasonal requirements if applicable. It is incumbent on all department heads and/or supervisors to check rain gear needs and other issued equipment periodically and especially prior to an emergency.
2. Maintain a list of food services available upon implementation of Alert Status.

F. Human Resources Department

1. The Human Resources Director will update a cell phone listing of employees and be advised by each staff member of their evacuation place, telephone contact numbers, and alternate email addresses.
2. In the event of a major storm/disaster, employees who evacuate must advise the Human Resources Department of the number the Agency can reach employee. The Human Resources Department phone number in the event of an evacuation from the New Orleans area is (504) 286-3100 or utilizing their website www.floodauthority.org.
3. A name and phone number of a SLFPA-E contact person will be posted on the Department of State Civil Service website.
 - a. Will also ensure that the Human Resources Liaison and one other staff member be available for work coverage at all times to perform duties as assigned by the Deputy CAO as Logistics Chief.
 - b. Shall assist and advise SLFPA-E CAO as required.

G. Information Technology: The Information Technology Manager will:

1. Oversee the operation of the Flood Protection Authority's servers, computers, cameras, networking equipment, and phone system, performing frequent checks to maintain operational readiness.
2. Perform weekly checks to ensure the integrity of data backups to the Flood Protection Authority's co-location facility (TBD).
3. Ensure that the 'Network Information Guide & Resource Manual' is reviewed and updated prior to Hurricane Season.
4. Check the status of server backup batteries, SAN drives, and loaner laptops prior to Hurricane Season.
5. Notify the Director of Engineering and Director of Operations or his designated assistant upon indication of conditions that might threaten normal daily operations or create loss of data integrity.

6. Check communication and monitors in EOC.
7. Shall assist and advise SLFPA-E CAO as required

1.3 Non-Hurricane High Tide Alert

The Bayou Bienvenue Sector Gate (BBSG) and Bayou Dupre Sector Gate (BDSG) are closed periodically for non-tropical high tide events. The first tide gage readings are usually obtained from the gage at Eddie's Pinto Marina located at 2651 Paris Road just south of the Paris Road Bridge over the GIWW. Gage readings are also monitored on the outside and inside of both the Bayou Bienvenue Sector Gate and the Bayou Dupre Sector Gate.

When tide, rain or winds indicate that the tide at Eddie's will reach +0.9 in the near future, the High Tide Incident Command Center (HTICC) is activated and the coordinator on duty will start round-the-clock monitoring of tide levels at Eddie's, the Paris Road Bridge, BBSG and the BDSG, coordinating with the HTICC Coordinator / Director of Engineering / Director of Operations. At this time, the HTICC Coordinator will set up rotations for Flood Protection Authority staff for full-time monitoring at BBSG, BDSG, at the HTICC Franklin Ave. Warehouse, and contact all affected personnel to confirm availability and arrange for alternates as needed.

When conditions appear to forecast a reading at Eddie's of +1.0 or higher in the near future, the BBSG is closed. An on line notice and a phone message are updated to inform the public of information about the closures – when the gate will be closed, when temporary openings may take place, etc. The HTICC is activated and Flood Protection Authority personnel are at BBSG monitoring tidal levels inside and outside of the BBSG – temporary openings are only possible when the difference between the outside reading and the inside reading is less than 0.5 feet to prevent possible sector gate damage. Periodic readings are taken at Eddie's. All readings documented by Flood Protection Authority personnel are maintained in the HTICC.

When conditions such as tide, rain or winds indicate that the water level at Eddie's will fall below +0.9 and stay below +0.9 for some time, the BBSG can be opened full time. The on line notice and the phone message are updated to reflect the opening and Flood Protection Authority personnel stand down from the HTICC and the BBSG.

1. ICC Managers, Coordinators, Office Personnel, Field Gate Crews and Police shall refer to the High Tide Incident Command Center Personnel Policy and to the Bayou Bienvenue High Tide Operations Procedure manual for roles, responsibilities and operations.
2. Engineering / Operations: The Director of Engineering and Director of Operations shall verify that qualified HTICC Coordinators and staff are assigned at all times and will assist the HTICC Coordinators and staff on duty with decisions regarding the opening and closing of the BBSG and BDSG consistent with the situation at the time.
3. High Tide Incident Command Center (HTICC): The HTICC Coordinator receiving the High Tide Alert will alert the Orleans Levee police officer back up who will:
 - a. Dispatch staff personnel to assess the situation.

- b. Notify Engineering, Operations and Maintenance of the emergency and its location.
 - c. Visual staff gauge readings will be taken as the situation warrants.
4. The HTICC Coordinator shall:
- a. Be apprised of the alert and decide on the estimated number of gate crews that will be required to respond to the situation as determined by the Incident Commander or Director of Operations.
 - b. Assign the Floodgate Foreman or other Supervisor to coordinate gate closings with the HTICC.
 - c. Assign the crews to their gates and log all closings and openings as they occur, keeping the updated-on gate status.
 - d. Review and implement Bayou Bienvenue and Bayou Dupre Emergency Operations Policy Procedures.
5. The HTICC Coordinator shall:
- a. Monitor satellite weather reports, tide gauge readings, coordinate gate closings with affected parties and other duties as assigned by the supervisor.
 - b. Direct floodgate assignments.
 - c. Review USACE criteria for closing the Bayou Bienvenue Sector Gate and bayou Dupre Sector Gate.
 - d. Rely on assistance from the Floodgate Foreman or other Supervisor designated by the Operations and Maintenance Director to coordinate gate closings.
 - e. Notify the Field about gates that are cleared to be closed.
 - f. Notify the Orleans Levee Police Department if an officer is required at the Bayou Bienvenue Control Structure.
6. The HTICC Assistant Coordinator shall:
- a. Help monitor readings, log in gate closings, and check gauges in field or other conditions as directed and other duties as assigned by coordinator.
7. Orleans Levee Police: As a backup, the Orleans Levee Police will monitor the tide level at key staff gauges in the Field every two hours. All observations are to be logged in on Enclosure B-2 as they occur. When a reading at any station is above that established by the Director of Engineering or the Director of Operations, the dispatcher will call the HTICC Coordinator or Director of Engineering or the Director of Operations - in that order. During a closure of Bayou Bienvenue, one Orleans Police Officer shall be stationed at the structure

to provide security for the structure and Orleans personnel.

8. Finance Department: The FPA regional finance Director will create Function and Work Order codes for the current storm as requested by the Director of Engineering in order to track all EMR costs to the identified storm.
9. All Other Departments: Such action as the situation may require as determined by the Director of Engineering or Director of Operations.

1.4 Emergency Action Level 3 - Hurricane Season

- A. Chief Administrative officer (CAO): The SLFPA-E CAO will assume the role of Incident Commander and will:
 1. Confer with the President, Deputy CAO, and/or Director of Engineering before declaring a Level 3 Alert and inform all departments.
 2. Confer with the Directors of Engineering, Operations and Maintenance to assess the situation, direct initial actions and preparation for emergency action and to schedule next situational updates.
- B. Engineering Department: Will provide overall supervision and coordination
 1. The Director of Engineering will:
 - a. Oversee Continuous monitoring of weather and storm surge predictions and inform Maintenance Director of potential floodgate closure schedules as information is received.
 - b. Monitor tide level data system increasing recording intervals as required.
 - c. Alert all EOC personnel that the EOC may be activated shortly and having EOC equipment checked operationally.
 - d. Direct staff to have all vehicles fueled.
- C. Operations Department and Maintenance Department: The Director of Operations and the Director of Maintenance shall be responsible for maintaining daily activity roster noting work areas and activity performed. They shall also verify that work order and payroll records indicate personnel, equipment and material used in each activity as well as any contract equipment or personnel used in any such activity. They shall also;
 - a. Contact USACE on preparation of outfall canal closures and complex structures.
 - b. Review USACE criteria for closing Bayou Bienvenue Control Structure
 - c. Initiate and re-check of all Flood Protection Authority facilities who may need storm covers, generators, and sandbags ensuring availability of materials.
 - d. Perform operational check of all required rolling stock to ensuring readiness.

- D. Administration: The SLFPA-E Administration Deputy CAO will:
 - a. Reconfirm insurance status on all tenants.
 - b. Reconfirm stability of offsite location of Flood Protection Authority insurance policies and photos with Chief Administrative Officer and/or Director of Engineering.
 - c. Reconfirm Accident/Incident Reporting Policy/Procedure Information.
 - d. Make non-essential personnel aware of future work hours or emergency leave.
- E. Finance: The Regional Director of Finance will:
 - a. Create storm function code and storm work order code as requested by CAO for EOC Manager, Director of Engineering, Director of Operations, or Director of Maintenance
 - b. Arrange for cash to be on hand for emergency purchases; such amount to be determined by CAO and/or Director of Engineering; and
 - c. Initiate emergency procedures for payment of payroll and vendors.
- F. Purchasing Department: The Procurement Officer will:
 - a. Confirm sources of supply meals.
- G. All Other Departments: All other departments maintain normal alert unless otherwise directed.

1.5 Emergency Action Level 2 - Hurricane Season

- A. Chief Administrative Officer as Incident commander shall:
 - a. Activate the EOC and full CEMP
 - b. Draft a memo documenting EOC Activation noting date and time.
 - c. Notify Board President of EOC Activation
 - d. Direct all departments to review personnel assignments to ensure they are current, and that personnel involved are available and informed.
- B. Engineering: The Director of Engineering will:
 - 1. Continue plotting of hurricane path and monitor closely the tide and storm surge data
 - 2. Order the closure of floodgates based upon arrival of gale force winds or review of gate closure status concerning the following:
 - a. Adjacent gates.
 - b. Gates generally kept closed.

- c. Gates that can be closed without causing inconvenience to anyone.
 - d. Gates which should be closed as late as feasibly and as safe as possible
 - e. Consideration of radius of gale force winds and forward speed of storm.
 - f. Determination of gate closures to be made on storm's effect on existing Mississippi River water elevation and predicted river surge.
 - g. Contact USACE on preparation of outfall canal closures and complex structures.
 - h. Contact U.S. Coast Guard regarding activating the EOC, status of both floodgates (hurricane and river) closures, floodgates affecting bridge tenders and resulting bridge closure to marine traffic including Port Bridges and Seabrook Bridge.
- C. Operations and Maintenance: The Maintenance Director will:
- 1. Establish four gate crews, initiate additional gate checks for operational capability, remove traffic barriers, secure gates scheduled for advanced closing.
 - 2. Initiate check of all gravity drains through levees, closing all valves on lines that can be plugged in advance and insuring accessibility of all others.
 - 3. Order installation of storm protective covers.
 - 4. Review possibility of closing Bayou Bienvenue Control Structure in accordance with operations and maintenance manual.
 - 5. Install storm protective covers.
 - 6. Deploy emergency electrical power units and set-up for future operation.
 - 7. Deploy sandbags to Municipalities and other public agencies at direction of Director of Engineering.
 - 8. Begin deployment of sandbags for gap closures.
- D. Purchasing Department: The SLFPA-E CAO/Purchasing Liaison will make preparations to procure and deliver meals in coordination with the Director of Engineering, Director of Operations, and Director of Maintenance.
- E. All Departments: All department supervisors will cancel all leaves until further notice.
- F. SLFPA-E Police Departments: Prepare to enact resources as necessary to ensure security of personnel and gate closures, establish 12-hour emergency duty roster.
- G. Flood Protection Authority Representative: The City of New Orleans will begin to staff its Emergency Operations Center during this period. The FPA EOC Liaison Officer may be assigned to the City's EOC at this time.

1.6 Emergency Action Level 1 - Hurricane Season

A. The Chief Administrative Officer as Incident Commander continues

1. Overall supervision.
2. Direct all assigned personnel to proceed to watch stations at supporting agencies.
3. Authorize Press Releases on status of preparedness of Flood Protection Authority – East.
4. Direct Logistics to set 24-hour switchboard watch.
5. Ensure all Directors have cancelled all leaves and recalled personnel who are out of area for other reasons.
6. Time permitting, confer with the President and will declare a Level 1 Alert, and inform all Board personnel of the condition.

B. Engineering: The Director of Engineering will:

1. Continue to monitor weather, tide and storm surge data
2. Order closing of floodgates and flood valves based upon previously determined schedule

C. Operations Director will:

1. Contact USACE on outfall canal closures and complex structure closures.
2. Notify Coast Guard of closure action call Dist. Bridge. Adm. at 671-2128, Cell No. (618) 225-7727 or District Operations Center at 589-6225.
3. Order marine closure of the Surge Barrier Sector Gate and Seabrook Sector Gate in accordance with the Water Control Plans
4. Prepare Press Releases as required by Incident commander

D. Maintenance: The Maintenance Director will:

1. Coordinate moving sandbag supplies as required to installation locations, post a guard and await further instructions.
2. Ensure availability of personnel to complete gate-closing schedule when so instructed.
3. Complete installation of storm protective covers at locations not previously completed.
4. Set up rest and mess facilities. Be prepared to serve Orleans personnel in the field as required.
5. Coordinate closure of Lakeshore Drive as required with SLFPA-E Police Departments.

- E. SLFPA-E Police Departments: The Chief of SLFPA-E Police Departments will:
1. Check all emergency equipment and draw additional equipment as necessary for supply.
 2. Upon receipt of one radio and charger from Operations and Maintenance, deliver and receive receipt for same to USACE, foot of Prytania Street, EOC Operations Division, Room 292. Inform EOC when delivery is completed.
 3. Deliver one police radio with N.O.P.D. channel to Flood Protection Authority – East EOC.
 4. Assign personnel to Bayou Bienvenue.
 5. Respond to request by Chief Administrative Officer (CAO) for SLFPA-E police department's assistance of Operations and Maintenance departments, with sandbagging, and with the closing of floodgates and valves.
 6. Coordinate closure of Lakeshore Drive as required with Operations and Maintenance Department.
 7. Establish their 24-hour emergency duty roster.
 8. Establish Police Accountability Board.
 9. Shall make inspections of gates that have been closed to ensure flood protection integrity. Inspections shall continue until weather conditions make it unsafe.
 10. Secure and patrol Franklin Facility.
- F. Purchasing Department: The Purchasing agent will:
1. Prepare for 24-hour operations in both purchasing and supply.
 2. Order meals or food for preparation as previously planned.
- G. Information Technology Department: The Information Technology Director will:
1. Perform a final check of the failover SQL Server (RAPP) and restore the most current backup of the APP2 server databases to it.
 2. Notify department heads to back up all personal computer data and software in preparation for possible off-site use.
 3. Prepare for staffing of the safe house, coordinating with incoming agencies to provide working space, network access, phones, and other equipment as needed.
 4. Ensure the correct operation of the safe house A/V system, Weather Information Websites (Stormpulse, etc.), HDTV sources (Cox Cable and OTA HD Antenna), cameras, and the Emergency Broadband Internet Router.
 5. Provide backup & relief to the SLFPA-E GIS Manager on the LIMS software as

needed.

6. Access the Earthlink portal to forward to the Franklin Avenue facilities main phone number as necessary.
7. Distribute Laptops and other equipment to Flood Protection Authority Employees for the off-site processing of Payroll and other needs.
8. Provide Tech support for personnel involved in Emergency Operations.
9. Shall assist and advise the CAO as required.

H. Administration: The Deputy CAO will:

1. Coordinate all medical treatment for work-related injuries and substance abuse testing in accordance with the District's Accident/Incident Reporting Policy/Procedure and Substance Abuse Policy. Shall assist and advise the CAO as required.
2. All activities must be completed prior to the actual passage of the hurricane force winds so that all personnel can take safe shelter. During passage of the hurricane, plans will be made to cope with reported emergencies. Note: If the eye of the storm passes over New Orleans, there will be a lull in the storm's intensity. This must not be mistaken for storm passage. Personnel must remain in shelter.

1.7 Hurricane Recovery

After the hurricane has passed and winds have subsided sufficiently to permit travel, action will be taken as follows:

A. Engineering: The Director of Engineering will:

1. Direct a complete check of the entire flood protection system, assess damage and determine action, if necessary, to be taken to regain levee integrity. Damage situation will be reported on a current basis to the EOC. Notify City's EOC, State's EOC, and USACE's EOC, of any damages.
2. Maintain floodgates in the closed position until notified to open them by the Director of Engineering.
3. Begin an environmental damage assessment and take whatever action is necessary to address storm induced environmental problems.
4. Open Bayou Bienvenue Control Structure in accordance with manual.
5. Organize to repair damage to levee system and other Flood Protection Authority properties.
6. Review FEMA Federal Disaster Assistance Program, Handbook for Applicants and accomplish the following minimums:
 - a. Notify State of Louisiana Governor's Office of Homeland Security and Office of Coastal Restoration and Restoration, Baton Rouge.

- b. Compile extent and estimated cost of all damages sustained by the Board and complete Disaster Documentation Report, LDA Form 2. Report shall cover damages only to facilities under District jurisdiction. Report must be coordinated with the local State of Louisiana Civil Defense official.
 - c. Direct Flood Protection Authority levee inspectors to obtain necessary photographs of damages to assist in documentation verification for any Federal financial assistance applications.
 - d. Determine best repair procedure in light of possible available public assistance.
 - e. Notify Non-Flood Division of Lakeshore Drive conditions. Direct Operations Dept. and Maintenance Dept. to begin cleanup of Lakeshore Drive, as required.
 - f. Prepare equipment, materials and supply status.
 - g. Direct Survey Crew to survey debris lines and other storm related information.
 - h. Contact USACE on outfall canal closure status.
 - i. Prepare food and water status with Purchasing Department.
 - j. Contact U. S. Coast Guard on Seabrook Bridge operating status and other Port bridge tenders' access.
- B. All Departments: Supervisors of all departments having property responsibilities will:
- 1. Make immediate damage survey of their areas and report damage to the Emergency Operations Center. Provide copies of surveys to Engineering and Auxiliary Service's Departments.
 - 2. Start clean up or repair actions with their own personnel, reporting this capability as well as additional assistance required to the EOC.
 - 3. Provide personnel for other duties as directed by the Chief Administrative Officer.
- C. SLFPA-E Police Departments: The Chief of SLFPA-E Police Departments will:
- 1. Provide escort and/or rescue service as needed.
 - 2. Provide any and all assistance to the Director of Engineering relative to the flood protection system.
 - 3. Monitor closure of Lakeshore Drive until opened to traffic.
 - 4. Shall assist and advise CAO as required.
- D. Administration: The Deputy CAO will:
- 1. Inspect claims of property damage. Review damage surveys from facility

managers for appropriate Flood Protection Authority insurance coverage action.

2. Shall coordinate all claims of property damage with the insurance company.
 3. 3. Insurance claims: All claims of damage to Flood Protection Authority property caused by the event (wind-water) covered by insurance shall be reported to the Auxiliary Services Department.
 4. Photography/Videos of property damage should be taken by respective Department Staff, Engineering Department or Risk Manager as soon as possible after the event is over and if it is safe to do so.
 5. Estimates of damage should be arranged as soon as possible. Three estimates are required for each category of damage.
 6. Provide normal functions of Auxiliary Services Department.
 7. Shall assist and advise CAO as required.
- E. Finance Department: Keep record of all expenditures by function (EMR), activity code (Payroll Charge IDs), Equipment and Work Order Code for the storm and recovery periods. Shall assist and advise CAO as required.
- F. Information Technology: The Information Technology Manager will:
1. Ensure that SQL Databases used during the storm is restored to the APP2 server.
 2. Gather all equipment borrowed during Safehouse operations, as well as Laptops distributed to Flood Authority employees, and place them back into inventory
 3. Help move any data created by employees while in remote locations back to the Flood Authority network.
 4. Shall assist and advise CAO as required.

1.8 High River Alert

A. General

Snow, rain and an early thaw are conditions that singularly or together could cause elevations above 15.0 NGVD, at the Carrollton Gauge, which is above normal, or predictions above 17.0 NGVD, which would constitute a major flood threat. As opposed to a tropical disturbance, sufficient advance planning is usually available to combat a high river crest except in the event of a bank or levee failure, which could happen unpredictably. Because the USACE is so intimately involved in the Mississippi River levee protection system, the Flood Protection Authority - East emergency conditions are related closely to theirs insofar as timing and degree of emergency is concerned. It should be kept in mind that when the Carrollton Gauge is at El. +15.0' the river level at Jackson Barracks (St. Bernard Parish) will be approximately 1.5' lower or El. 13.5'.

Following is a description of the various stages of alert and the departmental responsibilities.

B. MR EAL 3:

1. Start monitoring river when Carrollton Gauge is at Elev. 11.0' and rising. When the Carrollton Gauge is at Elev. 11.0' and rising, with no crest in site, the Flood Protection Authority, departments are affected as follows:
2. Engineering: The Director of Engineering will:
 - a. Notify and activate High River Inspection Team:
 - b. Assure that the FPA Levee Inspectors will be responsible for maintaining levee patrols during normal hours at least every other day. They shall contact their USACE counterparts and maintain liaison with them. A daily report shall be maintained noting any areas of concern such as erosion, animal burrows, seepage etc. as well as activities, i.e., meetings, sandbagging, etc. The FPA Levee Inspector shall visit construction areas potentially affecting levee integrity to determine whether a levee safety permit has been issued for any subsurface activity within 1500 feet of the levee or floodwall. If no permit has been issued the contractor will be advised to backfill all excavations immediately and cease work until a permit with a waiver to work when the river is above elevation 11.0 at the Carrollton Gauge.
 - c. Direct the Engineer supervising FPA Inspectors to continue monitoring the river stage reports and predictions from the US Army Corps of Engineers (USACE) and National Weather Service (NWS) and prepare reports of FPA River Inspections. Once River Inspection Reports are approved by the Director of Engineering, the Supervising Engineer will upload and transmit the reports to the USACE EOC and the CPRA. Regular communication with the USACE EOC will be maintained throughout the High River Event.
 - d. Monitor river levees' bank/batture areas for any barges or vessels, tied to or resting on levee slopes and revetments. Notify Orleans Levee Police or U. S. Coast Guard for any violations. No barges or vessels allowed to rest or tie to any natural vegetation along the bank/batture area.
 - e. Check sites along the east bank of river, maintain updates, and monitor foreshore protection on east bank of river.
 - f. Review current Permits for work limited by River Stages and monitor progress.
3. Maintenance: The Maintenance Director will:
 - a. Develop and maintain a minimum stockpile of 15,000 filled sandbags (40# + each) for deployment or use as needed.
 - b. Increase surveillance every other day of river structures notifying the levee inspectors and check operation obstructions of floodgates and valves (See Appendix 6 – Floodgate & Flood Valve Listing).
 - c. Establish a personnel availability list to operate structures for nights, weekends and

holidays. List shall be given to the Director of Engineering and Levee Inspection Supervising Engineer or use in the event of an emergency.

d. Initiate vehicle and equipment operational check.

4. Orleans and East Jefferson Levee District Police Departments: The Chief of Levee Police will:

a. Assign required duties to police personnel with river levee system, reading of staff river gauges, routes to all levee sections, reporting procedures, and things to look for when making inspections.

b. Police Officer checks the river levee and does river stage report per shift.

c. Shall assist and advise CAO as required.

5. Finance Department: The Director of Finance will:

a. Create function code and update distribution codes and payroll charge IDs for the current event as requested by Director of Engineering.

b. Shall assist and advise CAO as required. Establish standby personnel list for nights, weekends and holidays to assure presence of personnel for issuance of supplies and equipment in the event of an emergency. List shall be given to Maintenance Director and updated as required.

c. All Other Departments: No action required unless called upon. Shall assist and advise CAO as required.

C. MR EAL 2

When the Carrollton Gauge is at Elev. 15.0' and rising, the USACE-NOD dispatches flood flight field personnel to their respective sectors under a more intensified implementation of Mobilization, the Flood Protection Authority departments are affected as follows:

1. Engineering: The Director of Engineering will:

a. At his discretion, maintain surveillance of river levees and begin making daily patrols, including weekends.

b. Direct Levee Inspectors to make detailed daily reports. These reports could be necessary to substantiate possible disaster claims. The report should include areas of work and activity performed, i.e. sandbags placed, riprap placed, material hauled, lumber used, or whatever material or activity involved. Levee Inspectors shall also verify that work order and payroll records indicate personnel, equipment and material used in any such activity. Levee Inspectors shall review condition of all levee crowns to determine if additional repair or maintenance is required and make report. Accessibility is required in an emergency.

c. Direct Engineering staff to maintain liaison with USACE-NOD sector commanders

- and notify Port of New Orleans and other stake holders of possible gate closures.
- d. Direct all Engineering staff to maintain contact through Police Boards
- e. Direct EOC and Field survey on a daily basis to continue duties as described in First Stage Alert.
- 2. Engineering Supervisory Staff: The Engineering Supervisory Staff will:
 - a. Provide continuing support as required in First Stage Alert.
 - b. Direct all personnel to maintain contact through Police Board (See 4. Police Department).
 - c. Check stock of various materials and supplies that might be needed for emergency conditions in a flood fight. Report to the Director of Engineering, so orders can be placed as required in First Stage Alert.
- 3. All Other Departments: With the exception of duties described in First Stage Alert, no action required unless called upon. Shall assist and advise CAO as required.
- 4. Police: The Chief of Police will:
 - a. Assign one (1) officer to check river levee for entire shift, and complete high river report.

D. MR EAL 1

1. When the Carrollton Gauge prediction reaches an Elev. 17.0', the USACE-NOD enters into Mobilization for a major flood threat and the Flood Protection Authority departments affected are as follows:
2. Engineering: The Director of Engineering will:
 - a. Maintain and intensify surveillance of river levees with emphasis on possible liquefaction areas. This information will be obtained from USACE-NOD.
 - b. Implement necessary action in connection with levee crown report to complete necessary repair or maintenance of all levees.
 - c. Notify USACE-NOD if any emergency condition develops so they can supply contact personnel, equipment and material for emergency conditions under Second Stage Alert.
 - d. Coordinate with the USACE and determine if the necessary gate and valve closures are necessary based on their river level predictions and coordinate with the Port of New Orleans and other stake holders of any gate closures (See Appendix 6 – Levee Floodgate, Orleans Wharfs, and St. Bernard Pump Station Maps and Attachment #1).
 - e. Activate the EOC for possible coordination of gate closures, have Engineering

provide any elevations needed for any sandbagging operations, and have Engineering Personnel staff the EOC.

3. Director of Operations and Director of Maintenance: The Maintenance Director will:
 - a. Verify that required daily surveillance and inspection is provided.
 - b. Maintain sandbag stockpile, as bags are placed to combat erosion.
 - c. Sandbag low areas in box levee system as required. Special attention should be given to the downriver end of the Navy's Port of Embarkation, on the east bank of the Mississippi River, where the foreshore protection is at Elev. 15.0'. (See Attachment #1)
 - d. In the case that the USACE opens the Bonne Carre Spillway to divert water from the river, the Maintenance Director will monitor the lake's surface elevation and the Bayou St. John Flood Control's structure three (3) drain culverts to make sure the level of the Bayou does not rise above normal levels.
4. Police: The Chief of Police will:
 - a. Assign two (2) officer to patrol river levee 24 hours a day; (1) from Caernarvon to the Convention Center and (1) from the Convention Center to the St. Charles Parish line, and both complete high river report.
5. All Other Departments: With the exception of duties described in First and Second Stage Alerts, no action is required unless called upon.

E. EAL 1, Continued: CREST

1. When the river crests and begins falling, we get into a period of possible extreme danger to our levee system depending on the rate of fall. Previously stable sections could slide into the river due to the falling river and saturated berm and levee section. More intense surveillance and inspection is required with attention given to conditions on the berm such as toppling trees.
2. All departments of the Flood Protection Authority will continue functioning as under previous alert until the Director of Engineering either calls off the alert or reduces the patrol and surveillance activity. The Director of Engineering will review the F.D.A.P., Handbook for Applicants (3300.5 Rev.) for possible federal reimbursement damages.

1.9 Communications

- A. Primary communication by cellular and regular telephone whenever possible, backed by Flood Protection Authority radio. Strict radio discipline maintained at all times; conversations will be limited to those essential, short and to the point. Emergency action communications will have priority.

1. SLFPA-E Departmental Command Posts
 - a. All Departmental Command Posts will monitor their normal telephone circuits and the Flood Protection Authority radio frequencies.
5. SLFPA-E representatives at the Emergency Operations Center will monitor the Flood Protection Authority radio frequency
3. NOAA Weather Service
 - a. A SLFPA-E radio is installed at NOAA weather office in Slidell, Louisiana, and communication with that agency is available during normal or emergency situations.
4. Emergency Electrical Power
 - a. The Director of Maintenance will maintain an inventory of available generators.
5. SLFPA-W, PLD and PPG
 - a. Keep in contact with adjacent agencies and their work.

B. Logistics:

1. All Managers will provide the Procurement Officer with a list of emergency equipment and supplies being kept in inventory. This list will be kept current by the Manager concerned to include applicable seasonal information. The Procurement Officer will complete an inventory of these items by May 1 and November 1 of each year to ensure their availability and operational conditions.
2. The Procurement Officer will be prepared to support any emergency at any time by a 24-hour, seven days per week availability of both purchasing and issue functions.
3. Rolling Stock
4. Contract Services
 - a. Food
 - b. Construction Contractors

C. Police: Same as EAL 2 until conditions return to EAL 3.

1.10 EOC Personnel, Rules, and Responsibilities

Rules

Staff shall be respectful of noise levels within the EOC and shall hold discussions with Subordinates outside the EOC.

EOC chairs and space shall be limited to only those personnel assigned.

The EOC provides communication and visual aid measures that will aid in the planning and implementation of flood protection measures.

The EOC allows for group discussion to analyze and decide plans of action.

Dailey IC meetings will be scheduled and all necessary reports including situation reports, LIMS and logistic support will be discussed.

The following personnel are required to be present in the EOC during planning and flood protection implementation.

A more detailed description of responsibilities is included in Section 8.0 SLFPAE Incident Management Roles and Responsibilities

Roles and Responsibilities	
Incident Commander	
	<ul style="list-style-type: none"> • Ensuring clear authority and knowledge of agency policy and systems • Ensuring incident safety • Assessing the situation and taking action to protect life and property • Monitors weather forecasts and determines Emergency Activation Levels • Manages the Incident Command Structure • Activates EOC • Coordinates Police duties including escorts and security measures
PIO	
	<ul style="list-style-type: none"> • Coordinates communication with PIO to FPA personnel and public media • Coordinate communication with CAO and federal, state and local agencies
Logistics Section Chief	
	<ul style="list-style-type: none"> • Coordinates support from IT, Finance, Purchasing and HR • Provides meals and tracks required supplies, trucks and equipment usage for FEMA grants. • Attends planning meetings
Operations Chief	
	<ul style="list-style-type: none"> • Manages all tactical incident operations • Ensuring safety of emergency responders • Plans and schedules closure of complex structure and PCCP barriers • Coordinates Reserve Officer placement at S&WB Pump Stations and Complex personnel to PCCP stations • Monitors PCCP canal levels during pump station operation
Maintenance Chief	
	<ul style="list-style-type: none"> • Coordinates required teams for closure including personnel, equipment and supplies • Receives floodgate closure approval from Planning and schedules closure of floodgates and valves • Confirms closures and monitors schedule

Roles and Responsibilities
Planning and Engineering Chief
<ul style="list-style-type: none"> • Provides planning services for the Incident Management Team • Manages the coordination of gate closures with businesses, railroads and streets • Provides a list of floodgate and valve approval for closure list to the Maintenance Chief
EOC Coordinator/GIS
<ul style="list-style-type: none"> • Documents a chronological list of major decisions • Receives phone calls and forwards to the appropriate staff • Tracking Floodgate status • Weather
Levee Police
<ul style="list-style-type: none"> • Coordinate law enforcement efforts
USCAE
<ul style="list-style-type: none"> • USACE Liason available for technical decisions if an operations failure develops
CPRA
<ul style="list-style-type: none"> • CPRA Liason available to provide statewide support of supplies and equipment if needed • Monitors floodgate, valve, complex structure and barrier closure progress
Non-Flood
<ul style="list-style-type: none"> • Provides communication of flood gate closures with tenants and coordinates with tenants

1.11 Operations Department

PCCP, Complex Structures, and LBBLD Pump Station Features

NOTE: The information in the following sections presents basic information about the site locations, equipment, and conditions present. Full detailed information about each site can be found in the appropriate O&M manuals.

A) PCCP	2
B) Complex Structures	4
C) LBBLD Pump Stations (arranged by similarity of equipment).....	12



PCCP 17th Street

12,600 CFS

GPS: 30°01'21.99" N, 90°07'16.95" W

Municipal Address:

7300 West Roadway Drive

New Orleans, LA 70124

BASIC INFORMATION

TYPE	PCCP Station
PUMP SIZE	2x pumps @ 900 cfs
	6x pumps @ 1800 cfs
BYPASS GATES	11x Gates
GENERATORS	15x Generators at 2.6 MW each

TRIGGER POINTS

OPENING	Lake side gage reading recedes to +4.0 feet and is falling and the differential head between the lake side and canal side is no greater than 1.0 foot
CLOSING	Lake Pontchartrain predicted to be +4 and rising

RRM

NORMAL	RRM Not developed at this time, only normal PS redundancy.
STAGE 1	N/A

MISC

FUEL	50,000 Gallons/tank, 6 tanks
CBW	Lake Pontchartrain and 17th Street Canal
DEWATER	10 Year Frequency, First Planned 2028
NCC	May 1, 2018



PCCP London Avenue

9000 CFS

GPS: 30°01'39.82" N, 90°04'22.60" W

Municipal Address:

1801 Leon C. Simon Drive

New Orleans, LA 70124

BASIC INFORMATION

TYPE	PCCP Station
PUMP SIZE	2x pumps @ 900 cfs
	4x pumps @ 1800 cfs
BYPASS GATES	7x Gates
GENERATORS	11x Generators at 2.6 MW each

TRIGGER POINTS

OPENING	Lake side gage reading recedes to +4.0 feet and is falling and the differential head between the lake side and canal side is no greater than 1.0 foot
CLOSING	Lake Pontchartrain predicted to be +4 and rising

RRM

NORMAL	RRM Not developed at this time, only normal PS redundancy.
STAGE 1	N/A

MISC

FUEL	50,000 Gallons/tank, 5 tanks
CBW	Lake Pontchartrain and London Avenue Canal
DEWATER	10 Year Frequency, First Planned 2028
NCC	May 1, 2018



PCCP Orleans Avenue
2700 CFS
GPS: 30°01'37.91" N, 90°05'47.64" W
Municipal Address:
900 Lakeshore Drive
New Orleans, LA 70124

BASIC INFORMATION

TYPE	PCCP Station
PUMP SIZE	3x pumps @ 900 cfs
BYPASS GATES	3x Gates
GENERATORS	4x Generators at 2.6 MW each

8.0 TRIGGER POINTS

OPENING	Lake side gage reading recedes to +4.0 feet and is falling and the differential head between the lake side and canal side is no greater than 1.0 foot
CLOSING	Lake Pontchartrain predicted to be +4 and rising

9.0 RRM

NORMAL	RRM Not developed at this time, only normal PS redundancy.
STAGE 1	N/A

10.0 MISC

FUEL	40,000 Gallons/tank, 2 tanks
CBW	Lake Pontchartrain and Orleans Avenue Canal
DEWATER	10 Year Frequency, First Planned 2028
NCC	May 1, 2018



GIWW East Closure Sector Gate

GPS: 30.014424,-89.901635

Municipal Address:

GIWW Surge Barrier

15190 Intracoastal Dr.

New Orleans, LA 70129

BASIC INFORMATION

TYPE	Sector
SIZE	Sill Elevation: -16.0 ft
	Open Width: 150.0 ft (Navigable)
GENERATORS	2x, 150kW, 300 gallon skid day tank, Diesel 1x 25kW house generator, 60 gallon tank, Diesel

TRIGGER POINTS

	GIWW Sector Gate is the first to reopen
OPENING	<ul style="list-style-type: none"> Open after hurricane threat has passed and flood side stage nears protected side stage and falling
CLOSING	<p>Sector Gate Closure Plan initiated if surge is anticipated to reach 5' or greater in the IHNC</p> <p>Sector Gate will close after surge reaches 1.5', and</p> <ul style="list-style-type: none"> USCG indicates all required vessels have evacuated the RNA, or Before the onset of tropical storm force winds, or Before surge stage reaches 4'

ORRM

NORMAL	Hydraulically-Operated Gate, Shore Power
STAGE 1	Loss of Shore Power – 2 Site Backup Generators
STAGE 2	Loss of Hydraulics – Capstan Winch (Under Development)
STAGE 3	Loss of Hydraulics – Tug Boat to pull gate leaves closed

OMISC

CBW	Lake Borgne and GIWW
DEWATER	10 Year Frequency, First Planned 2023
NCC	December 6, 2013



GIWW East Closure Bypass Gate

GPS: 30.013630,-89.901250

Municipal Address:

GIWW Surge Barrier

15190 Intracoastal Dr.

New Orleans, LA 70129

BASIC INFORMATION

TYPE	Barge Gate
SIZE	Sill Elevation: -16.0 ft
	Open Width: 150.0 ft (Navigable only during SG maintenance)
GENERATORS	Emergency Power Comes from GIWW Safe House

OTRIGGER POINTS

OPENING	By-Pass Barge Gate reopens after all other gates are open and the flood side stage is approximately equal to the protected side stage.
CLOSING	First gate closed - Closure Plan initiated when tropical cyclone advisories are posted for Atlantic Basin By-Pass Barge Gate closed 96 hours prior to potential storm event <ul style="list-style-type: none"> GIWW Sector Gate may be closed temporarily to allow access to the By-Pass Barge Gate Seabrook Complex may be closed temporarily to facilitate closure of the By-Pass Barge Gate

ORRM

NORMAL	Hydraulically-Operated Windlass, Shore Power
STAGE 1	Loss of Shore Power – 2 Site Backup Generators
STAGE 2	Loss of Hydraulics – Bow Thrusters (Under Development)
STAGE 3	Loss of Hydraulics – Stop Logs (Limited Height)

OMISC

CBW	Lake Borgne and GIWW
DEWATER	N/A for this structure
NCC	December 6, 2013



Bayou Bienvenue Vertical Lift Gate

GPS: 30.002516,-89.902484

Municipal Address:

15190 Intracoastal Dr.

New Orleans, LA 70129

BASIC INFORMATION

TYPE	Vertical Lift Gate
SIZE	Sill Elevation: -8.0 ft
	Open Width: 56.0 ft (Navigable)
	Gate Elevation: 33.0 ft above 0.0 NAVD 88
	2x, 100kW, 300 gallon skid day tank each, Diesel
GENERATORS	Addition power comes from safe house generators.

TRIGGER POINTS

OPENING	Lift Gate reopens after the Seabrook Gates reopen and the storm surge has drained from the IHNC/GIWW corridor and Lake Pontchartrain
CLOSING	Closure Plan initiated if surge is anticipated to reach 5' or greater in the IHNC corridor Lift Gate closed no later than 36 hours before onset of tropical storm force winds <ul style="list-style-type: none"> GIWW Sector Gate may also close temporarily to allow access to the Lift Gate

ORM

NORMAL	Hydraulically-Operated Gate, Generator Power
STAGE 1	Loss of Shore Power – Gravity (To Lower Gate Only)
STAGE 2	Loss of Hydraulics – Gravity (To Lower Gate Only)
STAGE 3	N/A

MISC

CBW	Lake Borgne and GIWW
DEWATER	N/A for this structure
NCC	December 6, 2013



Seabrook Complex
 GPS: 30.030832,-90.034211
 Municipal Address:
 5552 Hayne Blvd.
 New Orleans, LA 70126

BASIC INFORMATION

TYPE	Sector / 2x VLG
SIZE	Sill Elevation: -18.0 ft
	Open Width: 95.0 ft (Navigable Sector Gate)
GENERATORS	2x, 250kW, 300 gallon skid day tank, Diesel

OTRIGGER POINTS

OPENING	Seabrook Gates reopen after the GIWW Sector Gate reopens and the Lake Pontchartrain stage nears the IHNC stage
CLOSING	Seabrook Closure Plan initiated if surge is anticipated to reach 5' or greater in the IHNC Seabrook Gates close after GIWW Sector Gate has closed <ul style="list-style-type: none"> • Closure occurs when stage in IHNC equalizes to Lake Pontchartrain stage • Gate should be closed prior to onset of strong tropical storm force winds

ORRM

NORMAL	Hydraulically-Operated Gate, Shore Power
STAGE 1	Loss of Shore Power – 2 Site Backup Generators Loss of Hydraulics <ul style="list-style-type: none"> • Capstan Winch (Under Development, sector gate only)
STAGE 2	<ul style="list-style-type: none"> • Gravity (VLG's only)
STAGE 3	Loss of Hydraulics – Tug Boat to pull gate leaves closed (sector gate only)

OMISC

CBW	Lake Pontchartrain and IHNC
DEWATER	15 Year Frequency, First Planned 2027/2028
NCC	December 2, 2013



Bayou St. John
GPS: 30.024298, -90.082916
Municipal Address:
Beauregard Ave
New Orleans, LA 70124

BASIC INFORMATION

TYPE	Sector
SIZE	Sill Elevation: -8.0 NAVD
	Open Width: 30 ft. (Non-Navigable)
GENERATORS	1x, 25kW, 25 gallon remote tank, Diesel

OTRIGGER POINTS

OPENING	Open only for monthly exercising
CLOSING	Normally closed

ORRM

NORMAL	Cable-Operated Gate, Shore Power
STAGE 1	Loss of Shore Power – Site Backup Generator
STAGE 2	Broken Cable – Capstan Winch (Under Development)
STAGE 3	Broken Cable – Tug Boat to pull gate leaves closed

OMISC

CBW	Lake Pontchartrain and Bayou St. John
DEWATER	10 Year Frequency, Last 2011, Next Planned 2021
NCC	1993



Bayou Bienvenue Sector Gate

GPS: 29.998334,-89.915573

Municipal Address:

Bayou Bienvenue Sector Gate

1 Bayou Bienvenue

New Orleans, LA 70129

BASIC INFORMATION

TYPE	Sector Gate
SIZE	Sill Elevation: -10.8 ft
	Open Width: 56.0 ft (Navigable)
GENERATORS	1x, 25kW, ? gallon tank, Diesel

OTRIGGER POINTS

OPENING	EL. 1.4 ft and falling
CLOSING	EL. 1.4 ft and rising

ORRM

NORMAL	Cable-Operated Gate, Shore Power
STAGE 1	Loss of Shore Power – Site Backup Generators
STAGE 2	Broken Cable – Capstan Winch (Under Development)
STAGE 3	Broken Cable – Tug Boat to pull gate leaves closed

OMISC

CBW	Bayou Bienvenue and Lake Borgne
DEWATER	10 Year Frequency, 1985, 1996, Last 2013, Next Planned 2023
NCC	1974



Bayou Dupre
GPS: 29.935065,-89.836585
Municipal Address:
8000 Bayou Dupre Access Rd.
Violet, LA 70092

BASIC INFORMATION

TYPE	Sector Gate
SIZE	Sill Elevation: -12.5 ft
	Open Width: 56.0 ft (Navigable)
GENERATORS	2x, 80kW, 145 gallon tank each, Diesel

OTRIGGER POINTS

OPENING	EL. 1.4 ft and falling
CLOSING	EL. 1.4 ft and rising

ORRM

NORMAL	Hydraulically-Operated Gate, Shore Power
STAGE 1	Loss of Shore Power – 2 Site Backup Generators
STAGE 2	Loss of Hydraulics – Portable HPU units (on site)
STAGE 3	Loss of Hydraulics – Capstan Winch (Under Development)

OMISC

CBW	Bayou Dupre and Lake Borgne
DEWATER	15 Year Frequency, Next Planned 2032
NCC	May 29, 2015



Caernarvon Sector Gate
 GPS: 29.859690,-89.907375
 Municipal Address:
 3000 Caernarvon Access Rd
 Braithwaite, LA 70040

BASIC INFORMATION

TYPE	Sector Gate
SIZE	Sill Elevation: -10.0 ft
	Open Width: 56.0 ft (Navigable)
GENERATORS	1x, 40kW, 100 gallon tank, Diesel

OTRIGGER POINTS

OPENING	EL. 2.5 ft and falling
CLOSING	EL. 2.5 ft and rising

ORM

NORMAL	Hydraulically-Operated Gate, Shore Power
STAGE 1	Loss of Shore Power – Site Backup Generator
STAGE 2	Loss of Hydraulics – Existing windlass winch system
STAGE 3	Loss of Hydraulics – Portable HPU units (from Dupre SG)

OMISC

CBW	40 Arpent Canal, Mississippi River
DEWATER	15 Year Frequency, Last May 2017 (USACE), Next Planned 2032
NCC	June 1, 2011



PS 1 Fortification Canal Pump Station

1081 CFS Capacity

GPS: 29.966520, -89.975379

Municipal Address:

4200 Jean Lafitte Parkway

Chalmette, LA 70043

BASIC INFORMATION

TYPE	Storm water Drainage Pump Station
PUMP SIZE	2x Diesel-driven thru right angle gear box, 480cfs each
	1x Electric motor-driven, 121cfs
GENERATORS	Obsolete single phase generator

35.0 TRIGGER POINTS

CANAL EL.	Pre-event pumped down to -7.0 to -7.5 NGVD
CANAL EL.	Normal maintained at -6.0 to -6.5 NGVD

36.0 RRM

NORMAL	Shore Power
STAGE 1	On-site Generator
STAGE 2	Rental Generator
STAGE 3	N/A

37.0 MISC

FUEL	5,000 Gallons/tank, 4 tanks
SAFE HOUSE	Yes, adjacent to PS1, shared with PS6
BACKFLOW PREVENTION	Yes, Tainter gates on discharge wier



PS 4 Meraux Pump Station

1081 CFS Capacity

GPS: 29.921536, -89.891203

Municipal Address:

3200 Guerra Drive

Violet, LA 70092

BASIC INFORMATION

TYPE	Storm water Drainage Pump Station
PUMP SIZE	2x Diesel-driven thru right angle gear box, 480cfs each
	1x Electric motor-driven, 121cfs
GENERATORS	Obsolete single phase generator

OTRIGGER POINTS

CANAL EL.	Pre-event pumped down to -7.0 to -7.5 NGVD
CANAL EL.	Normal maintained at -6.0 to -6.5 NGVD

ORM

NORMAL	Shore Power
STAGE 1	On-site Generator
STAGE 2	Rental Generator
STAGE 3	N/A

OMISC

FUEL	5,000 Gallons/tank, 4 tanks
SAFE HOUSE	No. Next closest Safe house is at PS7
BACKFLOW PREVENTION	Yes, Tainter gates on discharge wier



PS 2 Guichard Pump Station

579 CFS

GPS: 29.961617, -89.964327

Municipal Address:

4201 Jean Lafitte Parkway

Chalmette, LA 70043

BASIC INFORMATION

TYPE	Storm water Drainage Pump Station
PUMP SIZE	4x Hydraulically-driven, Diesel HPU, 144 CFS each
GENERATORS	John Deere/Generac 25kW, single phase, 125 Amps, 1800 RPM

OTRIGGER POINTS

CANAL EL.	Pre-event pumped down to -7.0 to -7.5 NGVD
CANAL EL.	Normal maintained at -6.0 to -6.5 NGVD

ORRM

NORMAL	Shore Power
STAGE 1	On-site Generator
STAGE 2	Rental Generator
STAGE 3	N/A

OMISC

FUEL	20,000 Gallons/tank, 1 tank
SAFE HOUSE	No. Next closest Safe house is at PS6
STAFFING	Station Manned as Needed
BACKFLOW PREVENTION	Yes, butterfly valves on discharge pipes



PS 3 Bayou Villere Pump Station

434 CFS

GPS: 29.951310, -89.934364

Municipal Address:

3700 Bartolo Drive

Meraux, LA 70075

BASIC INFORMATION

TYPE	Storm water Drainage Pump Station
PUMP SIZE	3x Hydraulically-driven, Diesel HPU, 144 CFS each
GENERATORS	John Deere/Generac 25kW, single phase, 125 Amps, 1800 RPM

OTRIGGER POINTS

CANAL EL.	Pre-event pumped down to -7.0 to -7.5 NGVD
CANAL EL.	Normal maintained at -6.0 to -6.5 NGVD

ORRM

NORMAL	Shore Power
STAGE 1	On-site Generator
STAGE 2	Rental Generator
STAGE 3	N/A

OMISC

FUEL	20,000 Gallons/tank, 1 tank
SAFE HOUSE	No. Next closest Safe house is at PS7
STAFFING	Station Manned as Needed
BACKFLOW PREVENTION	Yes, butterfly valves on discharge pipes



PS 5 E. J. Gore Pump Station

660 CFS

GPS: 29.879973, -89.874907

Municipal Address:
7701 E. Judge Perez Drive

Violet, LA 70092

BASIC INFORMATION

TYPE	Storm water Drainage Pump Station
PUMP SIZE	6x Hydraulically-driven, Diesel HPU, 110 CFS each
GENERATORS	John Deere/Generac 25kW, single phase, 125 Amps, 1800 RPM

OTRIGGER POINTS

CANAL EL.	Pre-event pumped down to -0.5 to -2.0 NGVD
CANAL EL.	Normal maintained at 0.0 to -0.5 NGVD

ORRM

NORMAL	Shore Power
STAGE 1	On-site Generator
STAGE 2	Rental Generator
STAGE 3	N/A

OMISC

FUEL	20,000 Gallons/tank, 1 tank
SAFE HOUSE	No. Next closest Safe house is at PS7
STAFFING	Station Manned as Needed
BACKFLOW PREVENTION	Yes, flap valves on discharge pipes



PS 6 Jean Lafitte Pump Station

950 CFS

GPS: 29.966334, -89.974945

Municipal Address:

4200 Jean Lafitte Parkway

Chalmette, LA 70043

BASIC INFORMATION

TYPE	Storm water Drainage Pump Station
PUMP SIZE	3x Diesel-driven thru right angle gear box, 316 cfs each
GENERATORS	Cummins ONAN, 150kW, 3 Phase

OTRIGGER POINTS

CANAL EL.	Pre-event pumped down to -7.0 to -7.5 NGVD
CANAL EL.	Normal maintained at -6.0 to -6.5 NGVD

ORRM

NORMAL	Shore Power
STAGE 1	On-site Generator
STAGE 2	Rental Generator
STAGE 3	N/A

OMISC

FUEL	10,000 Gallons/tank, 2 tanks
SAFE HOUSE	Yes
BACKFLOW PREVENTION	None, discharge pipe elevation designed to be at floodwall height



PS 7 Bayou Ducros Pump Station

950 CFS

GPS: 29.946952, -89.921742

Municipal Address:

3700 Bartolo Drive

Meraux, LA 70075

BASIC INFORMATION

TYPE	Storm water Drainage Pump Station
PUMP SIZE	3x Diesel-driven thru right angle gear box, 316 cfs each
GENERATORS	Cummins ONAN, 150kW, 3 Phase

01 TRIGGER POINTS

CANAL EL.	Pre-event pumped down to -7.0 to -7.5 NGVD
CANAL EL.	Normal maintained at -6.0 to -6.5 NGVD

02 ORRM

NORMAL	Shore Power
STAGE 1	On-site Generator
STAGE 2	Rental Generator
STAGE 3	N/A

03 MISC

FUEL	10,000 Gallons/tank, 2 tanks
SAFE HOUSE	Yes
BACKFLOW PREVENTION	None, discharge pipe elevation designed to be at floodwall height



PS 8 St. Mary Pump Station

835 CFS

GPS: 29.859690, -89.907375

Municipal Address:

3616 Bayou Road

St. Bernard, LA 70085

BASIC INFORMATION

TYPE	Storm water Drainage Pump Station
PUMP SIZE	3x Diesel-driven thru right angle gear box, 278 cfs each
GENERATORS	John Deere / Baldor, 200 kW, 3 Phase, 301 Amps, 1800 RPM

OTRIGGER POINTS

CANAL EL.	Pre-event pumped down to -7.0 to -7.5 NGVD
CANAL EL.	Normal maintained at -6.0 to -6.5 NGVD

ORRM

NORMAL	Shore Power
STAGE 1	On-site Generator
STAGE 2	Rental Generator
STAGE 3	N/A

OMISC

FUEL	10,000 Gallons/tank, 2 tanks
SAFE HOUSE	Yes
BACKFLOW PREVENTION	Yes, gate valves on discharge pipes. Part of HSDRRS closure feature if Pump Station is unable to pump

APPENDIX 2

Operation Coordination Checklist



APPENDIX 2: Operation Coordination Checklists

SLFPA-E General Incident Activation – Operational Coordination Checklist		
Emergency Activation Level 3 (Minor Incident)		Check
1	Chief Administrative Officer	
	<ul style="list-style-type: none"> • Transition from EAL 4 to 3 • Notify Board President • Notify SLFPA-E Critical Action Team (CAT) • Place IMT on stand-by for possible EOC activation • Notify and place Logistics Support Team members on standby • Notify Finance to implement accounting practices to track time and resources specifically related to the incident 	
1.1	Public Information Officer	
	<ul style="list-style-type: none"> • Ensure websites and other public information on incident response activities is up-to-date and accurate • Coordinate with local, state and federal agency PIO's to ensure consistency of message 	
2	Operations Chief	
	<ul style="list-style-type: none"> • Place SLFPA-E operations staff on standby 	
3	Director of Engineering	
	<ul style="list-style-type: none"> • Monitor forecasts and impacts of the specific event 	
4	Maintenance Director	
	<ul style="list-style-type: none"> • Place maintenance staff on standby • Coordinate early removal of floodgate traffic barriers 	
5	Chief Engineer	
	<ul style="list-style-type: none"> • Coordinate preparedness with other EOC start-ups, GIS, and GOSEP 	

SLFPA-E General Incident Activation – Operational Coordination Checklist		
Emergency Activation Level 2 (Major Incident)		Check
1	Incident Commander	
	<ul style="list-style-type: none"> • Transition from EAL 3 to 2 (at this EAL, the CAO assumes IC) • Notify Board President and IMT members • Document activation of the EOC • Activate full CEMP • Host Coordination Conference call • Establish priorities for each operational period 	
1.1	Public Information Officer	
	<ul style="list-style-type: none"> • Lead development of message on the incident, impacts and response. • Serve as the primary point of interface with the media 	
2	Operations Chief	
	<ul style="list-style-type: none"> • Activate the EOC • Manage EOC-based staff • Implement employee notifications for emergency response duties (mobilization and demobilization) • Direct and monitor preparedness and response activities • Ensure Operations staff are implementing appropriate protective measures 	
3	Planning and Engineering Chief	
	<ul style="list-style-type: none"> • Ensure resources are available to support 24/7 activities at the EOC • Monitor forecasts and impacts • Develop recommendation for EAL level changes • Set agenda topics for the SLFPA-E Coordination Conference call • Participate in interagency coordination conference calls 	
4	Logistics Sections Chief	
	<ul style="list-style-type: none"> • Activate and Manage Logistics Support Team as required • Direct I.T. staff to transfer phone lines to EOC Communication Center • Track time and resources specifically related to the incident • Ensure Payroll is complete and employees are paid on cycle • Coordinate with Operations Chief to ensure that time and resources are being properly tracked • Coordinate mutual aid requests with outside agencies 	
5	Maintenance Director	
	<ul style="list-style-type: none"> • Activate floodgate and valve teams • Coordinate closures with Planning and Engineering Chief • Coordinate Police escorts with police Chief 	

SLFPA-E General Incident Activation – Operational Coordination Checklist		
Emergency Activation Level 1 (Significant Incident)		Check
1	Incident Commander	
	<ul style="list-style-type: none"> • Transition from EAL 2 to 1 (at this EAL, the CAO continues to fill the role of IC) • Notify President of the Board and IMT members • Host Coordination Conference call • Establish priorities for each operational period 	
1.1	Public Information Officer	
	<ul style="list-style-type: none"> • Lead development of message on the incident, impacts and response. • Serve as the primary point of interface with the media 	
2	Operations Chief	
	<ul style="list-style-type: none"> • Manage EOC-based staff • Direct and monitor preparedness and response activities • Ensure Operations staff are implementing appropriate protective measures 	
3	Planning and Engineering Chief	
	<ul style="list-style-type: none"> • Monitor forecasts and impacts • Develop recommendation for EAL level changes • Set agenda topics for the SLFPA-E Coordination Conference call • Participate in interagency coordination conference calls 	
4	Logistics Sections Chief	
	<ul style="list-style-type: none"> • Manage activities of the Logistics Support Team • Track time and resources specifically related to the incident • Ensure Payroll is complete and employees are paid on cycle • Coordinate with Operations Chief to ensure that time and resources are being properly tracked • Coordinate mutual aid requests with outside agencies 	
5	Maintenance Director	
	<ul style="list-style-type: none"> • Standby for reopening of floodgates and valves • Standby for emergency required protocols 	

APPENDIX 3

Communications



APPENDIX 3 - Communications

Continuous and reliable communication throughout all levels of the SLFPA-E is of critical importance during an emergency. Therefore, multiple means of communication have been provided for in the event that storm damage renders one or more means unavailable. These include conventional Telephone (Landline), Cellular Phone, Two Way Radio and Satellite Phone.

3.1 Telephone and Cellular Phone

Telephone and Cellular Phone is the primary means of communication within the Agency and with partner agencies and the public throughout all Emergency Action Levels as long as they are working. A list of phone contact numbers and email addresses for all essential personnel, outside government and non-governmental partner agencies is provided in Appendix 9 of the SLFPA-E Comprehensive Emergency Management Plan. A Contact List of all parties affected by Floodgate Closures is included in Appendix 6 of the CEMP.

Under normal non-emergency operating conditions, EAL 4 and Minor Incident Operating conditions, EAL 3, incoming phone calls to the main phone line for the SLFPA-E, (504) 286-3100 will be routed through the switchboard operator. Upon activation of the Emergency Operations Center, EOC, under EAL 2 procedures, the Logistics Section Chief will notify the I.T. Department to route incoming calls to the Communications Center within the EOC at extension (504) 286-3140. The phones will remain routed to the EOC during EAL 2 and EAL 1 and will return to the switchboard operator when the emergency action level returns to EAL 3 and 4.

3.2 Two Way Radios

Two-way radios are distributed to essential staff throughout the agency for use under any EAL but primarily used when telephone and cellular phone services is unavailable or unreliable. Training on the proper use of the radios is provided prior to Hurricane Season. Radio checks are conducted to test users and equipment on a weekly basis during these months. A Radio Channel Grid indicating the appropriate channel for various departments within the agency is included at the end of this Appendix.

3.3 Satellite Phones

In the event that telephone, cellular, and internet phone service is unavailable, the SLFPA-E is equipped with multiple Satellite phones that are assigned to key personnel. Training on the use of satellite phones are provided prior to Hurricane Season, similar to the training and testing of the two-way radios.

The SLFPA-E Satellite phone numbers are changed annually and will be amended to the manual.

OPERATIONS AND MAINTENANCE - RADIO COMMUNICATIONS CHANNEL GRID 1 of 2											
Channel	ZONE OLD	ZONE CIN	ZONE JEF	ZONE PLA	ZONE STB	ZONE IJP	ZONE INO	ZONE IPL	ZONE ISB	ZONE R1	Channel
1	Maintenance	NO-SPEC1	JG-TAC1	PG-EOC	SBCCOORD1	JFFRSN01	ORLNS01	PLQMN01	ST. BRD01	RG1-1	1
2	Talk 2	NO-SPEC2	JG-TAC2	PLQMN01	SBCCOORD2	JFFRSN02	ORLNS02	PLQMN02	ST. BRD02	RG1-2	2
3	Admn	NO-SPEC3	JG-TAC3	PLQMN02	SBCCOORD3	JFFRSN03	ORLNS03	PLQMN03	ST. BRD03	RG1-3	3
4	Police	NO-SPEC4	JS-SPEC1	PLQMN03	ST. BRD01	JFFRSN04	ORLNS04	PLQMN04	ST. BRD04	RG1-4	4
5	Talk 1	NO-SPEC5	JS-SPEC2	PLQMN04	ST. BRD02	JFFRSN05	ORLNS05	PLQMN05	ST. BRD05	RG1-5	5
6	Franklin	NO-SPEC6	JS-SPEC3	PG-OPS-1	ST. BRD03	JFFRSN06	ORLNS06	PLQMN06	ST. BRD06	RG1-6	6
7	Fire Dep	NO-CITY1	JS-SPEC4	PG-OPS-2	ST. BRD04	JFFRSN07	ORLNS07	PLQMN07	ST. BRD07	RG1-7	7
8	PCCP	NO-CITY2	WP-EVENT1	PG-OPS-3	Unprgmd	JFFRSN08	ORLNS08	PLQMN08	ST. BRD08	RG1-8	8
9	Mech - Talk	NO-PSAF1	WP-EVENT2	PG-OPS-4	Unprgmd	JFFRSN09	ORLNS09	PLQMN09	ST. BRD09	RG1-9	9
10	Main-Talk	NO-PSAF2	GR-EVENT1	PG-OPS-5	Unprgmd	JFFRSN10	ORLNS10	PLQMN10	ST. BRD10	RG1-10	10
11	C&M Talk	NO-PSCOM	EJM-TAC1	PG-OPS-6	Unprgmd	JFFRSN11	ORLNS11	PLQMN11	ST. BRD11	RG1-11	11
12	OLD-CVN1	OCS-HDQ	EJM-TAC2	PE-EMS2	Unprgmd	JFFRSN12	ORLNS12	PLQMN12	ST. BRD12	RG1-12	12
13	SLFPA-EXE	Unprgmd	WJM-TAC1	PF-NORTH	Unprgmd	JFFRSN13	ORLNS13	PLQMN13	ST. BRD13	RG1-13	13
14	EJL-CMD	Unprgmd	WJM-TAC2	PF-SOUTH	Unprgmd	JFFRSN14	ORLNS14	PLQMN14	ST. BRD14	RG1-14	14
15	LBLD-EXE	Unprgmd	Unprgmd	PS-SPEC1	Unprgmd	JFFRSN15	ORLNS15	PLQMN15	ST. BRD15	RG1-15	15
16	Emergency	Unprgmd	Unprgmd	PS-SPEC2	Unprgmd	JFFRSN16	ORLNS16	PLQMN16	ST. BRD16	RG1-16	16
Note: All radio channels on this grid are operational as of 5/7/2019. Please ensure the A-B-C selector on the radio is set to the letter C.											
OPERATIONS AND MAINTENANCE - RADIO COMMUNICATIONS CHANNEL GRID 2 of 2											
Channel	ZONE RIC	ZONE EOC	ZONE RU1	ZONE IN1	ZONE IN2	ZONE LS1	ZONE LS2	ZONE LS3	ZONE MA2	Channel	
1	RCC-1	EOC1	R1USAR1	ORLNS-1	STATE-1	R1-CRDCL	R4-CRDCL	R7-CRDCL	T/A ALL	1	
2	Unprgmd	Unprgmd	Unprgmd	ORLNS-2	STATE-2	R1-CRDT1	R4-CRDT1	R7-CRDT1	8CALL90	2	
3	Unprgmd	Unprgmd	Unprgmd	ORLNS-3	STATE-3	R1-CRDT2	R4-CRDT2	R7-CRDT2	8CAL90TA	3	
4	Unprgmd	Unprgmd	Unprgmd	ORLNS-4	STATE-4	R2-CRDCL	R5-CRDCL	R8-CRDCL	8TAC91	4	
5	Unprgmd	Unprgmd	Unprgmd	JFFRSN-1	INTOP01	R2-CRDT1	R5-CRDT1	R8-CRDT1	8TAC91TA	5	
6	Unprgmd	Unprgmd	Unprgmd	JFFRSN-2	INTOP02	R2-CRDT2	R5-CRDT2	R8-CRDT2	8TAC92	6	
7	Unprgmd	Unprgmd	Unprgmd	JFFRSN-3	INTOP03	R3-CRDCL	R6-CRDCL	R9-CRDCL	8TAC92TA	7	
8	Unprgmd	Unprgmd	Unprgmd	JFFRSN-4	INTOP04	R3-CRDT1	R6-CRDT1	R9-CRDT1	8TAC93	8	
9	Unprgmd	Unprgmd	Unprgmd	PLAQMN-1	INTOP05	R3-CRDT2	R6-CRDT2	R9-CRDT2	8TAC93TA	9	
10	Unprgmd	Unprgmd	Unprgmd	PLAQMN-2	INTOP06	Unprgmd	Unprgmd	Unprgmd	8TAC94	10	
11	Unprgmd	Unprgmd	Unprgmd	PLAQMN-3	INTOP07	Unprgmd	Unprgmd	Unprgmd	9TAC94TA	11	
12	Unprgmd	Unprgmd	Unprgmd	PLAQMN-4	INTOP08	Unprgmd	Unprgmd	Unprgmd	Unprgmd	12	
13	Unprgmd	Unprgmd	Unprgmd	STB-1	INTOP09	Unprgmd	Unprgmd	Unprgmd	Unprgmd	13	
14	Unprgmd	Unprgmd	Unprgmd	STB-2	INTOP10	Unprgmd	Unprgmd	Unprgmd	Unprgmd	14	
15	Unprgmd	Unprgmd	Unprgmd	STB-3	Unprgmd	Unprgmd	Unprgmd	Unprgmd	Unprgmd	15	
16	Unprgmd	Unprgmd	Unprgmd	STB-4	Unprgmd	Unprgmd	Unprgmd	Unprgmd	Unprgmd	16	
Note: All radio channels on this grid are operational as of 5/7/2019. Please ensure the A-B-C selector on the radio is set to the letter C.											

APPENDIX 4

Inventory List



2020 Hurricane Season Inventory by Levee District

Resources

	Orleans	East Jefferson	Lake Borgne
Milled Asphalt	0	3,500 cy	0
Lime Stone	1,200 cy	150 cy	0
Rip-Rap (Broken Concrete)	2 cy	3,000 cy	0
Sand	900	750 cy	1 pit
Clay Material	1,200 cy	3,200 cy	0
Filled Small Sand bags	20,835	4,800	0
Empty Small Sand bags 15x26	35,000	4,000	0
Filled 3,000 lb. Rock bags	286	180	0
Empty 3,000 lb. Rock bags	337	600	0
LF of used Hesco baskets	0	1,050	0
LF of New Hesco baskets	1,395	2,850	0
Traffic Cones	70	40	50
Type-3 Barricades	137	20	60
Blinking lights with batteries	155	30	60
Gas	10,000 gal	8,000 gal	8,000 gal
Diesel (OLD 3k for generator)	10,000 gal	8,000 gal	8,000 gal
Drinking water (on-hand)	800 gal	120 gal	25 gal.
Visqueen Rolls (12X100X10)	6 rolls		
Visqueen Rolls (20x100x10)	4 rolls	3 rolls	0
Life Vests	0	0	0

* Shared resources with St. Bernard Sheriff Office

Equipment

	Orleans	East Jefferson	Lake Borgne
Case Track loader 390 (with 66" Grapple Bucket)	1		1
John Deere 200DLC Excavator 150HP		1	
4WD Kubota RTV/ATV	6	3	1
Kubota Excavator KOX52 w/drainage & trenching bucket		1	1
Bulldozer	3	1	2
Kobelco Exacavator w/ 60' boom			1
Bucket Truck (F-350)	2		
Water Truck (4,000 Gallons)		1	
Case 590 Backhoe	1	1	1
Case 580 Backhoe		1	1
Front end Loader/Back Hoe	1		
Frontend Loader (3 cu. yd.)	2		
Tandem Dump Truck 255HP			
18 cu. Yd. Trash Truck		2	
15 cu. yd. Trash Truck (180HP)			1

	Orleans	East Jefferson	Lake Borgne
5-6 cu. yd. Single Axel Dump Trucks (180HP)	3	2	
Dump Trucks (other or smaller)	5	1	
10-12 cu. yd. Dump Truck (250 - 275HP)	3	3	3
300 Series Bobcat Skid-loader (81HP)	2	2	
10,000 lb. all terrain fork truck (100HP)	2	1	
Rock Bag Machine	1	1	
Sandbagger Machine	1	1	
Sandbag Conveyer	2		
5th Wheel tractor truck	2	1	1
Light Tower Power Plant		1	
16 Ton Tilt Trailer			
10 Ton Trailer	1		
20 Ton Trailer		1	
25 Ton Trailer	2	1	1
30 Ton Trailer		1	1
Utility Trailer	8	4	3
5th Wheel Tractor Trailer	2	1	1
A-Boom 23FT			
Fork Lift (50HP)	5	1	1
6" Trash Sump Pump on Trailer		1	
Trash Truck	3		
T-500 Vacuum Pump mounted to a trailer (40 HP)			1
Aluminum Flat Boat (20') w/ 90 HP motor and trailer	1		1
Aluminum Flat Boat (15-16') w/motor	1		
Stake Body Truck (International)	3		
Sweeper Truck	1		
Street Flusher (Rosco MTA)			
Brush Chipper	1		
Stump Grinder	1		
Pump ('88 Gormen Rupp self-priming 5HP)	1		2
Generator	3		2
Welders Truck	2		1
Hi-Vu Direction Sign	2		
2WD Pick-up Truck	20	2	
4 X 4 Pick-up Truck	19	9	5
Shop Service Truck	3	2	1
Air Boat w/ trailer			

APPENDIX 5

Police Hurricane Plan



APPENDIX 5: Police Operations Plan

5.1 OPERATIONS MANUAL

Nothing herein shall authorize police personnel to deviate from the duties and responsibilities described in the South Louisiana Flood Protection East Policy and Procedure Manual, unless specifically addressed within the Comprehensive Management Plan.

5.2 INTERNAL AFFAIRS

The Public Integrity Bureau is responsible for initiating and/or supervising an investigation or violation of the Police Department's policies and procedures.

5.3 ACQUISITION OF PROPERTY

Orleans Levee District and East Jefferson Levee District Police will conduct themselves in a professional, courageous and courteous manner at all times. The acquisition/commandeering of buildings, businesses, vehicles or property by members of the OLD Police and East Jefferson Police are PROHIBITED without the express consent of the Superintendent of Police, or his/her designee through the chain of command. All requests for assets/supplies (i.e., vehicles, equipment, etc.) will be made through the Logistics Section Chief. (See Forms/Policy Section)

5.4 CONDUCTED ELECTRICAL WEAPON (CEW) USAGE

Conducted Electrical Weapon (C.E.W.)'s shall not be used in flood waters. Police personnel assigned a C.E.W. shall secure the C.E.W. in a safe, dry location while working in areas containing standing or flood waters. Other intermediate weapons shall be utilized.

Supervisors shall not issue orders for officers to deploy a C.E.W. if working in flood or standing waters and/or heavy rain situations.

5.5 UNIFORMS

The Department authorized BDU (Battle Dress Utility) will be the uniform of the day when authorized by the Superintendent.

5.6 TERMINATION OF ALERT

Once initiated, ONLY THE CHIEF ADMINISTRATIVE OFFICER is authorized to reduce or terminate an alert level. The CAO will notify the SUPERINTENDENT OF POLICE who will inform his DISTRICT COMMANDERS of the TERMINATION OF the INCIDENT. ALL personnel will remain on their assignment until relieved by the Superintendent of Police, through their Command.

5.7 HIGH RIVER CONDITIONS

High River Conditions above 11.0 feet activate the SLFPA-E into heightened state of preparedness and initiates supplemental patrols utilizing both Orleans Levee District Police and East Jefferson Levee District Police.

These patrols are conducted during daylight hours and cover Jefferson, Orleans and St. Bernard Flood Protection Systems.

Respective Districts will assign two (2) police officer to the Mississippi River as roving observers identifying water encroachment issues, seepage, sand boils and erosion due to the water movement.

SELPFA-E engineering will be notified of any objects that may pose a threat to the Flood Control System

Lake Borgne Flood Protection System will be patrolled by Police Officers assigned to the EJLD- PD.

5.8 EMERGENCY ARRESTS DETENTION FACILITY

5.8.1. Purpose

To establish an emergency protocol for processing arrests by the Orleans Levee District Police Department in the event of a catastrophic failure in the correctional system.

The Criminal Sheriff's Office will process, and house people placed under arrest.

5.9 VIOLENT INCIDENTS

Police personnel investigating a violent crime, such as aggravated battery, sexual assault, etc., involving a physical arrest, will:

- Complete all forms and reports o contact a supervisor o contact the dispatcher for the nearest prison facility
- Arresting officers to complete ALL required forms and reports and deliver a copy to the detention facility

5.10 ORLEANS LEVEE DISTRICT POLICE DEPARTMENT & EAST JEFFERSON LEVEE DISTRICT POLICE DEPARTMENT HURRICANE PREPAREDNESS MANUAL 2020

5.10.1 PURPOSE

The purpose of this procedure is to make all members of the department aware of the merge of the Orleans Levee District and East Jefferson Levee District as well as the functions and responsibilities of the Orleans Levee District and East Jefferson Levee District, particularly those of the Police Department when the Metro New Orleans area is threatened by a hurricane, tropical weather developments, or other high water emergencies.

To define terminology associated with tropical weather developments to avoid any misunderstanding or misinterpretation of a weather situation or alert status that may arise.

To clearly define the duties of members of the Orleans Levee District Police and East Jefferson Levee District Police Department during an alert or standby situation.

5.10.2 Orleans Levee District & East Jefferson Levee District Alerts

Emergency Activation Level 3

1. Emergency Activation Level 3: When Louisiana is included in the 72-hour average forecast error cone published by the NWS.
2. Police will maintain normal activities
3. A state of awareness will be established, and personnel will monitor the development and location of the storm.
4. The superintendent of police through his District Commanders will establish a 12-hour emergency schedule.
5. At this time, members affected by the emergency schedule shall prepare their residences, family, pets, and other personal business. They should not delay until an orange or red alert is announced. In the event that we are placed on the emergency schedule officers will **NOT** be allowed to bring family members or pets to the job.
6. Due to the possibility of the alert status rapidly changing, the above preparation should be completed in advance.
7. The equipment manager will do the following:
 - a. Maintain a sufficient inventory of emergency supplies such as batteries, first aid supplies, waterless hand cleaner, chlorine bleach, ice chests, water, paper towels, toilet paper, trash bags and flashlights.
 - b. Maintain a sufficient inventory of emergency equipment such as barricades, blinking lights and foul weather clothing and an emergency generator for HQ.
 - c. Ensure all computers are backed up
 - d. In the event of an evacuation the media used to back up the computers, weapons, spare radios, batteries and chargers, first aid supplies, and any other sensitive equipment will be taken to a secondary designated location for safekeeping.
 - e. Due to the possibility of the alert status rapidly changing, the above preparation should be completed in advance.

The equipment manager of both OLD and EJLD-PD will do the following:

1. Maintain a sufficient inventory of emergency supplies such as batteries, first aid supplies, waterless hand cleaner, chlorine bleach, ice chests, water, paper towels, toilet paper, trash bags and flashlights.
2. Maintain a sufficient inventory of emergency equipment such as barricades, blinking lights and foul weather clothing and an emergency generator for HQ.

When an officer is sick or has to care for a family member who is ill, the member shall provide a doctor's note verifying that the officer or the family member was treated.

Emergency Activation Level 2

48 hours before hurricane conditions could impact Southeast Louisiana.

- A. When a tropical storm or hurricane develops or moves within 48 hrs of impact, members of the department will be on emergency standby. They will call Police Headquarters and exchange the following information:
 - 1. The member will check with the dispatcher or on duty ranking officer for the current alert status to determine if the emergency schedule has been activated or will be activated.
 - 2. If the member is off duty, they will give a telephone number where they can be reached at all times in the event of an emergency call out.
- B. The police dispatcher will establish a levee district accountability board. This will be for all levee district supervisors and police personnel to leave a phone number where they can be reached if they leave their residence. If they have no number where they can be reached, they must call into headquarters periodically to assure availability in the event they are needed. This board will be kept daily.
- C. When the Orleans Levee District and East Jefferson Levee District both go on alert status, the Police Superintendent may institute the 12-hour emergency schedule and call in some (or all) affected members of the department. The Lakefront Platoon Commander and the on duty EJLD Platoon Commander at the instructions of the District Commanders will be notified how many officers are needed and will call them in for duty. The officers will remain on duty for the entire duty shift, if necessary. Officers on overtime may be relieved of duty if the Police Superintendent or higher feels it is no longer necessary to keep them on duty.
- D. When members are called in to report for duty on the emergency schedule, the Police Superintendent shall have the discretion of:
 - 1. Canceling members leave and/or regular days off.
 - 2. Canceling paid details.
 - 3. Canceling training, meetings or other non-essential events
- E. Officers shall be personally prepared for severe weather and possibly an extended stay. The officer shall have with them in addition to regular duty gear and proper PPE:
 - 1. Rain gear, boots, and flashlights, yellow reflective vest
 - 2. Extra dry clothing. (Uniform of the day)
 - 3. Any toiletries and medication that may be necessary.
 - 4. Officers are advised to bring canned foods, drinks and snacks that don't require preparation. When officers are on the 12-hour emergency schedule they are responsible for their own meals. If the situation worsens and the officers are required to stay 24 hours, the agency will provide meals.

- F. Fuel up their police vehicles and make sure the vehicle has an under-hood check.
- G. Officers may and suggested to wear appropriate dress down clothing including:
 - 1. Uniform shirt unless otherwise authorized. (BDU's)
 - 2. Utility pants such as BDUs or jeans
 - 3. Officers are expected to show up for roll call with a neat clean appearance.

Emergency Action Level 1

24 hours before hurricane conditions are expected to impact Southeast Louisiana.

- 1. All members will be activated for the 12-hour emergency schedule. All leave and RDO's will be canceled.
 - 2. All personal preparations should have been completed.
 - 3. Police Officers from Orleans Levee District and East Jefferson Levee District will be assigned to the maintenance Division to assist with securing floodgates, valves and sandbagged areas.
 - 4. Providing public safety by keeping the public out of closed/hazardous areas.
 - 5. Officers shall understand that flood protection takes priority over enforcement of Minor infractions, such as traffic violations.
 - 6. Platoon Commanders will notify NOPD, JPSO and SBSO that calls will be handled on a limited basis due to the priority of flood protection.
 - 7. Patrol levees looking for erosion, seepage and water topping the levee.
- A. Orleans Levee District Police Patrol responsibilities
 - 1. Patrol functions are divided into three polder systems covering the levee system in Orleans Parish and Lakeshore Drive as follows:
 - a. (For more detailed description see Patrol Operations section 6.0)
- B. Sector A:
 - 1. Metro Polder: Lakefront, River Levees, Outfall Canals
 - 2. New Orleans East Polder: Airport, Hayne, Southpoint, Maxent, Highways 11 and 90, Michoud levees
 - 3. St. Bernard Polder: Bayou Bienvenue, Intracoastal waterway assisted by EJLD-PD
 - 4. When Lakeshore Drive is closed keep vehicles and pedestrians out of area. No one is allowed between the levee and the lake.
 - 5. No vehicles will drive on wet levees or wet grass.
 - 6. Check floodgates, valves and levees for integrity.
 - 7. Prior to O.L.D. closing floodgates in the marina area, patrol officers will ride through the boathouse and apartment area announcing over the loudspeaker, that floodgates will

be closed at a certain time and that all vehicles should be removed from the area. Once the floodgates are closed, they will not be re-opened until the threat is over.

C. Sector B:

1. East of Bayou St. John, west of Industrial Canal from Lake Pontchartrain to Florida Ave.
2. When Lakeshore Drive is closed keep vehicles and pedestrians out of area. No one is allowed between the levee and the lake.
3. No vehicles will drive on wet levees or wet grass.
4. Check floodgates, valves and levees for integrity. Pay particular attention to the floodgates along France Road to ensure that business owners don't open floodgates.

D. Sector C:

1. Eastern New Orleans; east of the Industrial Canal to the parish line from Lake Pontchartrain to the Intracoastal Waterway/Gulf Outlet.
2. Check all tide gauges as directed by the EOC.
3. No vehicles will drive on wet levees or wet grass.
4. Check floodgates, valves and levees for integrity. Particular attention should be paid to the floodgates along Jordan Road and Highway 90 and Highway 11 to ensure that business owners don't open floodgates.

E. Sector D:

1. Levees on both sides of Industrial Canal from Florida Ave. to Mississippi River. East bank levees of Mississippi River from St. Bernard to Jefferson Parishes.
2. No vehicles will drive on wet levees or wet grass.
3. Check floodgates, valves and levees for integrity. Pay particular attention to the floodgates along both sides of the Industrial Canal to ensure that business owners don't open floodgates.
4. While checking river levees the officer will check for illegally moored vessels along the area between the MRL and the batture. If any illegally moored vessels are found the U.S. Coast Guard must be notified.

F. Lakefront Airport:

1. When floodgates are closed barricades will be placed on both overpasses leading onto the airport. FBO personnel and authorized personnel from South Shore Harbor such as security will be allowed access onto the airport. The west approach from Hayne Blvd. will be not utilized for this access. One officer will be stationed at the entrance from Hayne Blvd. for traffic control.
2. Check floodgates, valves and barricades to ensure that they are secure
3. Assist the fire department and FBO's checking for unsecured aircraft and safety hazards.
4. If needed provide escorts for fuel trucks, tugs and other equipment to Franklin Facility.

5.10.3 East Jefferson Levee District Police Patrol responsibilities

- A. Maintain an active police presence along the Mississippi River, West Return, Canal, Lake Pontchartrain, 17th Street Canal prior to and immediately after the passing of the tropical event.
- B. Two Police Officers will be assigned patrol duties along the Mississippi River and two officers assigned to Lake Pontchartrain levee system.
- C. Priorities of assignments of the EJLD-PD are as follows but not limited to:
 - 1. Maintaining the integrity of the Flood Control System
 - 2. Escorting Operations and Maintenance to various locations for closure and opening of flood control structures.
 - 3. Calls for service will be handled after Flood Control Structures are completely closed/open or designated by the platoon supervisor.
- D. Zone Assignments
 - 1. Zone A: Pump Station #5 on the West return canal to Lake Pontchartrain to Clearview Parkway
 - 2. Zone B: Clearview Parkway to the 17th Street Canal. 17th Street Canal from Lake Pontchartrain to Pink Street, Pump station #6
 - 3. Zone C: Mississippi River from Orleans/Jefferson Parish line to include the camp along the river bacher to Colonial Heights
 - 4. Zone D: Mississippi River from Colonial Heights Drive to Pump Station #5 located on the West Return.
- E. Officers along the Mississippi are roving police patrols and maintaining the integrity of the Levee system due to high water. The officers shall report and document water encroachment issue's along both the MRL system and Lake Pontchartrain.
- F. Bayou Bienvenue: With the updates and merger will there by a P/o(s) assigned?
 - 1. An officer will be assigned to the Bayou Bienvenue flood control structure to provide protection for the maintenance personnel on the facility.
 - 2. The officer will ensure that boaters do not open the locks once they are closed.
 - 3. Officers assigned to Bayou Bienvenue has the option of checking out from the equipment manager a 12-gauge shotgun and/or a .30 caliber carbine to take with them. The officer must be trained and qualified in the particular weapon they choose.
- G. Dispatcher:
 - 1. A minimum of 2 people will be assigned to Headquarters to handle dispatch duties.
 - 2. The accountability board will be maintained.
 - 3. The tide gauge readings will be maintained as requested by the EOC.

- H. Preparations will be made to relocate the following equipment in the event of an evacuation:
1. LLETs computer including the DAP and the IBM router.
 2. MOTION computer
 3. Digital recorder
 4. Intoxilyzer 5000
 5. Portable radios, chargers and accessories
- I. Maintain an open line of communication with the officer (s) assigned to the New Orleans EOC at City Hall advising of gate closings, street closings, sandbagging or other hazardous situations. Document all information via FEMA form 214.

5.10.4 St. Bernard Patrol Responsibilities and Zone Assignments

The Primary responsibility of the SLFPA-E Police Departments in St Bernard Parish is to assist SLFPA-E Gate Closure Crews by providing traffic control escorts and security for the closing and opening of the floodgates and valves in the Lake Borgne Levee District. The SLFPA-E Police Departments have no specific areas of responsibility assigned by the St Bernard Sheriff's Office. However, as a secondary responsibility SLFPA-E Police will assist the St. Bernard Sheriff's road deputies when needed due to their coverage of calls for service and emergency calls elsewhere in St Bernard Parish.

5.10.5 Emergency Operations Center (EOC) Assignment

1. Two officers will be assigned to the New Orleans OEP (City Hall 9th floor). One officer will work the day shift and the second officer will work the night shift. Two officers from EJLD-PD will be assigned to the Jefferson Parish EOC once activated. One officer will be assigned to St. Bernard Parish EOC once activated.
2. The officer(s) assigned to the OEP will interact with city, state, and other organizations, exchanging information to coordinate emergency preparations such as evacuations, curfews, street, bridge, and floodgate closings.
3. The officer (s) will maintain an open line of communication with police headquarters and the EOC relaying information to the OEP.
4. The officer (s) will also provide the SLFPA-E EOC with information updates from the their respective EOC's and document the information via a FEMA form 214.
5. The officer (S) will answer any phone calls from the public directed to flood protection/Orleans Levee District concerns.
6. The officer (S) will also relay any information about assistance/equipment needs between the Orleans Levee District and the other agencies and forward those requests to the SLFPA-E EOC for approval.
7. Upon completion of the officer's tour of duty an e-mail shall be sent to the Superintendent of Police, District Commander and through "Pass-On" notifying these ranking officers of the daily activity

A. Franklin Base

1. Franklin Base will be manned 24 hours per day until the emergency is over or if notified, when and where they will be evacuated to.
2. The officer will remain at the front gate, unless properly relieved, and ensure that only authorized personnel enter the facility to ensure the protection of personnel and property.

B. Escorts and Unforeseen Assignments

1. Four patrol officers will be readily available for escorting equipment, sandbagging, and gate closures as needed and requested by the EOC.
2. Assisting in trouble spots, arrest transports, and relief of officers on fixed assignments.

C. Summary of Emergency Preparedness Duties

1. The Orleans Levee District and East Jefferson Levee District performs a vital function for the City of New Orleans, East bank of the Parish of Jefferson and its citizens by helping to prevent flooding due to hurricanes and high-water emergencies. Within the Orleans Levee District and East Jefferson Levee District both Police Districts performs a vital function of providing safety and security for Levee District personnel and property. It is impossible to predict and plan for all situations that may arise. Therefore, the Levee District Police must remain flexible in their operations and be prepared to solve unforeseen problem as they arise.
2. The overall goal of the SLFPA-E Police Departments is to protect the integrity and function of the flood protection system in Orleans Parish. This will be accomplished by vigilant patrol of the levees, while monitoring floodwalls, valves and floodgates. In addition, the police will be available to assist operations and maintenance, as needed, with sandbagging, closing of floodgates and valves.
3. As conditions deteriorate there is a possibility that police headquarters will be evacuated and relocated to the Franklin Facility Safe house (or other designated location), which has been established as an emergency command post. When the Police Superintendent deems it necessary, all patrol personnel, except the officers assigned to City Hall, will relocate to this site.
4. All vehicles will be parked in the Franklin Facility building and take shelter
 - i. inside of the building. As a secondary shelter for officers assigned to the east bank river levees, the Harbor Police has offered the use of their shelter located at the Napoleon Avenue Wharf. Police vehicles assigned to the East Jefferson Levee District Police may use the parking garage at Ochsner Hospital or the East Jefferson General Hospital parking garage as a secondary shelter.
5. Officers should use extreme caution when driving and should refrain from driving through high water. Be cautious of fallen trees, downed electrical wires, ruptured gas lines and other hazardous conditions. Any unsafe conditions should be reported to O.L.D. Headquarters, EJLD Headquarters and the EOC immediately. This information will then be relayed to the officers at the respective EOC's

6. During alert status all officers including rank and administrative officers will fill out a complete and accurate activity sheet. All storm related activity, mileage and fuel used must be logged. This information is vital for agency reimbursement from FEMA.
7. After the hurricane has passed and winds and water have subsided sufficiently to permit travel, platoon commanders will have officers check their respective patrol sectors for any damages and loss of SELFPA-E property, this includes levees, floodwalls, gates and valves. This information must be documented in the form of a police incident report
8. Those conditions that involve damage, breach or seepage to any part of the flood protection system will be reported immediately to the dispatcher who will notify the engineers in the OLD Emergency Operations Center. These conditions will also be passed on to the officer assigned to City Hall.
9. Outside agencies may call upon the OLD-PD and EJLD-PD for assistance with search and rescue patrols for the prevention of looting, distributing emergency supplies, or providing first aid to the sick and injured. This assistance will be provided as long as the OLDPD and EJLD-PD primary duty of patrolling the flood protection system is covered and approved by the Superintendent of Police.
10. Officers should use extreme caution due to the hazards presented after the storm. They should be on the lookout for downed electrical wires, glass, wood and metal shards protruding from the ground, missing man hole covers, broken gas lines and wild animals such as raccoons, stray dogs, coyotes, feral pigs, rats, alligators and snakes.
11. Any equipment, shoes, boots or clothing that has come into contact with contaminated water should be decontaminated with 10% chlorine bleach solution. Anyone who receives an open wound injury in a contaminated environment must seek first aid treatment immediately. Any officer who is seriously injured or ill must be transported to the designated emergency room by the most reliable means of transportation available.
12. All personnel are strongly advised to keep their tetanus shots up to date (within 5 years).

APPENDIX 6

Floodgate Contact Roster



Appendix 6 – Floodgate Emergency Contact Roster

Air Products			
Address	14700 Intracoastal Dr. New Orleans, LA	Primary Contact	
Remarks		Phone Number	(504) 254-1590
		FAX Number	(504) 254-6270
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Daniel J. Diller	Deleted number	1-985-641-0152	(225) 620-6325 / dillerdj@airproducts.com
Andrew Johnson	504-388-2583		johsoaw@airproducts.com
Jeff Gamber	(504) 253-8324	(504) 400-6132	gamberjd@airproducts.com
Almonaster Ave Bridge (W-33, 34, E-7, 8)			
		Primary Contact	Chad Larkins
Remarks		Phone Number	
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Chad Larkins	(504) 528-3501	(504) 303-1430	Chad.larkins@portnola.com
AMTRAK (E-14, W-42, LCE-1, LCW-1, X-1)			
Address	1001 Loyola Avenue New Orleans, LA 70113	Primary Contact	Paul E. Carver
Remarks		Phone Number	(504) 528-1664
		FAX Number	(504) 528-1663
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Paul E. Carver	(504) 528-1664	(504) 234-5742	carverp@amtrak.com
Douglas Reisner	(504) 410-2354	(504) 251-4047	Douglas.reisner@amtrak.com

Audubon Institute / Aquarium of the Americas (EB-46, 47 ,48, 49)			
Address	1 Canal St. New Orleans, LA 70130	Primary Contact	Security / Emergency Sgt. Otis Duvernay (504) 657-6843
Remarks		Phone Number	378-2510/657-6843
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	
Sgt. Otis Duvernay	(504) 657-6843		oduvernay@auduboninstitute.org
Kevin Rainey		(504) 512-2625	krainey@auduboninstitute.org
Ernst Elfer		(504) 338-6449	eelfer@auduboninstitute.org
Rich Toth	(504) 915-5367		rthoth@auduboninstitute.org
Bayou / Canal Fleet, Inc. (W-35, 36, 37, 38)			
Address	Post Office Box 446 Hahnville, LA 70057	Primary Contact	Robin Durant
Remarks		Phone Number	(985) 783-6403
		FAX Number	(985) 783-6413
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Robin Durant	(985) 783-6403	(504) 390-6403	rbd@bayoufleet.com
Ken Toups	(985) 783-6403	(504) 390-6407	kgt@bayoufleet.com
Buzzi Unicem USA (M-5, 6, 7)			
Address	14900 Intracoastal Dr. New Orleans, LA 70129	Primary Contact	Charles Slaydon
Remarks		Phone Number	(504) 254-6454
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Charles Slaydon	(504) 613-6431	(601) 590-3639	Charles.slaydon@buzziunicemusa.com
Williams Hayes	504-254-6450	(601) 347-5040	William.Hayes@buzziunicemusa.com
Robert Holson	(504) 613-6403	(504) 915-1704	Robert.holston@buzziunicemusa.com

City of New Orleans, Dept. of Public Works (N-7, 8, E-1,8,13, W-20, 30, 31, 34, 41, L-13, 18)			
Address	City Hall, 1300 Perdido St., Room 6W03 New Orleans, LA 70112	Primary Contact	
Remarks		Phone Number	(504) 658-8000
		FAX Number	(504) 658-8007
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Louis Haywood	(504) 658-8056	(504)-329-9555	lrhaywood@nola.gov
Nguyen Phan	(504) 658-8044	(504) 874-4019	nphan@nola.gov
Cheryn Robles	(504) 658-8046	(504)-657-9169	crobles@nola.gov
Keith LaGrange - Director	(504) 658-8003	(504) 281-9641space	Keith.LaGrange@nola.gov
City of New Orleans, Fire Department (W-20, 30, 31, 34, 41, E-1, 8, 13, N-7, 8 - All EB Road Gates)			
Address	118 City Park Avenue 317 Decatur Street New Orleans, LA 70130	Primary Contact	911 Warren McDaniel Center
Remarks	Communications Center now consolidated with Police, Fire and EMS. All emergency calls use 911, 911 takes precedence) This is for Police, Fire and EMS Emergencies. Non-Emergency (504) 821-2222 or 504-671-3939	Phone Number	(504) 671-3939 or 671-3600 #3 fire-911-
		FAX Number	(504) 671-3659 311 is answered at this PSAP also
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Chief Timothy McConnell	(504) 658-4710	(504) 799-5515	tmccconnell@nola.gov
Chief Roman Nelson	(504) 658-4721	(504) 628-0532	rnelson@nola.gov
Chief Robert Eiserloh	(504) 658-4720	(504) 799-5515	reiserloh@nola.gov
Chief Wanda Newsome	(504) 671-3665	(504) 312-0126	wnewsome@nola.gov

City of New Orleans, Emergency Operations Center (N-7, 8)			
Address	City Hall, 1300 Perdido St. Room 9W03 New Orleans, LA 70112	Primary Contact	(504) 658-8700 24/7 Duty Officer (504) 658-8725 (* Not a public number)
Remarks	Agency Primary Radio Channel: NG1 NG OEP-1 EMERGENCY 24/7 #: (504) 658-8725 DUTY LINE Agency Wide Email: NOOEP@nola.gov Alt. Emergencies: NOEOC@nola.gov	Phone Number	(504) 658-8700
		FAX Number	(504) 658-8701
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Aaron Miller	(504) 658-8703	(504) 818-8289	almler@nola.gov
Collin Arnold	(504) 658-2102	(504) 655-0110	cmarnold@nola.gov
Dav Jani	(504) 658-8713	(504) 940-7513	ddjani@nola.gov
Cara Stevens	(504) 658-8711	(504) 952-2448	clstevens@nola.gov
Thomas Schrilla	(504) 658-8717	(504) 232-6329	tpschrilla@nola.gov
Scott Rodrigue	(504) 658-8708	(504) 913-1703	sarodrigue@nola.gov
Oliver Zakrzewski	(504) 658-8704	(504) 444-6913	orzakrzewski@nola.gov
George Brown	(504)658-8716	(504) 940-8222	gbbrown@nola.gov
Greg Reece	(504) 658-8710	(504) 402-4778	gdreece@nola.gov
Carlos Muniz	(504) 658-8714	(504) 485-1451	cmuniz@nola.gov
Kim Bazile	(504) 658-8731	(504) 330-1251	kbazile@nola.gov
Kevin Williams	(504) 658-8712	(504) 940-7719	krwilliams@nola.gov
Adam Brickeen	(504) 658-2185	(504) 905-1396	ambrickeen@nola.gov
Ben Armstrong	(504) 658-8720	(504) 655-4405	bmarmstrong@nola.gov
Lori Duvernay	(504) 658-8705	(504) 292-0005	lfduvernay@nola.gov
Ryan Mast	(504) 658-8740/658-8743	(504) 655-0602	rcmast@nola.gov
Katrina Porter-Dean	(504) 658-9740/658-8742	(504) 940-8151	kpdean@nola.gov

City of New Orleans, Mayor's Office			
Address	1300 Perdido St. New Orleans, LA 70112	Primary Contact	
Remarks	Send all emails to Gloria Smith gsmith@nola.gov		
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
LaToya Cantrell, Mayor	(504) 658-4900		mayor@nola.gov
John Pourciau, Chief	(504) 658-4900		John.pourciau@nola.gov
City of New Orleans, Police Department			
Address	715 S. Broad St. New Orleans, LA 70119	Primary Contact	
Remarks		Phone Number	(504) 658-5455 (Records)
		FAX Number	(504) 658-5775 (Superintendent's Office)
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Supt. Shaun D. Ferguson	(504) 658-5757		sdferguson@nola.gov
Deputy Chief Paul Noel	(504) 658-5740		pmnoel@nola.gov
Non-Emergency Dispatch	(504) 821-2222		
Coastal Cargo Company			
Address	3500 Terminal Dr. New Orleans, LA 70115	Primary Contact	Kris Reed, General Manager kjr@coastalcargogroup.com
Remarks		Phone Number	(504) 587-1211 (504) 579-3907 (C)
		FAX Number	(504) 587-1201
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Roy Brupbacher	(504) 587-1222	(504) 228-9170	erb@coastalcargogroup.com
Kenny Burnsed	(504) 587-1218	(504) 579-2455	klb@coastalcargogroup.com
Urban Martinez	(504) 587-1215	(504) 264-4027	uam@coastalcargogroup.com
Errol Kerne	(504) 587-1248	(504) 224-1306	edk@coastalcargogroup.com

Continental Cement Co. (W- 14, 15)			
Address	2315 France St. New Orleans, LA 70129	Primary Contact	Zach Vancel, Terminal Manager Zach.vancel@continentalcement.com
Remarks		Phone Number	(504) 235-4988
		FAX Number	N/A
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Rickey Rosser	(504) 943-0674	(504) 442-7046	Rickey.rosser@continentalcement.com
Carrie Jenks		703-314-8913	Carrie.jenks@continentalcement.com
CSX Transportation Company (E-7, W-29, 32, 33, N-6)			
Address	6701 Almonaster Blvd New Orleans, LA 70126	Primary Contact	
Remarks	Alternate Email: atlnol@csx.com ; noyydm@csx.com	Phone Number	(800) 232-0144
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Tom Lobello	(504) 243-7816	(985) 778-1237	Tom_Lobello@csx.com
Blake Power	N/A	1 (228) 229-4173	Blake_Power@csx.com
Wendall Howard	(504) 244-4340	(270) 256-5297	Wendall_Howard@csx.com
Jeff Pacey	(504) 244-4340	(251) 370-0052	Jeff_pacey@csx.com
CSX Yardmaster	(504) 244-4330	N/A	nolydm@csx.com
Chief Train Dispatcher	(404) 720-2556	N/A	ATLCHIE@CSX.COM
EMDRC Partners, LLC (EB-72, 73, 74)			
Address	3330 North Causeway Blvd, Suite 400 Metairie, LA 70002	Primary Contact	Jeff Feilden
Remarks	Mr. Jeff Feilden will raise bridge at EB73	Phone Number	(504) 830-4209
		FAX Number	(504) 503-1368
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Jeff Feilden	(504) 830-4209	(504) 756-3398	jeff@mccgroup.com

Entergy (E-9, N-3, 4)			
Address	3601 Paris Rd. New Orleans, LA 70129	Primary Contact	
Remarks		Phone Number	(504) 436-5925 *Control Room Number
		FAX Number	(504) 436-5924
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Mark Pyle		(504) 258-5667	Mpyle2@entergy.com
Florida Ave Bridge (W-20, E-1)			
Address		Primary Contact	Chad Larkins
Remarks		Phone Number	
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Chad Larkins	(504) 528-3501	(504) 303-1430	Chad.larkins@portnola.com
Gulf Quality, Inc.			
Address	Packenham Rd. Violet, LA	Primary Contact	Van Robin
Remarks		Phone Number	
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Van Robin	(504)583-1717		oysterfisheries@aol.com
Heritage Crystal Clean			
Address	15146 Intracoastal Dr. New Orleans, LA 70129	Primary Contact	Tom Godin – Facility Manager Thomas.godin@crystal-clean.com
Remarks		Phone Number	(504) 254-4316 (O) (504) 342-6128 (C)
		FAX Number	(504) 254-2988
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Bill Bumm (Branch Manager)		(225) 975-2247	Bill.bumm@crystal-clean.com

Jackson Brewery (EB-55)			
Address	1350 Port of New Orleans Place New Orleans, LA 70130	Primary Contact	HDP Dispatch
Remarks		Phone Number	(504) 891-7585
		FAX Number	(504) 528-3384
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Chad Larkins	(504) 528-3501	(504) 303-1430	Chad.larkins@portnola.com
Judge Seeber (N. Claiborne Ave) Bridge (W-3)			
Address		Primary Contact	Bridge Tender
Remarks		Phone Number	(504) 253-6108
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Robert Hertle	(504) 253-6108	(504) 912-7803	Robert.Hertle@LA.GOV
The Kearney Companies (W-24, 25 25A, 25B)			
Address	4000 France Rd. New Orleans, LA 70126	Primary Contact	Bill Montelius
Remarks		Phone Number	(504) 945-4418
		FAX Number	(504) 831-7669
Contacts			
Name	Work Phone	Home/Cell	Other /Email dkearney@kearneycompanies.com
Bill Montelius	(504)945-4418	(504) 214-4250	wmonteliusjr@kearneycompanies.com
David Kearney	(504) 945-4418	(504) 312-2457	dkearney@kearneycompanies.com
Lakefront Airport Fuel Farm (L-15, 16)			
Address	5401 Lakeshore Dr. New Orleans, LA 70126	Primary Contact	Fred Pruitt
Remarks		Phone Number	
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Fred Pruitt	(504) 243-4010	(504) 259-8938	fpruitt@nfpama.com
Felton Suthon	(504) 355-5990	(504) 782-0458	Fsuthon@nolalakefront.com

Lafitte Frozen Foods Corporation			
Address	2521 Packenham rd. Violet, LA 70092	Primary Contact	Bobby "Capt. Bob" Samanie
Remarks		Phone Number	
		FAX Number	(504)304-4821
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Bobby "Capt. Bob" Samanie	(504) 304-4805		Captbob6888@aol.com
Wayne Reid	(504)858-4540		wayne@lffc.net
Municipal Yacht Harbor (L-1)			
Address	401 North Roadway New Orleans, LA 70124	Primary Contact	Taylor Casey tacasey@nola.gov
Remarks		Phone Number	(504) 283-9676 (504) 884-6990 (C)
		FAX Number	(504) 283-9699
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Wayne Bloom	(504) 283-9676	(504) -373-8834	whbloom@nola.gov
National Aeronautics & Space Administration - Michoud Assembly Facility			
Address	PO Box 29304 New Orleans, LA 70189	Primary Contact	Christopher Cambre
Remarks		Phone Number	(504) 257-1015
		FAX Number	(504) 257-5565
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Christopher Cambre	(504) 257-1015	(504) 257-1015	christoper.j.cambre@nasa.gov
Lionel J. Dutreix	(504) 257-1015	(228) 332-0984	lionel.j.dutreix@nasa.gov
New Orleans Lakefront Airport			
Address	6001 Stars & Stripes Blvd New Orleans, LA 70126	Primary Contact	Louis Capo
Remarks		Phone Number	(504) 355-5990
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Louis Capo	(504) 355-5990	(504) 874-0350	lcapo@nolalakefront.com
Daniel Hill	(504) 355-5990	(504) 782-0458	dhill@nolalakefront.com

New Orleans Steamboat Co. (EB-54, 55)			
Address	600 Decatur St, Suite 308 New Orleans, LA 70130	Primary Contact	
Remarks		Phone Number	(504) 586-8777
		FAX Number	(504) 587-0859
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Bill Wilson	(504) 587-0737	(504) 628-5160	bwilson@gltnosc.com
New Orleans Public Belt Railroad (N-1, E-7, 10, 12, W-29, 32, 33, 39 - All Railroad EB Gates)			
Address	4822 Tchoupitoulas St. New Orleans, LA 70115	Primary Contact	Trainmaster (On Duty) (504) 896-7444
Remarks		Phone Number	(504) 896-7442
		FAX Number	(504) 896-7439
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Carl Kocur	(504) 896-7423	(504) 655-4015	Vice-President - carl.kocur@railnola.com
Dean C. Giroir	(504) 896-7428	(504) 218-6705	Manager, Maintenance Facilities – dean.giroir@railnola.com
Bobby Franklin	(504) 896-7412	(504) 421-4172	Vice-President - bobby.franklin@railnola.com
Isaac McPherson	(504) 896-7447	(504) 813-7422	Superintendent of Transportation - isaac.mcpherson@railnola.com
Trish Haver	(504) 896-7460	(757) 262-9201	Vice-President, Strategy & Ind. Dev – trish.haver@railnola.com
Tomeka Watson Bryant	(504) 896-7446	(504) 352-0938	Manager, Marketing & Sales – tomeka.watson@railnola.com
Kim Turner	(504) 896-7430	(504) 701-1919	Manager, Community Affairs & Outreach kim.turner@railnola.com
Jeremy Bush	(504) 896-7461	(815) 662-5349	Manager, Operating Practices – jeremy.bush@railnola.com
Norfolk Southern Corp. (E-2, 14, W-21, 42, LCE-1, LCW-1, X-1)			
Address	2101 St. Ferdinand St. New Orleans, LA 70117	Primary Contact	Trainmaster (24 Hrs)
Remarks		Phone Number	(205) 451-6460
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
George Cavnac	(504) 942-3251	(504) 913-3279	George.cavnac@nscorp.com
Don Samples		(256) 656-7096	Don.samples@nscorp.com
Oliver Yard Tower	(504) 942-3268		

Orleans Marina (L-1, 2, 3, 4)			
Address	221 Lake Marina Dr. New Orleans, LA 70124	Primary Contact	Louis Capo
Remarks		Phone Number	(504) 355-5990
		FAX Number	(504) 355-5993
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Louis Capo	(504) 355-5990	(504) 874-0350	lcapo@nolalakefront.com
Daniel Hill	(504) 355-5990	(504) 782-0458	dhill@nolalakefront.com
Peninsula Condominiums (L-4)			
Address	8654 Pontchartrain Blvd, Unit 16 New Orleans, LA 70124	Primary Contact	
Remarks		Phone Number	
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Tommy Meric	(504) 324-9874	(504) 444-1801	tsmjrr@dumearch.com (504) 301-3615 (home)
Maureen Talley	(504) 283-2929	(504) 450-5169	peninsulacondominium@yahoo.com
Pontchartrain Landing (Near Gate W-41)			
Address	6001 France Rd. New Orleans, LA 70126	Primary Contact	
Remarks		Phone Number	Security (504) 286-8157
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Nate Gaarder		(504) 444-7054	nate@pontchartrainlanding.com

Port Cargo Service			
Address	1450 L & A Road Metairie, LA 70001	Primary Contact	(504) 891-9494
Remarks		Phone Number	(504) 897-3951
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Ronnie Brower	(504) 780-8642	(504) 382-0742	ronnie@portcargo.com
Peter Hosch	(504) 737-5457	(504) 382-3157	peter@portcargo.com
Peter Ward	(504) 738-5313	(504) 382-3156	peterw@portcargo.com
Kevin Kelly	(225) 473-9380	(504) 628-6000	kk@portcargo.com
Port of New Orleans (All EB access gates W-16 thru 20, W-24 thru 27, 30, 31, 34, 41, E-1, 8, 13, N-2)			
Address	1350 Port of New Orleans Place New Orleans, LA 70130	Primary Contact	HPD Dispatch
Remarks		Phone Number	(504) 891-7585
		FAX Number	(504) 528-3384
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Ronald Harper	(504) 351-6987	(504) 351-6987	Ronald.Harper@portnola.com
Chad Larkins	(504) 528-3412	(504) 303-1340	Chad.Larkins@portnola.com
John Guidry	(504) 528-3310	(504) 427-0777	John.Guidry@portnola.com
Bobby Landry	(504) 528-3262	(504) 473-4854	Bobby.Landry@portnola.com
Riverwalk Marketplace (EB-39, 40, 46)			
Address	500 Port of New Orleans Place, Suite 101 New Orleans, LA 70130	Primary Contact	
Remarks		Phone Number	(504) 522-1555 / 522-9088/265-1620 (504) 684-1937
		FAX Number	(504) 684-1954
Contacts			
Name	Work Phone	Home/Cell	Other/Email
Frank Quinn		(504) 715-5590	Frank.quinn@howardhughes.com

Sailboat Bay Apartments (L-4)			
Address	8600 Pontchartrain Blvd. New Orleans, LA 70124	Primary Contact	Leo Hodgins
Remarks		Phone Number	(504) 283-8800
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Leo Hodgins	(504) 283-8800	(985) 845-4690	(504) 319-8800 sailboatbayapts@gmail.com
Chris Hodgins	(504) 288-9493	(985) 373-1753	
Sen. Ted Hickey Bridge (L-13, 18) (LADOTD)			
Address	New Orleans, LA	Primary Contact	Bridge Tender
Remarks		Phone Number	(504) 912-7803
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Robert Hertle	(504) 253-6108	(504) 912-7803	Robert.Hertle@LA.GOV
Seabrook Railroad Bridge			
Address		Primary Contact	Chad Larkins
Remarks		Phone Number	
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Chad Larkins	(504) 528-3501	(504) 303-1430	Chad.larkins@portnola.com
Sewerage and Water Board of New Orleans - Drainage Dept. (West End Valves Bayou St. John Water Levels Outfall Canals W-20, W-30, E-1, E-4, N-7, S-1)			
Address	2800 Peoples Ave. New Orleans, LA 70122	Primary Contact	
Remarks	Contact "A" at 585-2420 and Central Control at 865-0575 whenever Gates N-5, E-5, W-27 and S-1 are being closed.	Phone Number	
		FAX Number	(504) 942-2959
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Gerald Tilton	(504) 942-2960	(504) 715-7075	gtilton@swbno.org
Eric Labat	(504) 865-0407	(504) 650-4488	elabat@swbno.org
Christopher Bergeron	(504) 865-0630	(225) 571-9119	cbergeron@swbno.org
Robert Turner	(504) 865-0409	(504) 421-7855	rturner@swbno.org

South Shore Harbor Marina (L-18)			
Address	6701 Stars & Stripes Blvd. New Orleans, LA 70126	Primary Contact	Louis Capo
Remarks		Phone Number	(504) 874-0350
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Louis Capo	(504) 355-5990	(504) 874-0350	lcapo@nolalakefront.com
Daniel Hill	(504) 355-5990	(504) 782-0458	dhill@nolalakefront.com
Southern Recycling (S-1, 2, 3)			
Address	4801 Florida Ave. New Orleans, LA 70117	Primary Contact	
Remarks		Phone Number	(504) 942-0340
		FAX Number	(504) 942-0533
Contacts			
Name	Work Phone	Home/Cell	Other /Email
24 hr. security post	(504) 323-3739		
Tyrone Johnson	(504) 942-0340	(504) 289-0935	N/A.....
Kasey Crooks	(504) 323-3750	(504) 210-7238	Kasey.crooks@emrgroup.com
Monica English	(504) 942-0377	(504) 858-9497	monica.english@emrgroup.com
Kevin Rayes	(504) 942-0359	(504) 289-6596	Kevin.Rayes@emrgroup.com
Marc Jaffe	(504) 942-0510	(850) 232-8581	mjaffe@emrgroup.com
Southern Yacht Club (L-1)			
Address	105 North Roadway New Orleans, LA 70124	Primary Contact	
Remarks		Phone Number	(504) 288-4200
		FAX Number	(504) 283-0621
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Ed Gaskell, GM	(504) 874-5999		edgaskell@southernyachtclub.org
Jim Brusgard	(609) 310-0298		Jim@southernyachtclub.org
Bob Kottler	(504) 251-5577		ckottler@gmail.com
Duff Friend	(504) 909-7351		dfriend@latterblum.com
Chris Wilke	(504) 289-9271		chriswilke@cox.net

Space & Naval Warfare Systems Center, Atlantic (L-10, 11, 12)			
Address	2251 Lakeshore Dr. Bldg 2 New Orleans, LA 70122	Primary Contact	George Womack (George.womack@navy.mil)
Remarks		Phone Number	(504) 697-5520 (O) (504) 247-4693 (C)
		FAX Number	(504) 697-5688
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Christopher Encardes			Christopher.encardes@navy.mil
Victoria Cooper			Victoria.e.cooper@navy.mil
Jessica Malone	(504) 697-1509	(254) 247-4011	Jessica.malone@navy.mil
SSCLANT NOLA Command Duty Officer	(504) 210-9895		cdo_ssclant_nola@navy.mil
St. Claude Ave Bridge			
Address	St. Claude Ave. New Orleans, LA	Primary Contact	Chad Larkins
Remarks		Phone Number	
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Chad Larkins	(504) 528-3501	(504) 303-1430	Chad.larkins@portnola.com
Textron Marine & Land Operations (N-7)			
Address	19401 Chef Menteur Hwy. New Orleans, LA 70129	Primary Contact	
Remarks		Phone Number	(985) 661-3600
		FAX Number	(985) 661-3694
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Brian Doherty	(504) 254-7221	(978) 502-8362	BDOHERTY@textronsystems.com
Rich Ledet	(985) 661-3664	(504) 235-4544	RLedet@TextronSystems.com
Brian Bonsall	(504) 254-6796	(512) 529-6163	<u>bbonsall@textronsystems.com</u>
Daniel Latournerie	(985) 661-3809	(985) 503-7744	dlatournerie@TextronSystems.com

TPK Holdings, LLC (Formerly Coastal Concrete Product (M-15))			
Address	15160 Intracoastal Dr. New Orleans, LA 70129	Primary Contact	
Remarks		Phone Number	(504) 254-2135
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Thomas Kilbride		(985) 960-0361	kilbridecdc@aol.com
Allen Warriner	(985) 445-3658	(985) 641-6243	mrshmaster@aol.com
Trinity Yachts, Inc. (W-40, 41)			
Address	4325 France Rd. New Orleans, LA 70126	Primary Contact	
Remarks		Phone Number	
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Stuart McClure		(504) 723-8120	
US Army Corps of Engineers, New Orleans, Emergency Operations Center (Outfall Canal Gates, Bayou Bienvenue (W-1, 2)			
Address	7400 Leake Ave. New Orleans, LA 70160	Primary Contact	
Remarks		Phone Number	(504) 862-1102
		FAX Number	(504) 865-7944
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Heath Jones	(504) 862-2426	(504) 975-0616	Heath.e.jones@usace.army.mil
US Coast Guard Base New Orleans			
Address	1790 Saturn St. New Orleans, LA 70129	Primary Contact	Brandon Benton (Brandon.j.benton@uscg.mil)
Remarks		Phone Number	(504) 253-4532
		FAX Number	
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Officer of Day	(504) 329-1969		24/7

US Coast Guard Sector New Orleans			
Address	200 Hendee St. New Orleans, LA 70114	Primary Contact	
Remarks	Command Center 24/7 1-800-874-2153	Phone Number	(504) 365-2200
		FAX Number	(504) 365-2216
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Sector Commander Deputy Sector Commander	(504) 365-2211		Sector Command Secretary: (504) 365-2211
US Fish and Wildlife Service (Bayou Sauvage NWR) (All valves along South Pt. – GIWW Levee N-7, 8)			
Address	61389 Hwy 434 LaCombe, LA 70445	Primary Contact	Shelley Stiaes
Remarks	Shelley_stiaes@fws.gov	Phone Number	(985) 285-0060
		FAX Number	(985) 882-9133
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Pon Dixon	(985) 882-2014	(985) 285-3613	pon_dixon@fws.gov
US Gypsum Company (E-11)			
Address	5701 Lewis Rd. New Orleans, LA 70126	Primary Contact	
Remarks		Phone Number	(504) 241-2020
		FAX Number	(504) 245-0174
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Keith Fournier	(504) 293-6332	(504) 305-0574	(630) 303-7745 kfournier@usg.com
Carey Snell	(504) 293-6352	(504) 455-5918	(504) 858-9786 csnell@usg.com
Walter Gonzalez	(504) 293-6381		(504) 813-6745 wgonzalez@usg.com
David Romagosa	(504) 293-6308	(504) 756-9229	dromagosa@usg.com

TRANSDEVELOPMENT (Regional Transit Authority) (All roadway gates effecting RTA)			
Address	2817 Canal St. New Orleans, LA 70119	Primary Contact	Jennifer Fehribach, Chief Operating Officer Jfehribach@rtaforward.org
Remarks		Phone Number	(504) 827-8356 (504) 232-1933 - cell
		FAX Number	
Contacts			
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Robert Hickman Director of System Security	(504) 827-8394	(504) 259-8776	rhickman@rtaforward.org
Michael Smith Chief Safety Officer	(504) 827-8320	(504) 512-3295	mjsmith@rtaforward.org
Brandon Manson Safety & Claims Manager	(504) 827-8386	(504) 583-0696	bmason@rtaforward.org
Alex Wiggins Chief Executive Officer	(504) 827-8303	(504) 782-8339	awiggins@rtaforward.org
Katherine Felton Chief of Staff	(504) 827-8392		kfelton@rtaforward.org
Vulcan Materials Co. (M-8, 9)			
Address	2400 Veterans Memorial Blvd., Suite 105 Kenner, LA 70062	Primary Contact	
Remarks		Phone Number	(504) 464-7625
		FAX Number	(504) 464-7660
Contacts			
Name	Work Phone	Home/Cell	Other /Email
Gordon Leitz	(504) 464-7625	(504) 415-7207	leitzg@vmcmail.com
Anthony Guidroz	(504) 464-7625	(504) 402-3454	guidroza@vmcmail.com
Troy Davis	(504) 464-7625	(504) 415-3298	davist@vmcmail.com

APPENDIX 6a

Floodgate Data



FLOODGATE DATA TABLES ORLEANS PARISH

17th St Canal, East Bank						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
X-1	SW	17th St Canal levee gap at Southern RR near S&WB P.S. #6	22.50	5.00	8.54	Norfolk Southern Corp.
		<i>Lat. 29.98758269 / Long. -90.12373676</i>	<i>Time needed to close: 20 min.</i>		<i>Materials needed: 3 personnel</i>	
X-2	SW	North side I-10 @ 17th St Canal	3.0	3.0	11.47	Flood Protection Authority – East
		<i>Lat. 29.99559134 / Long. -90.12326796</i>	<i>Time needed to close: 15 min.</i>		<i>Materials needed: 2 personnel</i>	
X-3	SW	South side I-10 @ 17th St Canal	5.0	3.0	8.95	Flood Protection Authority – East
		<i>Lat. 29.99633037 / Long. -90.12321322</i>	<i>Time needed to close: 15 min.</i>		<i>Materials needed: 2 personnel</i>	
X-4	SW	South side Vets Hwy @ 17th St Canal	5.00	9.2	6.11	Flood Protection Authority – East
		<i>Lat. 29.99978414 / Long. -90.12298549</i>	<i>Time needed to close: 15 min.</i>		<i>Materials needed: 2 personnel</i>	
X-5	SW	North side Vets Hwy @ 17th St Canal	5.00	8.0	4.97	Flood Protection Authority – East
		<i>Lat. 30.00016727 / Long. -90.12294064</i>	<i>Time needed to close: 15 min.</i>		<i>Materials needed: 2 personnel</i>	

IHNC, East Bank						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
E-1	OH	Across Florida Ave roadway	40.00	11.10	1.09	City of N. O., Dept. of Public Works, Port of New Orleans
		<i>Lat. 29.980193 / Long. -90.020742</i>	<i>Time needed to close: 35 min.</i>		<i>Materials needed: Bobcat/Bucket truck, 4 personnel</i>	
E-2	SW	Florida Avenue R/R	21.0	4.40	8.04	Norfolk Southern Corp.
		<i>Lat. 29.980665 / Long. -90.020395</i>	<i>Time needed to close: 20 min.</i>		<i>Materials needed: 3 personnel</i>	
E-3	OH	Across entrance to American Marine Corp. yard from Jourdan Rd (approx. 2,150 ft. south of Almonaster)	20.00	5.50	7.14	Port of New Orleans
		<i>Lat. 29.998895 / Long. -90.020419</i>	<i>Time needed to close: 20 min.</i>		<i>Materials needed: 4 personnel</i>	
E-4	OH	Across entrance to American Marine Corp. yard from Jourdan Rd (approx. 1,450 ft. south of Almonaster)	20.00	5.60	7.06	Port of New Orleans
		<i>Lat. 30.000735 / Long. -90.021083</i>	<i>Time needed to close: 20 min.</i>		<i>Materials needed: 4 personnel</i>	
E-5	OH	Across railroad tracks to American Marine Corp yard from Jourdan Rd (approx. 600 ft. south of Almonaster)	17.00	5.60	6.89	Port of New Orleans
		<i>Lat. 30.003032 / Long. -90.021757</i>	<i>Time needed to close: 20 min.</i>		<i>Materials needed: 4 personnel</i>	
E-6	OH	Across north yard entrance to Jourdan Rd. at Almonaster Ave. American Marine Corp. from	20.00	5.10	7.46	Port of New Orleans
		<i>Lat. 30.004512 / Long. -90.022592</i>	<i>Time needed to close: always closed</i>		<i>Materials needed: 4 personnel</i>	
E-7	OH	Across L&N RR tracks adjacent to I-10	37.25	5.40	7.19	CSX Transportation Company
		<i>Lat. 30.00491 / Long. -90.025217</i>	<i>Time needed to close: 30 min. (R&R)</i>		<i>Materials needed: 5 personnel, 4 sandbags</i>	

PC – Permanent Closed (R&R) – Railroad

Appendix 6a - 1

Gate types: DS - Double swing FL – Flap MS - Miter swing OH – Overhead RM – Removable SC – Sluice SG - Sector gate SL – Slide ST - Stop logs SW – Swing LG – Lift gate

E-8	OH	Across Old Gentilly Rd under I-10	35.00	5.70	6.97	Almonaster Ave. Bridge, City of NO, Port of NO
		Lat. 30.00509 / Long. -90.024986	Time needed to close: 30 min.			Materials needed: 5 personnel
E-9	OH	Across Entergy wharf access road from Jourdan Rd (A.B. Patterson Elect. Generating Station)	15.00	5.10	7.51	Entergy
		Lat. 30.016105 / Long. -90.028072	Time needed to close: 20 min.			Materials needed: 4 personnel
E-10	OH	Across NOPBRR tracks along Jourdan Rd at Dwyer Rd	17.00	7.40	4.59	N.O. Public Belt Railroad
		Lat. 30.017123 / Long. -90.027054	Time needed to close: 20 min.			Materials needed: 4 personnel
E-11	OH	Across entrance to US Gypsum Co. from Jourdan Rd.	20.00	6.90	4.79	U.S. Gypsum Company
		Lat. 30.021949 / Long. -90.028582	Time needed to close: 15 min.			Materials needed: 4 personnel
E-12	SW	Across NOPBRR tracks along Jourdan Rd. approx. 500 ft. north of US Gypsum overhead conveyor system	17.00	9.90	1.45	N.O. Public Belt Railroad
		Lat. 30.023505 / Long. -90.029103	Time needed to close: 15 min. (R&R)			Materials needed: 4 personnel, 4 sandbags
E-13	OH	Across Haynes Blvd. by Jourdan Rd.	30.00	13.00	-1.75	City of New Orleans, Dept. of Public Works
		Lat. 30.031629 / Long. -90.031364	Time needed to close: 30 min.			Materials needed: 5 personnel
E-14	SW	Across Southern RR tracks vicinity of Jourdan Rd. and Haynes Blvd.	33.00	2.90	8.69	Norfolk Southern Corp., AMTRAK
		Lat. 30.032022 / Long. -90.031635	Time needed to close: 20 min. (R&R)			Materials needed: 4 personnel, 4 sandbags

IHNC, West Bank						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
W-01	OH	On US Coast Guard Reservation to north end of IHNC Lock	20.00	12.10	2.08	USACE, US Coast Guard
		Lat. 29.966481 / Long. -90.027447	Time needed to close: 20 min.			Materials needed: 4 personnel
W-02	OH	At N. Robertson St. entrance to Coast Guard Station	20.00	10.70	1.76	USACE, US Coast Guard
		Lat. 29.968023 / Long. -90.026966	Time needed to close: 20 min			Materials needed: 4 personnel
W-03	SW	Across NOPBRR tracks for Galvez St. Wharf under N. Claiborne Ave Bridge	17.00	8.90	3.56	DOTD
		Lat. 29.969084 / Long. -90.026637	Time needed to close: 15 min.			Materials needed: 3 personnel
W-04	OH	At south end of Galvez St. Wharf across vehicle access	20.00	9.00	3.71	Flood Protection Authority – East
		Lat. 29.970466 / Long. -90.026644	Time needed to close: 20 min			Materials needed: 4 personnel
W-05	SW	At south end of Galvez St. Wharf across railroad access land side	17.00	12.00	0.61	Flood Protection Authority – East
		Lat. 29.970502 / Long. -90.026693	Time needed to close: 15 min.			Materials needed: 3 personnel
W-06	OH	At N. Galvez St. entrance to Galvez St. Wharf	30.00	12.60	0.19	Flood Protection Authority – East
		Lat. 29.974348 / Long. -90.025437	Time needed to close: 35 min.			Materials needed: 5 personnel

Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
W-07	FL	77 ft x 5.8 ft flap gate in American Steel	77.00	5.80	7.37	Port of New Orleans
		Lat. 29.97666517 / Long. -90.02520422	Time needed to close: 35 min.			Materials needed: 3 personnel & machine to lower gates
W-08	FL	65 ft x 3.1 ft flapgate in American Steel	65.00	3.10	9.99	Port of New Orleans
		Lat. 29.97686072 / Long. -90.02547855	Time needed to close: 35 min.			Materials needed: 3 personnel & machine to lower gates
W-09	FL	65 ft x 3.1 ft flapgate in American Steel	65.00	3.10	9.95	Port of New Orleans
		Lat. 29.97696868 / Long. -90.02573471	Time needed to close: 35 min.			Materials needed: 3 personnel & machine to lower gates
W-10	FL	65 ft x 3.1 ft flapgate in American Steel	65.00	3.10	9.90	Port of New Orleans
		Lat. 29.97703976 / Long. -90.02584191	Time needed to close: 35 min.			Materials needed: 3 personnel & machine to lower gates
W-11	FL	65 ft x 3.1 ft flapgate in American Steel	65.00	3.10	9.87	Port of New Orleans
		Lat. 29.97704898 / Long. -90.02604936	Time needed to close: 35 min.			Materials needed: 3 personnel & machine to lower gates
W-12	OH	Across railroad tracks in American Steel	18.00	9.80	2.90	Port of New Orleans
		Lat. 29.977084 / Long. -90.026388	Time needed to close: 20 min			Materials needed: 4 personnel
W-13	OH	Across dock access road adjacent to smoke stack	15.00	6.80	5.76	
		Lat. 29.977404 / Long. -90.02631	Time needed to close: 20 min.			Materials needed: 4 personnel
W-14	OH	Across railroad and vehicle access road north side rock storage bin	20.00	6.00	6.47	Continental Cement Co
		Lat. 29.977893 / Long. -90.026089	Time needed to close: 20 min.			Materials needed: 4 personnel
W-15	OH	Across dock access road south side Florida Ave. Wharf	20.00	6.40	6.22	Continental Cement Co
		Lat. 29.978642 / Long. -90.025882	Time needed to close: 20 min.			Materials needed: 4 personnel
W-16	OH	Across south entrance to Florida Ave. Wharf from France Rd.	20.00	7.00	5.48	Port of New Orleans
		Lat. 29.978875 / Long. -90.026217	Time needed to close: 20 min.			Materials needed: 4 personnel
W-17	SW	Across NOPBRR tracks north end Florida Ave. Wharf	17.00	9.80	2.72	Port of New Orleans
		Lat. 29.97666517 / Long. -90.02520422	Time needed to close: 15 min.			Materials needed: 3 personnel
W-18	OH	Across vehicle entrance north end Florida Ave. Wharf	20.00	6.90	5.81	Port of New Orleans
		Lat. 29.980143 / Long. -90.025629	Time needed to close: 20 min.			Materials needed: 4 personnel
W-19	OH	Across vehicle entrance to site to end of Florida Ave Wharf	20.00	9.50	3.09	Port of New Orleans
		Lat. 29.980266 / Long. -90.025316	Time needed to close: 20 min.			Materials needed: 4 personnel
W-20	OH	Across Florida Ave. roadway	40.00	12.50	0.07	City of New Orleans, Dept. of Public Works, Port of NO
		Lat. 29.98084 / Long. -90.023833	Time needed to close: 30 min.			Materials needed: 5 personnel
W-21	SW	Across Southern Railway System & NOPBRR tracks at Florida Ave.	29.00	4..70	7.57	Norfolk Southern Railroad
		Lat. 29.98125 / Long. -90.02354	Time needed to close: 20 min. (R&R)			Materials needed: 4 personnel, 4 sandbags
W-22	SW	Across Harbor Road	31.70	7.40	4.92	Port of New Orleans, Flood Protection Authority – East
		Lat. 29.981331 / Long. -90.02294	Time needed to close: 25 min.			Materials needed: 4 personnel

PC – Permanent Closed (R&R) – Railroad

Appendix 6a - 3

Gate types: DS - Double swing FL – Flap MS - Miter swing OH – Overhead RM – Removable SC – Sluice SG - Sector gate SL – Slide ST - Stop logs SW – Swing LG – Lift gate

Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
W-23	SW	North of S&WB Pump Station No. 19	18.70	4.80	7.56	Sewerage and Water Board
		Lat. 29.9821 / Long. -90.023025	Time needed to close: 20 min.			Materials needed: 3 personnel
W-24	SL	Across France Rd Wharf south entrance	45.00	2.70	9.94	Port of New Orleans, The Kearney Company
		Lat. 29.982333 / Long. -90.022915	Time needed to close: 20 min.			Materials needed: 3 personnel, bobcat, & operator
W-25	SL	Across France Rd Wharf north entrance	45.00	2.70	9.73	Port of New Orleans, The Kearney Company
		Lat. 29.984258 / Long. -90.022398	Time needed to close: 20 min.			Materials needed: 3 personnel, Bobcat/operator
W-26	SW	Along levee between IHNC and France Rd raising next to Universal Maritime	27.00	6.90	6.13	Port of New Orleans, The Kearney Company
		Lat. 29.984501 / Long. -90.022815	Time needed to close: 20 min.			Materials needed: 4 personnel
W-27	SW	Along levee between IHNC and France Rd raising next to Universal Maritime	27.00	7.00	6.17	Port of New Orleans, The Kearney Company
		Lat. 29.985029 / Long. -90.024975	Time needed to close: 20 min.			Materials needed: 4 personnel
W-28	SL	France Road Hump By W-29	36.00	6.98	8.02	Port of New Orleans
		Lat. 29.985486 / Long. -90.027094	Time needed to close: 40 min.			Materials needed: 4 personnel, Bobcat/operator
W-29	SW	Across NOPBRR tracks on France Rd north of Florida Ave.	17.00	9.70	2.80	N.O. Public Belt Railroad
		Lat. 29.985451 / Long. -90.027301	Time needed to close: 15 min. (R&R)			Materials needed: 4 personnel, 4 sandbags
W-30	OH	Across Benefit St extension (France Rd Pkwy) at France Rd	39.00	9.50	3.79	Port of New Orleans, City of NO, Dept. of Public Works
		Lat. 29.987193 / Long. -90.026843	Time needed to close: 30 min.			Materials needed: 5 personnel
W-31	OH	Across Benefit St extension (France Rd Pkwy) at France Rd	39.00	9.50	3.80	Port of New Orleans, City of NO, Dept. of Public Works
		Lat. 29.98084 / Long. -90.023833	Time needed to close: 30 min.			Materials needed: 5 personnel
W-32	OH	Across NOPBRR tracks on France Rd south of Almonaster Ave	17.00	9.10	3.34	N.O. Public Belt Railroad
		Lat. 29.98084 / Long. -90.023833	Time needed to close: 20 min. (R&R)			Materials needed: 4 personnel, 4 sandbags
W-33	OH	Across L&N RR tracks adjacent to I-10 bridge	32.50	5.70	6.72	CSX Transportation Company, N.O. Public Belt Railroad
		Lat. 29.98084 / Long. -90.023833	Time needed to close: 30 min. (R&R)			Materials needed: 5 personnel, 4 sandbags
W-34	OH	Across Old Gentilly Rd under I-10 Bridge	30.00	8.70	3.63	City of NO, Dept. of Public Works, Port of New Orleans
		Lat. 29.98084 / Long. -90.023833	Time needed to close: 30 min.			Materials needed: 5 personnel (only open for contractor)
W-35	SW	Across LA Materials yard	22.50	4.40	8.00	Canal Fleet
		Lat. 29.98084 / Long. -90.023833	Time needed to close: 30 min.			Materials needed: 4 personnel
W-36	SW	Across material access road in LA Materials yard	22.00	3.00	9.21	Canal Fleet
		Lat. 29.98084 / Long. -90.023833	Time needed to close: 30 min.			Materials needed: 4 personnel
W-37	SW	Across material access road in LA Materials yard	22.00	3.10	9.28	Canal Fleet
		Lat. 29.98084 / Long. -90.023833	Time needed to close: 30 min.			Materials needed: 4 personnel

PC – Permanent Closed (R&R) – Railroad

Appendix 6a - 4

Gate types: DS - Double swing FL – Flap MS - Miter swing OH – Overhead RM – Removable SC – Sluice SG - Sector gate SL – Slide ST - Stop logs SW – Swing LG – Lift gate

W-38	SW	Across material access road in LA Materials yard	22.00	3.10	9.30	Canal Fleet
		Lat. 29.98084 / Long. -90.023833	Time needed to close: 20 min.			Materials needed: 4 personnel
W-39	OH	Across NOPBRR tracks on France Rd at US Hwy 90	17.00	6.70	5.69	N.O. Public Belt Railroad
		Lat. 29.98084 / Long. -90.023833	Time needed to close: 20 min. (R&R)			Materials needed: 4 personnel, 4 sandbags
W-40	OH	Across main entrance to Equitable Shipyards from France Rd	20.00	6.50	5.90	Trinity Yachts, Inc.
		Lat. 30.008547 / Long. -90.030018	Time needed to close: 20 min.			Materials needed: 4 personnel
W-41	SW	France Rd near Haynes Blvd	20.00	4.50	8.49	City of New Orleans, Dept. of Public Works, Port of NO
		Lat. 30.029503 / Long. -90.037201	Time needed to close: 25 min.			Materials needed: 4 personnel
W-42	SW	Across railroad tracks (Southern) by Seabrook Bridge	33.00	9.0	6.84	Norfolk Southern Corp., AMTRAK
		Lat. 30.030735 / Long. -90.036886	Time needed to close: 30 min. (R&R)			Materials needed: 4 personnel, 4 sandbags
W-43	SW	Seabrook (Boat Launch Road)	28.00	6.6	9.72	Flood Protection Authority – East
		Lat. 30.030977 / Long. -90.037022	Time needed to close: 25 min.			Materials needed: 4 personnel

Lakefront						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
L-1	SL	Across Lake Marina Dr./West Roadway	64.00	8.20	6.95	Orleans Marina, Municipal Yacht Harbor, Southern Yacht Club
		Lat. 30.02198495 / Long. --90.11929301	Time needed to close: 30 min.			Materials needed: 4 personnel, Bobcat/Operator
L-2	SW	Across west entrance to Orleans Marina parking lot	24.00	12.8	3.02	
		Lat. 30.02180424 / Long. -90.11757706	Time needed to close: 30 min.			Materials needed: 4 personnel
L-3	SW	Across east entrance to Orleans Marina	24.00	12.8	2.92	Orleans Marina
		Lat. 30.02182854 / Long. -90.1166714	Time needed to close: 30 min.			Materials needed: 4 personnel
L-4	SL	Pontchartrain Blvd at Lake Marina Dr.	30.00	12.0	4.09	Peninsula Condominiums, Sailboat Bay
		Lat. 30.0220681 / Long. -90.11437777	Time needed to close: 30 min.			Materials needed: 4 personnel, Bobcat/Operator
L-5	SL	Lakeshore Dr. at Lake Marina Dr.	60.00	10.4	5.56	Lighthouse Harbor
		Lat. 30.02191756 / Long. -90.11350874	Time needed to close: 40 min.			Materials needed: 4 personnel, Bobcat/Operator
L-6	MS	Marconi Dr.	38.00	5.20	11.36	Flood Protection Authority – East
		Lat. 30.0280563 / Long. -90.09627915	Time needed to close: 35 min.			Materials needed: 5 personnel
L-7	MS	Lakeshore Dr. & Rail St.	83.2	2.7	15.19	Flood Protection Authority – East
		Lat. 30.0275 / Long. -90.0886666	Time needed to close: 35 min.			Materials needed: 5 personnel
L-8	SG	Bayou St. John Sector Gates	30.00	24.75	-9.35	Flood Protection Authority – East
		Lat. 30.024267 / Long. -90.082825	Time needed to close: 45 min.			Materials needed: 5 personnel
L-9	MS	Lakeshore Dr. Lake Terrace	68.0	4.2	14.11	Flood Protection Authority – East
		Lat. 30.0308611 / Long. -90.0756111	Time needed to close: 45 min.			Materials needed: 5 personnel
L-10	SW	West side Pontchartrain Beach	30.00	5.60	12.09	UNO
		Lat. 30.03206855 / Long. -90.06497299	Time needed to close: 30 min.			Materials needed: 4 personnel

PC – Permanent Closed (R&R) – Railroad

Gate types: DS - Double swing FL – Flap MS - Miter swing OH – Overhead RM – Removable SC – Sluice SG - Sector gate SL – Slide ST - Stop logs SW – Swing LG – Lift gate

L-11	SW	Middle Pontchartrain Beach	30.00	6.90	11.90	UNO
		Lat. 30.03261513 / Long. -90.06181553	Time needed to close: 30 min.			Materials needed: 4 personnel
L-12	SW	East side Pontchartrain Beach	30.00	5.60	11.95	UNO
		Lat. 30.0326308 / Long. -90.05828993	Time needed to close: 30 min.			Materials needed: 4 personnel
L-13	MS	Lakeshore Dr. west of Seabrook	34.00	5.90	10.67	Flood Protection Authority – East, City of New Orleans
		Lat. 30.0316202 / Long. -90.03890569	Time needed to close: 35 min.			Materials needed: 4 personnel
L-14	SG	Seabrook Sector Gate	95.0		-18.0	Flood Protection Authority – East-PONO
		Lat. 30.030977 / Long. -90.037022	Time needed to close: 2 hours			Materials needed: 4 personnel
L-15	SW	Across south service road to Fuel Farm site	32.00	6.40	4.78	Lakefront Airport
		Lat. 30.030977 / Long. -90.037022	Time needed to close: 30 min.			Materials needed: 4 personnel
L-16	SW	Across north service road to Fuel Farm site	26.00	7.80	3.48	Lakefront Airport
		Lat. 30.030977 / Long. -90.037022	Time needed to close: 30 min.			Materials needed: 4 personnel
L-17	SW	Across entrance to Lakefront Airport at Downman Rd and Lakeshore Dr	22.00	6.00	2.53	Lakefront Airport
		Lat. 30.030977 / Long. -90.037022	Time needed to close: 30 min.			Materials needed: 4 personnel
L-18	SL	Across Stars & Stripes Blvd at main entrance to Lakefront Airport	66.00	11.60	-0.02	Lakefront Airport
		Lat. 30.030977 / Long. -90.037022	Time needed to close: 40 min.			Materials needed: 5 personnel, frontend loader/operator
L-19	SL	Downman Road and Airport	64.4	19.1	-4.04	Flood Protection Authority – East/Airport
		Lat. 30.030977 / Long. -90.037022	Time needed to close: 1 hour 20 min.			Materials needed: 6 personnel, Bobcat/operator
L-20	SL	Across main entrance to Lincoln Beach on Hayne Blvd side	32.00	16.73	-1.23	City of New Orleans
		Lat. 30.030977 / Long. -90.037022	Time needed to close: 40 min.			Materials needed: 5 personnel, Bobcat/operator

London Ave. Canal - East Bank						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
LCE-1	SW	London Ave. Canal east side at RR crossing north of Pumping Sta. No. 3	34	2.8	9.56	Norfolk Southern Corp.
		Lat. 29.9888595 / Long. -90.06771681	Time needed to close: 20 min. (R&R)			Materials needed: 4 personnel
LCE-2	SW	London Ave. Canal east side at Mirabeau Ave. Bridge	5	7.8	4.8	Flood Protection Authority – East
		Lat. 30.00742684 / Long. -90.06931306	Time needed to close: 15 min.			Materials needed: 3 personnel
LCE-3	SW	London Ave. Canal east side at Mirabeau Ave. Bridge	5	8.3	5.32	Flood Protection Authority – East
		Lat. 30.00775902 / Long. -90.06937676	Time needed to close: 15 min.			Materials needed: 3 personnel
LCE-4	SW	London Ave. Canal east side at Filmore Ave. Bridge	5	8.3	4.36	Flood Protection Authority – East
		Lat. 30.01167462 / Long. -90.06969821	Time needed to close: 15 min.			Materials needed: 3 personnel

PC – Permanent Closed (R&R) – Railroad

Gate types: DS - Double swing FL – Flap MS - Miter swing OH – Overhead RM – Removable SC – Sluice SG - Sector gate SL – Slide ST - Stop logs SW – Swing LG – Lift gate

LCE-5	SW	London Ave. Canal east side at Filmore Ave. Bridge	5	8.9	3.91	Flood Protection Authority – East
		<i>Lat. 30.01199808 / Long. -90.06972939</i>	<i>Time needed to close: 15 min.</i>			<i>Materials needed: 3 personnel</i>
LCE-6	SW	London Ave. Canal east side at Leon C. Simon Bridge	5	7.8	4.93	Flood Protection Authority – East
		<i>Lat. 30.02329202 / Long. -90.07049633</i>	<i>Time needed to close: 15 min.</i>			<i>Materials needed: 3 personnel</i>

London Ave. Canal - West Bank						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
LCW-01	SW	London Ave. Canal west side at RR crossing north of Pumping Sta. No. 3	34	2.7	9.71	Norfolk Southern Corp.
		<i>Lat. 29.98901993 / Long. -90.06829072</i>	<i>Time needed to close: 20 min. (R&R)</i>			<i>Materials needed: 4 personnel</i>
LCW-02	SW	Mirabeau & London Canal	5	7.8	4.82	Flood Protection Authority – East
		<i>Lat. 30.00741452 / Long. -90.06980516</i>	<i>Time needed to close: 15 min.</i>			<i>Materials needed: 3 personnel</i>
LCW-03	SW	Mirabeau & London Canal	5	8.3	4.29	Flood Protection Authority – East
		<i>Lat. 30.00771602 / Long. -90.06978932</i>	<i>Time needed to close: 15 min.</i>			<i>Materials needed: 3 personnel</i>
LCW-04	SW	Filmore & London Canal	5	8.3	4.45	Flood Protection Authority – East
		<i>Lat. 30.01167764 / Long. -90.07016994</i>	<i>Time needed to close: 15 min.</i>			<i>Materials needed: 3 personnel</i>
LCW-05	SW	Filmore & London Canal	5	7.8	4.88	Flood Protection Authority – East
		<i>Lat. 30.011978 / Long. -90.070147</i>	<i>Time needed to close: 15 min.</i>			<i>Materials needed: 3 personnel</i>

Michoud Canal						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
M-01	OH	W/L Station 13+98 Tract 3	20	8.2	10.79	Flood Protection Authority – East
		<i>Lat. 30.034925 / Long. -89.898658</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
M-02	OH	W/L Station 17+72 Tract 2A-2B	20	8.2	10.59	Flood Protection Authority – East
		<i>Lat. 30.033451 / Long. -89.898732</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
M-03	OH	W/L Station 34+59 Tract 4	20	8.2	10.56	Products & Chemicals, Inc. (Air Products)
		<i>Lat. 30.030403 / Long. -89.902682</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
M-04	SW	W/L Station 43+59 Tract 4	12	8	10.34	Products & Chemicals, Inc. (Air Products)
		<i>Lat. 30.02859 / Long. -89.904579</i>	<i>Time needed to close: 15 min.</i>			<i>Materials needed: 3 personnel</i>
M-05	OH	W/L Station 46+38 Tract 5	20	8.2	10.06	Buzzi-Unicem
		<i>Lat. 30.027807 / Long. -89.904576</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
M-06	OH	W/L Station 52+76 Tract 5	20	8.2	9.56	Buzzi-Unicem
		<i>Lat. 30.026111 / Long. -89.90452</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>

PC – Permanent Closed (R&R) – Railroad

Appendix 6a - 7

Gate types: DS - Double swing FL – Flap MS - Miter swing OH – Overhead RM – Removable SC – Sluice SG - Sector gate SL – Slide ST - Stop logs SW – Swing LG – Lift gate

M-07	OH	W/L Station 56+46 Tract 5	20	8.2	9.22	Buzzi-Unicem
		<i>Lat. 30.025065 / Long. -89.904548</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
M-08	OH	W/L Station 64+00 Tract 6A	20	8.2	10.29	Vulcan Materials Co.
		<i>Lat. 30.022964 / Long. -89.904467</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
M-09	OH	W/L Station 66+15 Tract 6B	20	8.2	10.36	Vulcan Materials Co.
		<i>Lat. 30.022343 / Long. -89.904461</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
M-10	OH	W/L Station 73+06 Tract 8	20	8.2	10.61	Unknown
		<i>Lat. 30.020471 / Long. -89.904448</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
M-11	OH	W/L Station 75+20 Tract 9	20	8.2	10.6	Unknown
		<i>Lat. 30.019919 / Long. -89.904435</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
M-12	OH	W/L Station 78+26 Tract 10	20	8.2	10.54	Vacant
		<i>Lat. 30.019004 / Long. -89.904441</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
M-13	OH	W/L Station 79+59 Tract 11	20	8.2	10.56	U.S. Filter
		<i>Lat. 30.018632 / Long. -89.904442</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
M-14	OH	W/L Station 80+69 Tract 12	20	8.2	10.36	Vacant
		<i>Lat. 30.018383 / Long. -89.90435</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
M-15	OH	W/L Station 87+13 Tract 13B	20	8.2	9.99	Coastal Concrete Products (Acergy, Inc).
		<i>Lat. 30.016763 / Long. -89.90401</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
M-16	OH	W/L Station 93+15 Tract 13B	20	8.2	9.91	Flood Protection Authority – East
		<i>Lat. 30.016547 / Long. -89.902229</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>

Miss River, East Bank						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
EB-01	SW	Nashville Ave Wharf	20	5.7	17.45	N.O. Public Belt Railroad
		<i>Lat. 29.91512356 / Long. -90.12028869</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
EB-02	SL	Nashville Ave Wharf	60	4.3	19.00	Port Cargo Service
		<i>Lat. 29.91487814 / Long. -90.11853285</i>	<i>Time needed to close: 30 min.</i>			<i>Materials needed: 4 personnel; ; frontend loader/operator</i>
EB-03	SW	Valmont St	17	7	16.30	Port of New Orleans
		<i>Lat. 29.91442694 / Long. -90.11407251</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
EB-04	SW	Duffossat St	20	8.2	15.03	Port of New Orleans
		<i>Lat. 29.9149162 / Long. -90.11134621</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
EB-05	SW	Duffossat St	17	8.3	14.99	N.O. Public Belt Railroad
		<i>Lat. 29.9151104 / Long. -90.11092661</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
EB-06	SW	Lyons St	17	9.4	14.04	N.O. Public Belt Railroad
		<i>Lat. 29.91533479 / Long. -90.10584801</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>

Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
EB-07	SL	Jena St	60	9.5	13.68	Port of New Orleans
		<i>Lat. 29.91565598 / Long. -90.10288694</i>	<i>Time needed to close: 30 min.</i>			<i>Materials needed: 4 personnel</i>
EB-08	SW	Jena St	4	7.1	17.39	Port of New Orleans
		<i>Lat. 29.91567115 / Long. -90.10241177</i>	<i>Time needed to close: 15 min.</i>			<i>Materials needed: 2 personnel</i>
EB-09	SW	Napoleon Ave	36	5.9	17.22	Port of New Orleans
		<i>Lat. 29.91550519 / Long. -90.10106497</i>	<i>Time needed to close: 15 min.</i>			<i>Materials needed: 5 personnel</i>
EB-10	SW	Marengo St	17	5.8	17.25	Port of New Orleans
		<i>Lat. 29.91445871 / Long. -90.09668073</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
EB-11	SW	Marengo St	20	6	17.02	Port of New Orleans
		<i>Lat. 29.91458318 / Long. -90.09639432</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
EB-12	SW	Gen Taylor St	28	6.3	16.66	Port of New Orleans
		<i>Lat. 29.91544191 / Long. -90.09333635</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
EB-13	SL	Louisiana Ave	60	9	13.51	Port of New Orleans
		<i>Lat. 29.91776026 / Long. -90.08626345</i>	<i>Time needed to close: 30 min.</i>			<i>Materials needed: 5 personnel; frontend loader/operator</i>
EB-14	SW	Pleasant St.	17	7.5	15.04	N.O. Public Belt Railroad
		<i>Lat. 29.91829041 / Long. -90.08445312</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
EB-15	DS	Pleasant St	43	8.2	14.20	Port of New Orleans
		<i>Lat. 29.91852603 / Long. -90.08400293</i>	<i>Time needed to close: 45 min.</i>			<i>Materials needed: 5 personnel</i>
EB-16	SL	Harmony St	43	9.5	13.16	Port of New Orleans
		<i>Lat. 29.91880431 / Long. -90.08353388</i>	<i>Time needed to close: 25 min.</i>			<i>Materials needed: 4 personnel</i>
EB-17	SW	9th St	17	9.1	13.30	N. O. Public Belt Railroad
		<i>Lat. 29.91909172 / Long. -90.08267356</i>	<i>Time needed to close: 20 min.</i>			<i>Materials needed: 4 personnel</i>
EB-18	SL	Washington Ave	40	10.7	11.76	Port of New Orleans
		<i>Lat. 29.92052369 / Long. -90.07826267</i>	<i>Time needed to close: 30 min.</i>			<i>Materials needed: 4 personnel</i>
EB-19	SL	3rd St	40	11	11.40	Port of New Orleans
		<i>Lat. 29.92118955 / Long. -90.07633952</i>	<i>Time needed to close: 30 min.</i>			<i>Materials needed: 4 personnel</i>
EB-20	SL	Jackson Ave	40	10.3	12.17	Port of New Orleans
		<i>Lat. 29.92325837 / Long. -90.07134919</i>	<i>Time needed to close: 30 min.</i>			<i>Materials needed: 4 personnel</i>
EB-21	SL	Jackson Ave	40	10.3	12.18	Port of New Orleans
		<i>Lat. 29.92325837 / Long. -90.07134919</i>	<i>Time needed to close: 30 min.</i>			<i>Materials needed: 4 personnel</i>
EB-22	SL	St. Mary St	60	8.4	13.64	Port of New Orleans
		<i>Lat. 29.92586019 / Long. -90.06758035</i>	<i>Time needed to close: 30 min.</i>			<i>Materials needed: 4 personnel</i>

EB-23	SL	Nuns St	60	9.9	12.22	Port of New Orleans
		Lat. 29.92639194 / Long. -90.06722295	Time needed to close: 30 min.			Materials needed: 5 personnel; frontend loader/operator
EB-24	SW	Celeste St	17	8.8	13.45	N. O. Public Belt Railroad
		Lat. 29.92756709 / Long. -90.06570716	Time needed to close: 20 min.			Materials needed: 4 personnel
EB-25	SL	Celeste St	45	8.2	13.90	RO
		Lat. 29.9276696 / Long. -90.06558965	Time needed to close: 30 min.			Materials needed: 4 personnel
EB-26	SW	Race St	20	9	14.09	Port of New Orleans
		Lat. 29.92766951 / Long. -90.06559066	Time needed to close: 40 min.			Materials needed: 4 personnel
EB-27	SW	Race St	20	8.8	14.06	Port of New Orleans
		Lat. 29.93143181 / Long. -90.06333701	Time needed to close: 40 min.			Materials needed: 4 personnel

Miss River, East Bank						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
EB-28	SL	Race St	42	8.5	14.01	Port of New Orleans
		Lat. 29.93233815 / Long. -90.06296167	Time needed to close: 60 min.			Materials needed: 4 personnel; frontend loader/operator
EB-29	SL	Euterpe St	40	8.5	14.47	Port of New Orleans
		Lat. 29.93339368 / Long. -90.06253537	Time needed to close: 60 min.			Materials needed: 4 personnel; frontend loader/operator
EB-30	SL	Henderson St	60	7.2	14.89	Port of New Orleans
		Lat. 29.93516629 / Long. -90.06203614	Time needed to close: 40 min.			Materials needed: 5 personnel; frontend loader/operator
EB-31	SW	Thalia St	28	7.1	15..05	Port of New Orleans, Convention Center
		Lat. 29.93625878 / Long. -90.06188736	Time needed to close: 20 min.			Materials needed: 4 personnel
EB-32	SW	Thalia St	28	7.1	14.60	Port of New Orleans, Convention Center
		Lat. 29.93819048 / Long. -90.06202776	Time needed to close: 20 min.			Materials needed: 4 personnel
EB-33	SL	Thalia St	62	7.1	14.63	Port of New Orleans, Convention Center
		Lat. 29.93848887 / Long. -90.06204268	Time needed to close: 25 min.			Materials needed: 4 personnel
EB-34	SW	Julia St	28	7.8	13.84	Port of New Orleans, River Walk
		Lat. 29.94385941 / Long. -90.06255146	Time needed to close: 20 min.			Materials needed: 5 personnel
EB-35	SW	Girod St	22	8.5	13.05	N. O. Public Belt Railroad, RTA
		Lat. 29.94575347 / Long. -90.06254819	Time needed to close: 60 min.			Materials needed: 6 personnel
EB-36	SW	Girod St	22	8.5	13.02	N. O. Public Belt Railroad, RTA
		Lat. 29.94575347 / Long. -90.06254819	Time needed to close: 60 min.			Materials needed: 6 personnel
EB-37	PC	Girod St	17.8	7.8	13.61	N. O. Public Belt Railroad
		Lat. 29.94575347 / Long. -90.06254819	Time needed to close: 0 min.			No personnel (cement shut)
EB-38	PC	Girod St	19.7	6	15.66	N.O. Public Belt Railroad,
		Lat. 29.94575347 / Long. -90.06254819	Time needed to close: 0 min.			No personnel (cement shut)

PC – Permanent Closed (R&R) – Railroad

Gate types: DS - Double swing FL – Flap MS - Miter swing OH – Overhead RM – Removable SC – Sluice SG - Sector gate SL – Slide ST - Stop logs SW – Swing LG – Lift gate

Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
EB-39	SL	Poydras St	60	9	12.81	Port of New Orleans, Hilton
		Lat. 29.94804282 / Long. -90.06316636	Time needed to close: 35 min.			Materials needed: 5 personnel
EB-40	ST	Poydras St	12	6.5	15.36	Port of New Orleans, Spanish Plaza, River Walk
		Lat. 29.94829687 / Long. -90.06319586	Time needed to close: 20 min.			Materials needed: 3 personnel
EB-41	ST	Spanish Plaza	8	4.0	17.96	Port of N O, Spanish Plaza
		Lat. 29.94834163 / Long. -90.0631646	Time needed to close: 20 min.			Materials needed: 3 personnel
EB-42	ST	Spanish Plaza	8	4.0	17.95	Port of N O, Spanish Plaza
		Lat. 29.94844599 / Long. -90.06322838	Time needed to close: 20 min.			Materials needed: 3 personnel
EB-43	ST	Spanish Plaza	8	4.5	18.08	Port of N O, Spanish Plaza
		Lat. 29.94918661 / Long. -90.0632164	Time needed to close: 20 min.			Materials needed: 3 personnel
EB-44	ST	Spanish Plaza	8	34.5	18.10	Port of N O, Spanish Plaza
		Lat. 29.94918661 / Long. -90.0632164	Time needed to close: 20 min.			Materials needed: 3 personnel
EB-45	ST	Canal St.	6.5	7.5	13.59	Port of N O, Spanish Plaza
		Lat. 29.9493794 / Long. -90.06338588	Time needed to close: 20 min.			Materials needed: 3 personnel
EB-46	SL	Canal St.	34	7.9	13.19	Port of New Orleans, Aquarium of the America
		Lat. 29.9496995 / Long. -90.06333156	Time needed to close: 25 min.			Materials needed: 4 personnel; frontend loader/operator
EB-47	SL	Canal St.	60	8.8	12.48	Port of New Orleans, Aquarium of the America
		Lat. 29.95000863 / Long. -90.06336828	Time needed to close: 35 min.			Materials needed: 5 personnel; frontend loader/operator
EB-48	ST	Iberville St.	10	7.5	13.71	Port of New Orleans, Aquarium of the America
		Lat. 29.95098135 / Long. -90.06368335	Time needed to close: 20 min.			Materials needed: 3 personnel
EB-49	SL	Bienville St.	40	9.3	11.98	Port of New Orleans, Aquarium of the America
		Lat. 29.9522885 / Long. -90.06366408	Time needed to close: 35 min.			Time needed to close: 20 min.
EB-50	MS	Bienville St.	43	9.3	11.99	N. O. Public Belt Railroad, Regional Transit Authority
		Lat. 29.95285948 / Long. -90.06363524	Time needed to close: 45 min. (R&R)			Materials needed: 4 personnel
EB-51	SL	Conti St.	30	9	12.20	Port of New Orleans, Woldenberg Park
		Lat. 29.95341813 / Long. -90.06363952	Time needed to close: 45 min. (R&R)			Materials needed: 4 personnel
EB-52	SW	Conti St.	30	9.1	12.16	N. O. Public Belt Railroad
		Lat. 29.95358854 / Long. -90.06365695	Time needed to close: 30 min.			Materials needed: 4 personnel; Bobcat/operator
EB-53	SL	St. Louis St.	32	7.4	13.86	Port of New Orleans, Woldenberg Park
		Lat. 29.954611 / Long. -90.063436	Time needed to close: 30 min.			Materials needed: 4 personnel; Bobcat/operator
EB-54	SL	Toulouse St.	30	6	15.30	Port of New Orleans, New Orleans Steamboat Co.
		Lat. 29.955578 / Long. -90.062975	Time needed to close: 30 min.			Materials needed: 4 personnel; Bobcat/operator
EB-55	SL	St. Peter St.	38	5.5	16.14	Port of New Orleans, Jackson Brewery, Moonwalk
		Lat. 29.956459 / Long. -90.062249	Time needed to close: 30 min.			Materials needed: 4 personnel; Bobcat/operator
EB-56	SL	St. Peter St.	31	5.5	16.12	Port of New Orleans, French Market Parking Lot

PC – Permanent Closed (R&R) – Railroad

Appendix 6a - 11

Gate types: DS - Double swing FL – Flap MS - Miter swing OH – Overhead RM – Removable SC – Sluice SG - Sector gate SL – Slide ST - Stop logs SW – Swing LG – Lift gate

		Lat. 29.956471 / Long. -90.062318	Time needed to close: 25 min.	Materials needed: 4 personnel; Bobcat/operator
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Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
EB-57	SW	Dumaine St.	25	8.1	12.80	Port of New Orleans, Moonwalk
		Lat. 29.958015 / Long. -90.061033	Time needed to close: 20 min.		Materials needed: 4 personnel	
EB-58	SW	St. Philip	25	8.1	12.76	Port of New Orleans, Moonwalk
		Lat. 29.958706 / Long. -90.060309	Time needed to close: 20 min.		Materials needed: 4 personnel	
EB-59	SW	Ursuline St	15	8.3	12.70	Port of New Orleans, Moonwalk
		Lat. 29.959503 / Long. -90.059451	Time needed to close: 15 min.		Materials needed: 4 personnel	
EB-60	SW	Barracks St	30	5.3	15.80	Port of New Orleans, French Market Parking Lot
		Lat. 29.960007 / Long. -90.058607	Time needed to close: 30 min.		Materials needed: 4 personnel	
EB-61	SL	Esplanade Ave.	68	7.9	12.61	Port of New Orleans, Gov. Nicholls Wharf
		Lat. 29.961134 / Long. -90.05682	Time needed to close: 40 min.		Materials needed: 5 personnel; frontend loader/operator	
EB-62	SW	Elysian Fields Ave.	17	9.1	12.05	N.O. Public Belt Railroad
		Lat. 29.961633 / Long. -90.05629	Time needed to close: 30 min.		Materials needed: 4 personnel	
EB-63	SW	St. Ferdinand St.	19	9.7	11.93	N.O. Public Belt Railroad
		Lat. 29.962317 / Long. -90.049418	Time needed to close: 35 min. (R&R)		Materials needed: 4 personnel; Bobcat/operator	
EB-64	SL	Clouet St.	30	8.8	12.51	Port of New Orleans
		Lat. 29.961875 / Long. -90.045985	Time needed to close: 35 min. (R&R)		Materials needed: 4 personnel; Bobcat/operator	
EB-65	SW	Louisa St.	17	10.3	10.80	N.O. Public Belt Railroad
		Lat. 29.96163 / Long. -90.04422	Time needed to close: 30 min.		Materials needed: 4 personnel	
EB-66	SL	Piety St.	30	7.3	13.79	Port of New Orleans
		Lat. 29.961538 / Long. -90.043188	Time needed to close: 35 min.		Materials needed: 4 personnel; Bobcat/operator	
EB-67	SL	Congress St.	40	6.8	14.30	Port of New Orleans
		Lat. 29.961216 / Long. -90.040805	Time needed to close: 35 min.		Materials needed: 4 personnel; Bobcat/operator	
EB-68	SW	Independence St.	30.5	6.2	14.88	N.O. Public Belt Railroad
		Lat. 29.96103242 / Long. -90.03999308	Time needed to close: 45 min.		Materials needed: 5 personnel	
EB-69	SW	Bartholome St.	37.5	6.5	14.51	N.O. Public Belt Railroad
		Lat. 29.960485 / Long. -90.037256	Time needed to close: 30 min.		Materials needed: 4 personnel	
EB-70	SL	Mazant St.	40	8.2	12.87	Port of New Orleans
		Lat. 29.960261 / Long. -90.036582	Time needed to close: 35 min.		Materials needed: 5 personnel	
EB-71	SW	Mazant St.	18.5	7.1	13.88	N.O. Public Belt Railroad
		Lat. 29.960154 / Long. -90.036592	Time needed to close: 30 min.		Materials needed: 4 personnel	
EB-72	SW	Formerly Defense Commissary Agency	20	8.5	12.43	VACANT
		Lat. 29.958999 / Long. -90.031405	Time needed to close: 30 min.		Materials needed: 4 personnel	

PC – Permanent Closed (R&R) – Railroad

Appendix 6a - 12

Gate types: DS - Double swing FL – Flap MS - Miter swing OH – Overhead RM – Removable SC – Sluice SG - Sector gate SL – Slide ST - Stop logs SW – Swing LG – Lift gate

EB-73	SL	Formerly Defense Commissary Agency	30	8	13.01	VACANT
		Lat. 29.95896 / Long. -90.031198	Time needed to close: 30 min.			Materials needed: 4 personnel; Bobcat/operator
EB-74	SL	Formerly Defense Commissary Agency	60	9.1	11.92	VACANT
		Lat. 29.959016 / Long. -90.030897	Time needed to close: 45 min.			Materials needed: 5 personnel; frontend loader/operator

MRGO - North Bank (Citrus Back Levee)						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
N-1	SW	Across railroad tracks entrance to Jourdan Rd Terminal	18	6.2	6.79	N. O. Public Belt Railroad
		Lat. 30.000264 / Long. -89.994567	Time needed to close: 15 min. (R&R)			Materials needed: 4 personnel
N-2	OH	Across dock access road to bulk handling facility	20	5.5	6.99	Port of New Orleans
		Lat. 29.997063 / Long. -90.01961	Time needed to close: 20 min.			Materials needed: 4 personnel
N-3	OH	Across west access road to water intake structures NOPSIS Michoud Generating Station	20	6.8	10.56	Entergy
		Lat. 30.006958 / Long. -89.937552	Time needed to close: 20 min.			Materials needed: 4 personnel
N-4	OH	Across access road to water intake structures	20	6.8	10.37	Entergy
		Lat. 30.007136 / Long. -89.936689	Time needed to close: 20 min.			Materials needed: 4 personnel
N-5	MS	Coast Guard Gate & NASA	42.0	14.0	6.14	Coast Guard
		Lat. 30.0134166 / Long. -89.9302777	Time needed to close: 35 min.			Materials needed: 6 personnel
N-6	SW	GIWW south on levee gap at L&N RR	20	11.11	8.57	CSX Transportation Company
		Lat. 30.057047 / Long. -89.832775	Time needed to close: 30 min.			Materials needed: 6 personnel
N-7	SL	Across Hwy 90	78.5	5.2	8.51	Textron Marine & Land Operations, US Fish & Wildlife
		Lat. 30.076544 / Long. -89.856139	Time needed to close: 1 hour & 30 min.			Materials needed: 6 personnel; Bobcat/Operator
N-8	SL	Across Hwy 11	90	4.2	8.61	City of New Orleans, Fish & Wildlife
		Lat. 30.123971 / Long. -89.866662	Time needed to close: 50 min.			Materials needed: 5 personnel; Bobcat/Operator

MRGO – South Bank						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
S-01	OH	Across Florida Ave-Harbor Rd connection	36	8	6.29	Port of New Orleans, Southern Recycling
		Lat. 29.98082 / Long. -90.0202	Time needed to close: 35 min.			Materials needed: 5 personnel
S-02	SW	Across road approx. 300 ft south of Industrial Supply building on Treasure St.	30	6.8	5.6	Port of New Orleans, Southern Recycling
		Lat. 29.983387 / Long. -90.014495	Time needed to close: 20 min.			Materials needed: 4 personnel
S-03	SW	Across proposed NOPBRR tracks approx. 300 ft. south of Industrial Supply building on Treasure St.	17	6.8	5.57	Port of New Orleans, Southern Recycling
		Lat. 29.983465 / Long. -90.01451	Time needed to close: 15 min.			Materials needed: 4 personnel
S-04	PC	Across Dock Board's service road west of Paris Rd	34	8	3.34	Port of New Orleans
		Lat. 30.000968 / Long. -89.941197	Time needed to close: 35 min.			Materials needed: 6 personnel

PC – Permanent Closed (R&R) – Railroad

Gate types: DS - Double swing FL – Flap MS - Miter swing OH – Overhead RM – Removable SC – Sluice SG - Sector gate SL – Slide ST - Stop logs SW – Swing LG – Lift gate

S-05	SL	Just west of Bayou Bienvenue Flood Control Structure	44	7	8.38	Flood Protection Authority – East
		<i>Lat. 29.999309 / Long. -89.916685</i>	<i>Time needed to close: 30 min.</i>			<i>Materials needed: 4 personnel</i>
S-06	SG	Bayou Bienvenue Flood Control Structure	56	28.30	-13.30	Flood Protection Authority – East
		<i>Lat. 29.998334 / Long. -89.915573</i>	<i>Time needed to close: 1 hour</i>			<i>Materials needed: 3 personnel</i>

Orleans Canal – East Bank						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
OCE-01	SW	South side Harrison Ave. Bridge	5	7.3	6.6	Flood Protection Authority – East
		<i>Lat. 30.00408472 / Long. -90.09980927</i>	<i>Time needed to close: 15 min.</i>			<i>Materials needed: 3 personnel</i>
OCE-02	SW	North side Harrison Ave. Bridge	5	7.3	6.7	Flood Protection Authority – East
		<i>Lat. 30.00389881 / Long. -90.09981447</i>	<i>Time needed to close: 15 min.</i>			<i>Materials needed: 3 personnel</i>
OCE-03	SW	South side Filmore Ave Bridge	5	9.3	4.73	Flood Protection Authority – East
		<i>Lat. 30.01144 / Long. -90.098833</i>	<i>Time needed to close: 15 min.</i>			<i>Materials needed: 3 personnel</i>
OCE-04	SW	North side Filmore Ave Bridge	5	9.3	4.19	Flood Protection Authority – East
		<i>Lat. 30.011603 / Long. -90.098827</i>	<i>Time needed to close: 15 min.</i>			<i>Materials needed: 3 personnel</i>

Orleans Canal – West Bank						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
OCW-01	SW	South side of Lakeshore Drive & Orleans Canal Bridge	5	7.3	6.6	Flood Protection Authority – East
		<i>Lat. 30.00408472 / Long. -90.09980927</i>	<i>Time needed to close: 15 min.</i>			<i>Materials needed: 3 personnel</i>

Surge Barrier Wall						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
SB-1	SG	Just South of N. O. East BK F/W	150'	+42'	-16	Flood Protection Authority – East
		<i>Lat. 30.014583 / Long. -89.901804</i>	<i>Time needed to close: 30 minutes</i>			<i>Materials needed: 3 personnel</i>
SB-2	BG	Just South of SB-1	150'	+42'	-16	Flood Protection Authority – East
		<i>Lat. 30.013695 / Long. -89.90134</i>	<i>Time needed to close: 16 hours</i>			<i>Materials needed: 6 personnel</i>
SB-3	LG	Across Bayou Bienvenue	56'	+34'	-8	Flood Protection Authority – East
		<i>Lat. 30.002541 / Long. -89.902456</i>	<i>Time needed to close: 30 minutes</i>			<i>Materials needed: 3 personnel</i>

JEFFERSON PARISH

Jefferson Parish HSDRRS						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
ER-1	SW	ERL AT NORTHFORK SOUTHERN RAILROAD (NSRR B.L. STA 669 + 00) (R&R)	22	5	10.3	Flood Protection Authority – East
		Lat. 30.014583 / Long. -89.901804	Time needed to close: 45 minutes			Materials needed: 2 Pallets of small sandbags, labor crew, and R&R Switchman
ER-2	DS	ERL AT CANAL ST.	10	3	12	Flood Protection Authority – East
		Lat. 29.99100057 / Long. -90.12434201	Time needed to close: 15 minutes			Materials needed: 2 personnel
ER-3	DS	ERL SOUTH SIDE OF VETS. HIGHWAY FLOOD-PROOFED BRIDGE	8	6.5	8	Flood Protection Authority – East
		Lat. 29.99986502 / Long. -90.123649	Time needed to close: 15 minutes			Materials needed: 3 personnel
ER-4	DS	ERL NORTH SIDE OF VETS. HIGHWAY FLOOD-PROOFED BRIDGE	8	6.5	8	Flood Protection Authority – East
		Lat. 30.00027574 / Long. -90.12361145	Time needed to close: 15 minutes			Materials needed: 3 personnel
ER-5	SW	NEAR INTERIM CLOSURE STRUCTURE	26	4.5	11	Flood Protection Authority – East
		Lat. 30.011268 / Long. -90.071865	Time needed to close: 15 minutes			Materials needed: 3 personnel
L-30	SW	LPL (B.L. STA. 119+00) AT THE WEST SIDE OF PUMP STATION #4	23.7	8.7	10	Flood Protection Authority – East
		Lat. 30.04025901 / Long. -90.24541508	Time needed to close: 15 minutes			Materials needed: 4 personnel
L-31	SL	WILLIAMS BLVD.	67.5	6.5	10	Treasure Chest Casino
		Lat. 30.03996648 / Long. -90.23770935	Time needed to close: 45 minutes			Materials needed: Labor crew; 1 Bobcat
L-32	SW	BONNABEL BOULEVARD WEST BOUND LANES	28.75	5	11.5	Kenner Public Works (public boat launch)
		Lat. 30.0194371 / Long. -90.14198575	Time needed to close: 30 minutes			Materials needed: 3 personnel; 1 Bobcat
L-33	SW	BONNABEL BOULEVARD EAST BOUND LANES	28.75	5	11.5	Kenner Public Works (public boat launch)
		Lat. 30.019439 / Long. -90.141822	Time needed to close: 30 minutes			Materials needed: 3 personnel; 1 Bobcat
WR-1	SW	WRL (SOUTHERN SEGMENT) - BETWEEN AIRPORT AND I-10	17	12	4	Flood Protection Authority – East
		Lat. 30.001112 / Long. -90.279601	Time needed to close: 15 minutes			Materials needed: 4 personnel
WR-2	SW	WRL (Northern Segment) Between I-10 and Grandlake Pumpstation	17	13	4	Flood Protection Authority – East
		Lat. 30.007667 / Long. -90.27953	Time needed to close: 15 minutes			Materials needed: 4 personnel
WR-3	SW	WEST ESPLANADE	17	13	4	Flood Protection Authority – East
		Lat. 30.02362277 / Long. -90.27930681	Time needed to close: 15 minutes			Materials needed: 4 personnel
WR-4	SW	VINTAGE	20.5	13	4	Flood Protection Authority – East
		Lat. 30.03527 / Long. -90.2792	Time needed to close: 15 minutes			Materials needed: 4 personnel

PC – Permanent Closed (R&R) – Railroad

Appendix 6a - 15

Gate types: DS - Double swing FL – Flap MS - Miter swing OH – Overhead RM – Removable SC – Sluice SG - Sector gate SL – Slide ST - Stop logs SW – Swing LG – Lift gate

ST. BERNARD PARISH

Surge Barrier Wall						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
A-01	SL		15	10.9	21	Flood Protection Authority – East
		Lat. 29.9349166 / Long. -89.83665	Time needed to close: 30 minutes		Materials needed: 3 personnel; electric winch; ladders.	
A-02	SL		15	8.9	21	Flood Protection Authority – East
		Lat. 29.96537 / Long. -89.87455	Time needed to close: 30 minutes		Materials needed: 3 personnel; electric winch; ladders.	
A-03	SL		15	7.9	21	Flood Protection Authority – East
		Lat. 29.94597 / Long. -89.85062	Time needed to close: 30 minutes		Materials needed: 3 personnel; electric winch; ladders.	
B-01	SL		15	7.9	20	Flood Protection Authority – East
		Lat. 29.932719 / Long. -89.834259	Time needed to close: 30 minutes		Materials needed: 3 personnel; electric winch; ladders.	
B-02	SL		15	7.9	20	Flood Protection Authority – East
		Lat. 29.915749 / Long. -89.813241	Time needed to close: 30 minutes		Materials needed: 3 personnel; electric winch; ladders.	
B-03	SL		15	7.9	20	Flood Protection Authority – East
		Lat. 29.899947 / Long. -89.783281	Time needed to close: 30 minutes		Materials needed: 3 personnel; electric winch; ladders.	
B-04	SL		15	7.9	20	Flood Protection Authority – East
		Lat. 29.888313 / Long. -89.760404	Time needed to close: 30 minutes		Materials needed: 3 personnel; electric winch; ladders.	
C-01	OH		44	15	15	Flood Protection Authority – East
		Lat. 29.860826 / Long. -89.774669	Time needed to close: 60 minutes		Materials needed: 4 personnel; electric winch; generator; snatch block	
C-02	OH		44	15	15	Flood Protection Authority – East
		Lat. 29.860683 / Long. -89.774826	Time needed to close: 60 minutes		Materials needed: 4 personnel; electric winch; generator; snatch block	
C-03	OH				9	Flood Protection Authority – East
		Lat. 29.859588 / Long. -89.775689	Time needed to close: 45 minutes		Materials needed: 4 personnel; electric winch; generator; snatch block	
D-01	SL		15	8	20.66	Flood Protection Authority – East
		Lat. 29.854108 / Long. -89.786888	Time needed to close: 30 minutes		Materials needed: 3 personnel; electric winch; ladders.	
D-02	SL		15	8	20.66	Flood Protection Authority – East
		Lat. 29.854119 / Long. -89.831036	Time needed to close: 30 minutes		Materials needed: 3 personnel; electric winch; ladders.	
D-03	SL		15	8	20.66	Flood Protection Authority – East
		Lat. 29.854097 / Long. -89.866974	Time needed to close: 30 minutes		Materials needed: 3 personnel; electric winch; ladders.	
D-04	SL		15	8	20.66	Flood Protection Authority – East
		Lat. 29.858089 / Long. -89.905378	Time needed to close: 30 minutes		Materials needed: 3 personnel; electric winch; ladders.	
D-05	SL		15	8	20.66	Flood Protection Authority – East
		Lat. 29.854359 / Long. -89.79705	Time needed to close: 30 minutes		Materials needed: 3 personnel; electric winch; ladders.	

PC – Permanent Closed (R&R) – Railroad

Appendix 6a - 16

Gate types: DS - Double swing FL – Flap MS - Miter swing OH – Overhead RM – Removable SC – Sluice SG - Sector gate SL – Slide ST - Stop logs SW – Swing LG – Lift gate

D-06	OH		56	20	6	LA 39/LADOTD
		Lat. 29.862066 / Long. -89.91076	Time needed to close: 60 minutes			Materials needed: 4 personnel; electric winch; generator; snatch block
D-07	OH		28	19.9	6	Flood Protection Authority – East
		Lat. 29.862188 / Long. -89.910892	Time needed to close: 45 minutes (R&R)			Materials needed: 4 personnel; electric winch; generator; snatch block; 15 - 24lbs. sandbags
BD-01	SG		56	31	-12.5	Flood Protection Authority – East
		Lat. 29.93492 / Long. -89.83665	Time needed to close: 30 minutes			Materials needed: 2 personnel
CC-01	SG		50	36	-10	Flood Protection Authority – East
		Lat. 29.858589 / Long. -89.90691	Time needed to close: 30 minutes			Materials needed: 2 personnel

Mississippi River Levee						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name
EB-80	SL		31.83	51	16.59	Flood Protection Authority – East
		Lat. 29.94878302 / Long. -90.00926997	Time needed to close: 30 minutes			Materials needed: 2 personnel; Bobcat
EB-81	SW		47	10.6	17.05	Port Ship Service
		Lat. 29.94670808 / Long. -90.00555108	Time needed to close: 30 minutes			Materials needed: 2 personnel
EB-82	SW		47	10.63	16.98	Port Ship Service
		Lat. 29.94663089 / Long. -90.00276343	Time needed to close: 30 minutes			Materials needed: 2 personnel
EB-83	DS		42.07	28.68	17.11	Domino Sugar
		Lat. 29.94508694 / Long. -90.00276343	Time needed to close: 60 minutes (R&R)			Materials needed: 2 personnel
EB-84	SW		25.25	5.08	15.54	St. Bernard Port
		Lat. 29.9456673 / Long. -89.99841062	Time needed to close: 30 minutes			Materials needed: 2 personnel
EB-85	SW		25.17	5.17	15.48	St. Bernard Port
		Lat. 29.94568516 / Long. -89.99832429	Time needed to close: 30 minutes			Materials needed:
EB-86	SW		21	5	15.14	St. Bernard Port
		Lat. 29.94584802 / Long. -89.99640274	Time needed to close: 30 minutes			Materials needed:
EB-87	SW	Chalmette Slip @ Access Road	33	4.58	16.15	St. Bernard Port
		Lat. 29.94579772 / Long. -89.99582372	Time needed to close: 30 minutes			Materials needed:
EB-88	SW	Chalmette Battlefield	5	2.5	18.43	Flood Protection Authority – East
		Lat. 29.94013231 / Long. -89.99437583	Time needed to close: 15 minutes			Materials needed:

Forty Arpent Levee						
Gate #	Type	Location	Width	Height	Sill Elev.	Company/Agency Name

PC – Permanent Closed (R&R) – Railroad

Gate types: DS - Double swing FL – Flap MS - Miter swing OH – Overhead RM – Removable SC – Sluice SG - Sector gate SL – Slide ST - Stop logs SW – Swing LG – Lift gate

Z-01	ST	Entergy Utility Access Road	13.875	5.16		Flood Protection Authority – East
		Lat. 29.96668962 / Long. -89.97696745	Time needed to close: 60 minutes			Materials needed: wooden stop logs(stored on-site), Excavator, visqueen, and 20 sandbags
Z-02	ST	West of pump station #2	16.875	6		Flood Protection Authority – East
		Lat. 29.966001 / Long. -89.974209	Time needed to close: 30 minutes			Materials needed: (Default status closed) Excavator and
Z-03	ST	East of pump station #6	17.06	5		Flood Protection Authority – East
		Lat. 29.961879 / Long. -89.964737	Time needed to close: 60 minutes			Materials needed: Aluminum stop logs (stored at office), Excavator, visqueen, and 20 sandbags
Z-04	ST	Southwest on Pakenham Road (closest to LBBLD office)	21.29	4.6		Flood Protection Authority – East
		Lat. 29.900756/ Long. -89.896738	Time needed to close: 60 minutes			Materials needed: Aluminum stop logs (stored at office), mini excavator or back hoe, trailer, dump truck, associated hoists
Z-05	ST	Northeast side of Pakenham Road (closest to bridge)	21.29	5.8		Flood Protection Authority – East
		Lat. 29.901311 / Long. -89.894021	Time needed to close: 60 minutes			Materials needed: Aluminum stop logs (stored at office), mini excavator or back hoe, trailer, dump truck, associated hoists
Z-06	OPEN	LA 300 (Gap in 40 Arpent levee at Bayou Rd.)	~ 50			Flood Protection Authority – East
		Lat. 29.901311 / Long. -89.894021	Time needed to close: 180 minutes			Materials needed: mini excavator or back hoe, HESCO baskets, sandbags, and associated hoists

APPENDIX **6b**

Flood Valve Data



HURRICANE FLOOD VALVE DATA

New No. Orleans Marina		
OHV-1		Flood side West of Floodgate L-01 (Abandonment in Place)
OHV-2		Protection side East of Floodgate L-01 (Sewer)
OHV-3		Just east of L-3 Orleans Marina – protected side (sewer)
OHV-4		Just west of Harbor Master Building –protected side West of L-01 (sewer)
OHV-5		Just east of Harbor Master Building – flood side (sewer)
OHV-6		Just west of L-4 opposite of Sailboat Bay Apts – protected side (drain)

Lakefront Location		
OHV-7		North of old gate L-4 (sewer)
OHV-8		North of L-5 Lakeshore Dr. – flood side (sewer)

Inner Harbor Navigation Canal (IHNC)		
OHV-9		South of W-42 – flood side (drain)
OHV-10		(REMOVED)
OHV-11		Between W-20 and W-21 – protected side (drain)
OHV-12		Florida Avenue Wharf by W-17 – protected side (drain)
OHV-13		Lafarge Cement Plant between W-14 and W-15 – protected side (drain)
OHV-14		Lafarge Cement Plant south of W-13 – protected side (drain)
OHV-15		Between W-5 and W-6 – protected side (drain) (To be sealed)
OHV-16		U. S. Coast Guard at locks south of W-2 – flood side (drain) (To be sealed)
OHV-17		Between E-1 & E-2 – protected side (drain)
OHV-18		Behind Southern Scrap Maintenance Building – flood side (drain)
OHV-19		Behind Southern Scrap Maintenance Building – flood side (drain)
OHV-20		Southern Scrap 550' north of maintenance building – flood side (drain) (Sealed Up)
OHV-21		Behind E-12 – protected side (drain)
OHV-22		Hayne & Jourdan Road – protected side (drain)

Citrus Lakefront		
OHV-23		Between L-16 & L-17 Lakefront Airport – flood side (drain) (To be replaced)
OHV-24		West of L-17 – protected side (drain) (To be replaced)
OHV-25		North of L-18 – flood side (drain)
OHV-26		South of Gate L-18 – flood side (drain)
OHV-27		Opposite Airport Administration Building – flood side (drain)
OHV-27A		
OHV-28		East of E-13 Hayne Boulevard – protected side (drain)
OHV-29		West of L-19 Hayne Boulevard – protected side (drain)
OHV-30		East of L-19 Hayne Boulevard – protected side (drain)
OHV-31		Sewer valve east side airport
OHV-32		West side L-20 Lincoln Beach – protected side (drain)
OHV-33		East side L-20 Lincoln Beach – protected side (drain)

Southpoint GIWW & Michoud Canal		
OHV-34		Sluice gates 1 – 5 at Southpoint on Southpoint – GIWW Levee – flood side (drain) “FEDERAL”
OHV-35		Sluice gates 6 – 8 South Hwy. 11 Southpoint – GIWW Levee – flood side (drain) “FEDERAL”
OHV-36		Sluice gates 9 – 11 North Hwy. 90 Southpoint – GIWW Levee – flood side (drain) “FEDERAL”
OHV-37		Sluice gates 12 – 15 CSX Gate N-6 Southpoint – GIWW Levee – flood side (drain) “FEDERAL”
OHV-38		Tree Farm Mitigation Side
OHV-39		Tree Farm Mitigation Side

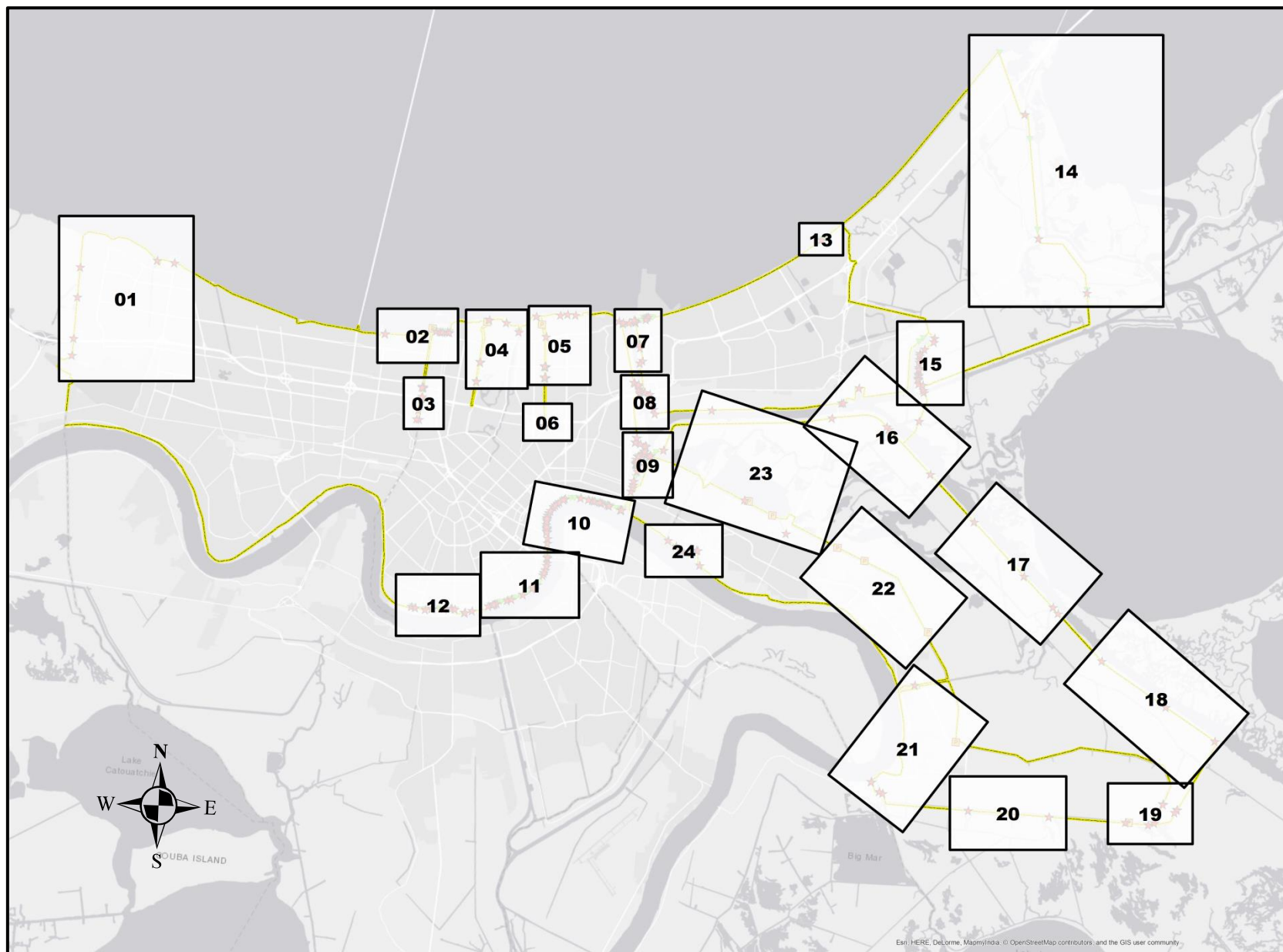
Rev. 5/18

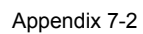
APPENDIX 7

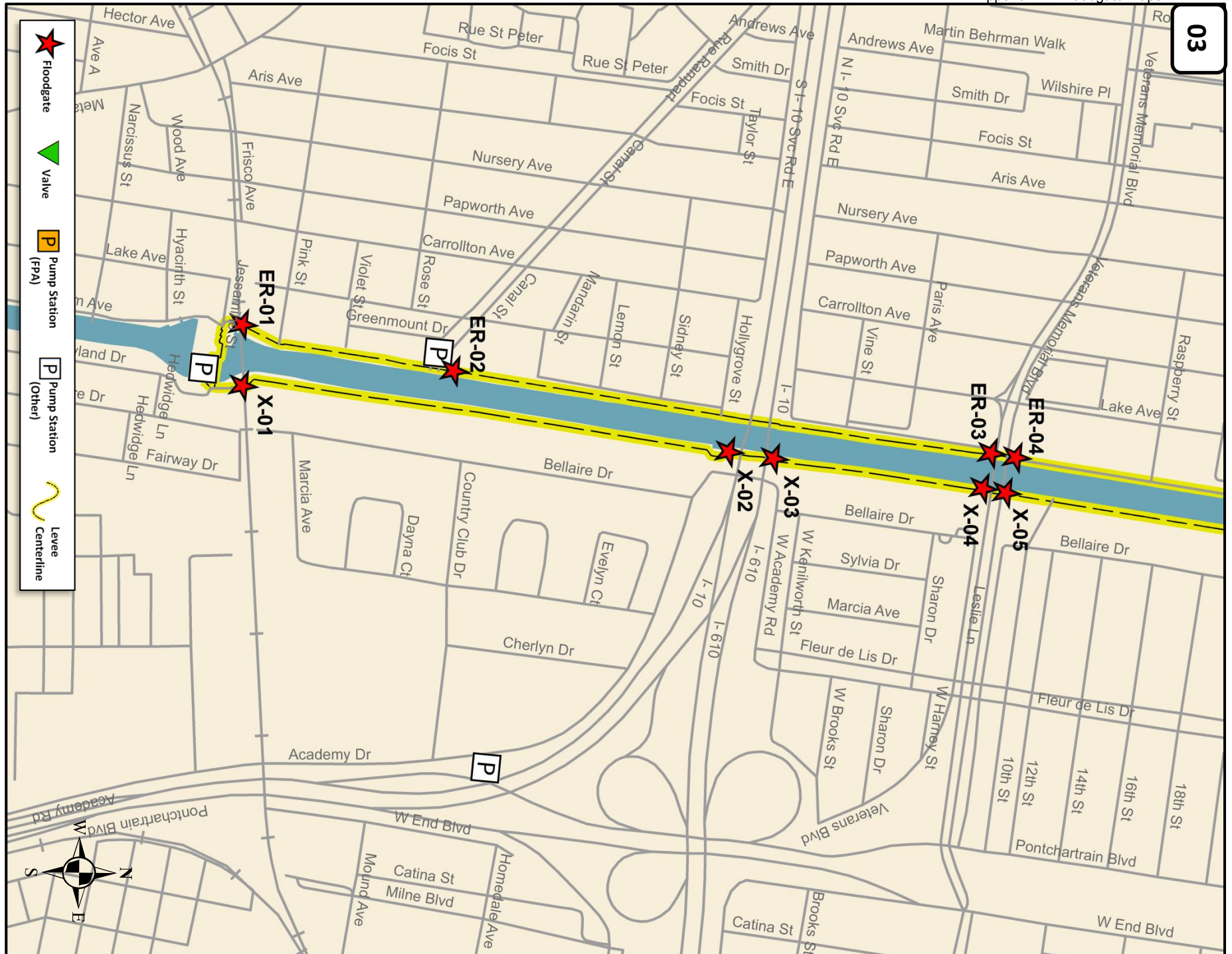
Floodgate Maps



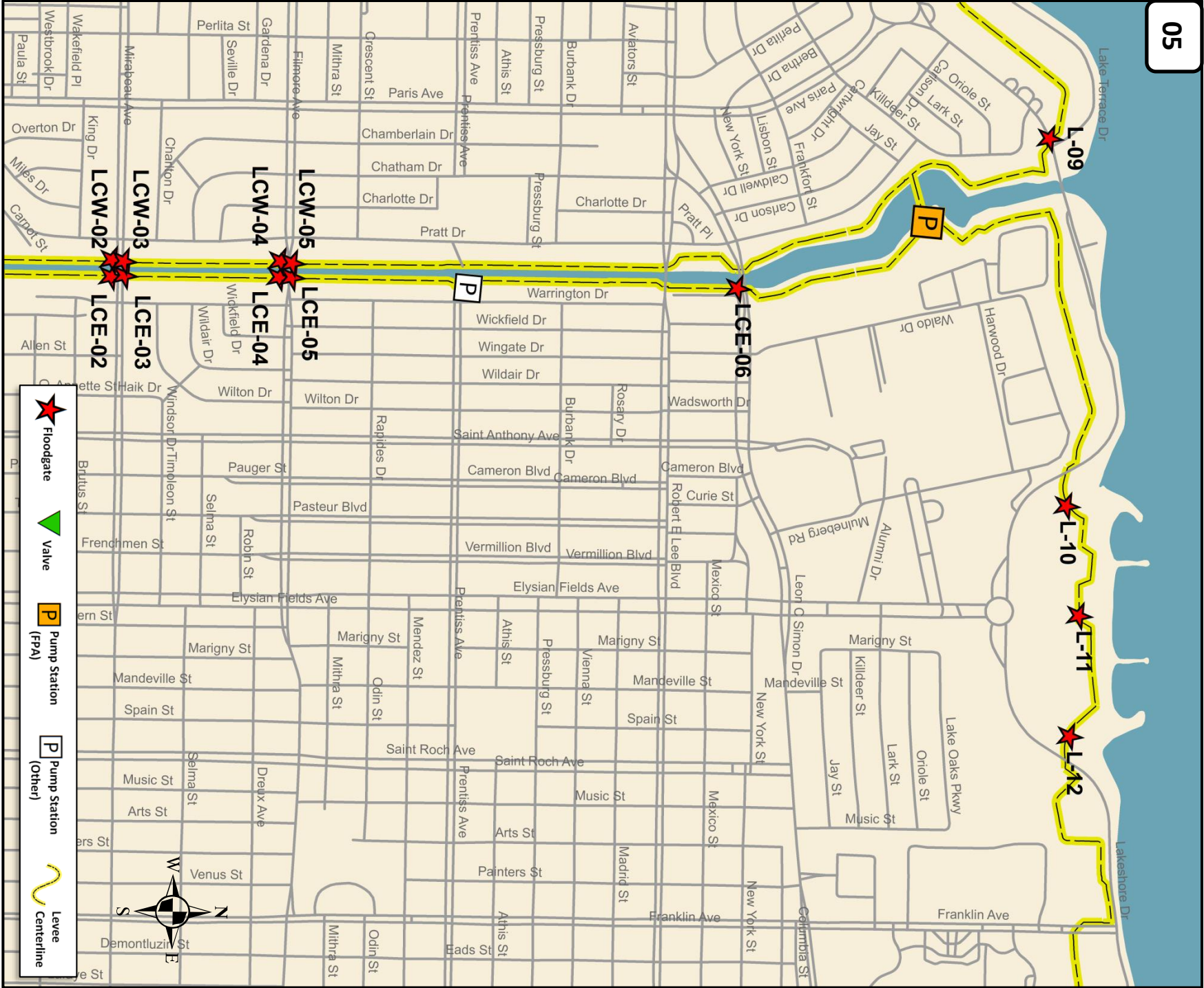
LOCATION OF HURRICANE FLOODGATES

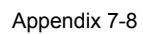


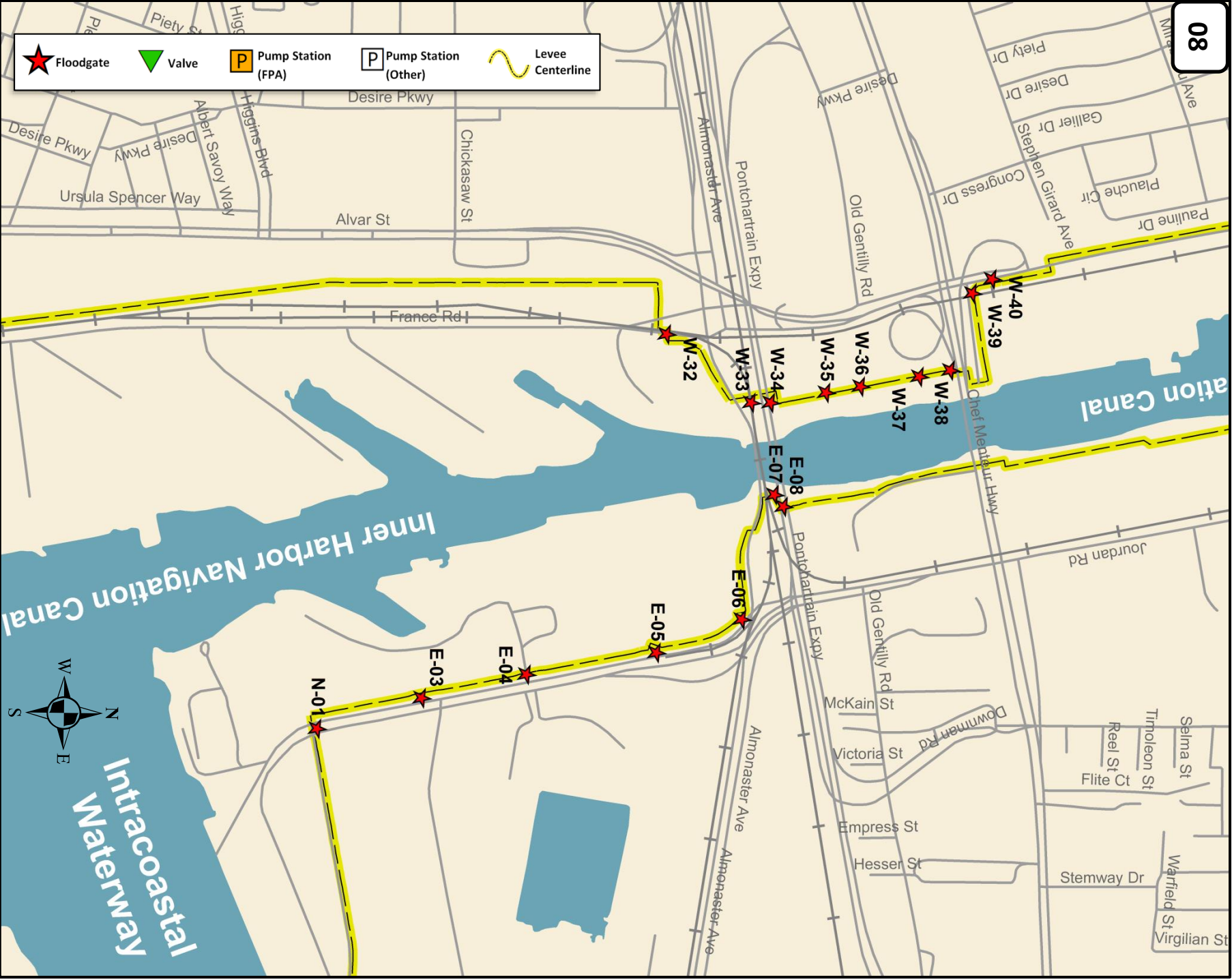


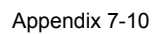


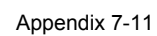










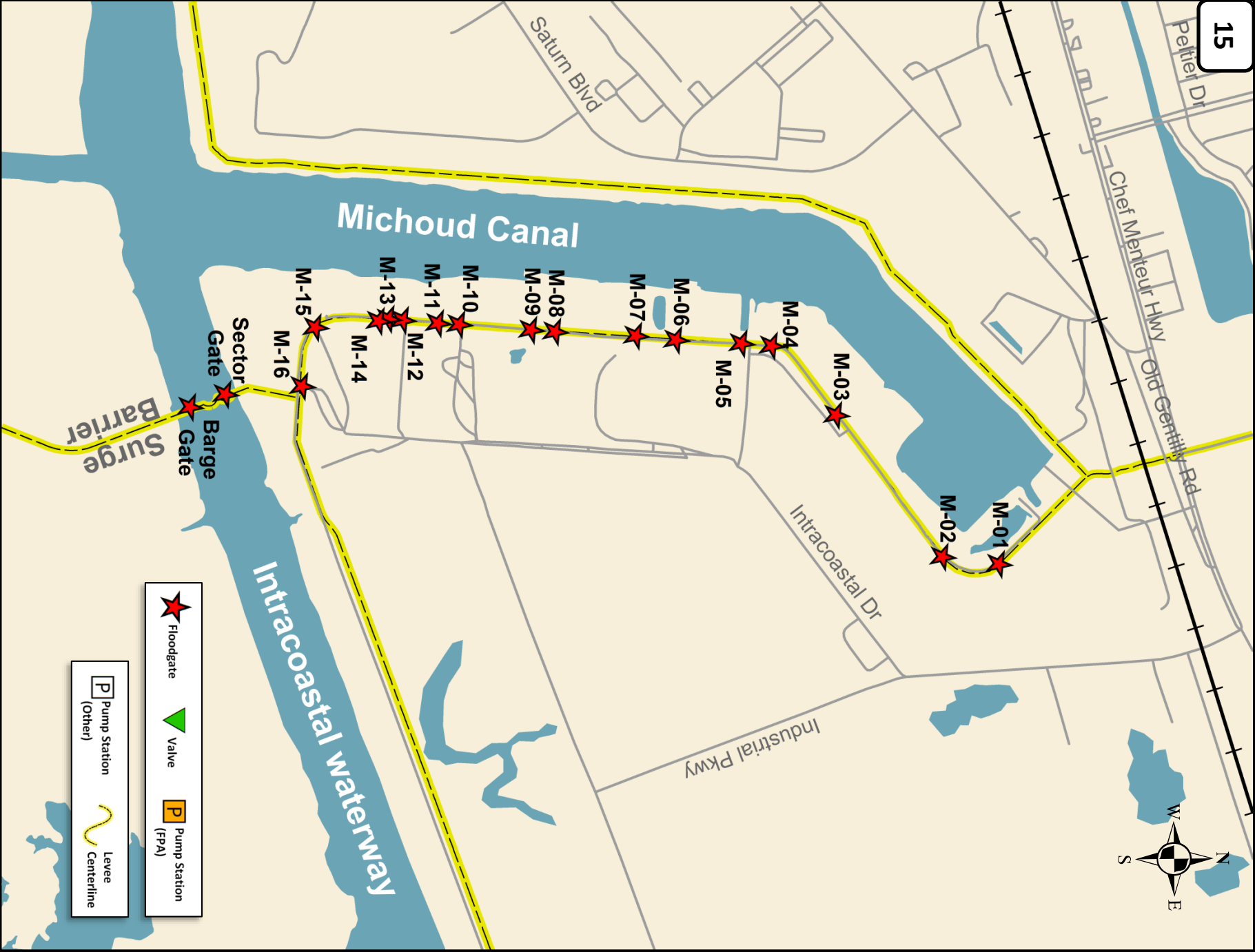










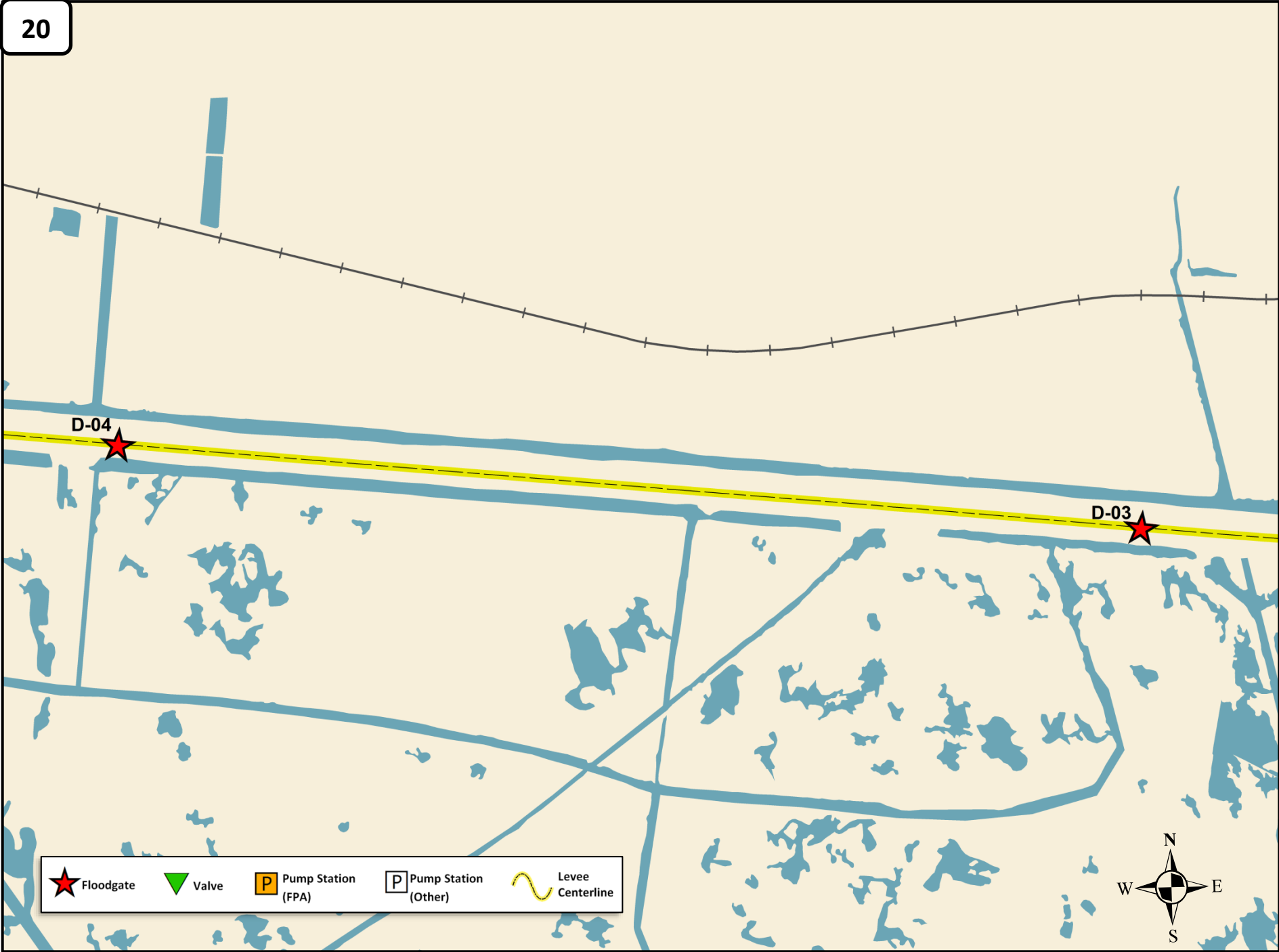


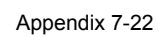


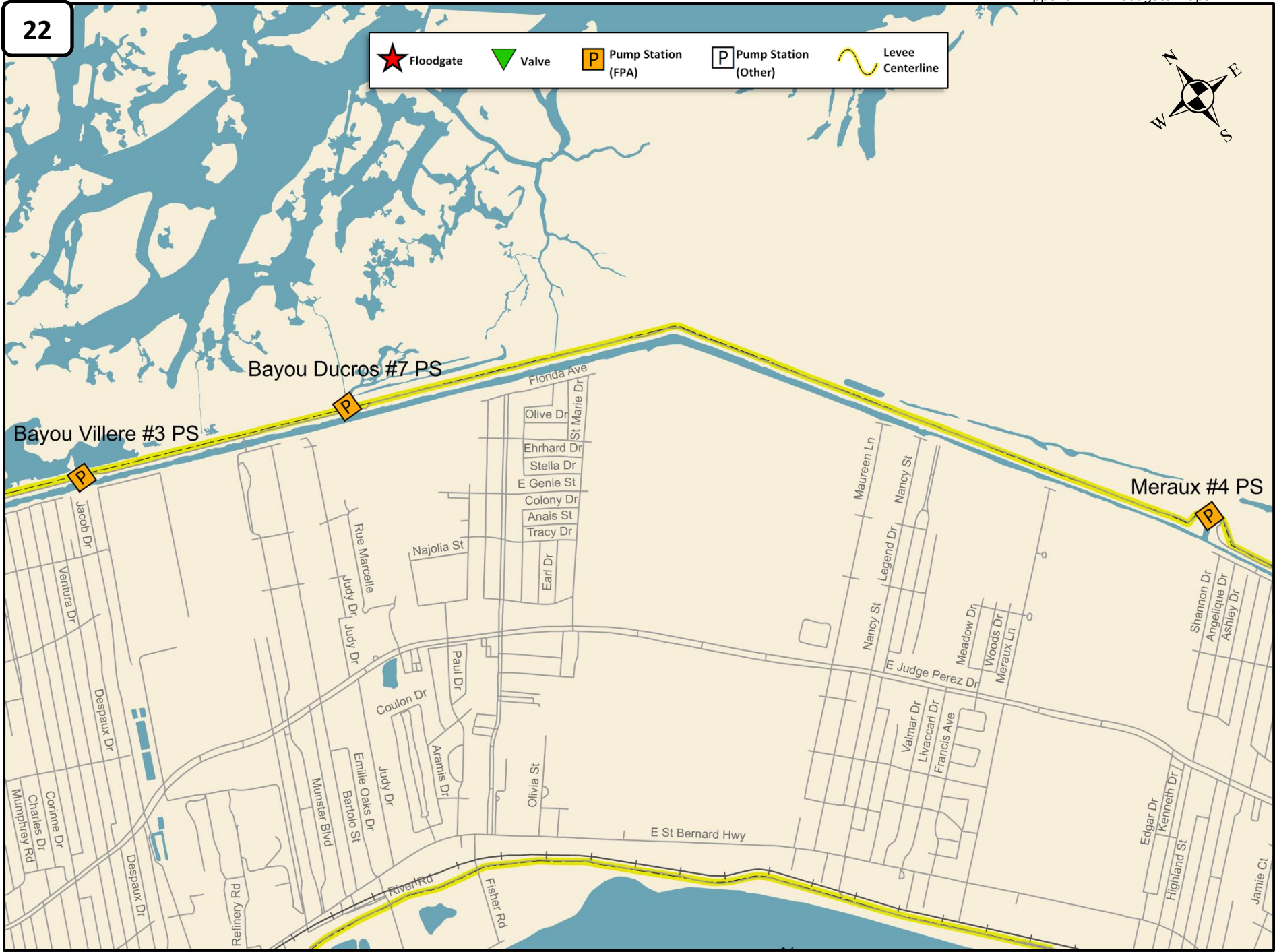


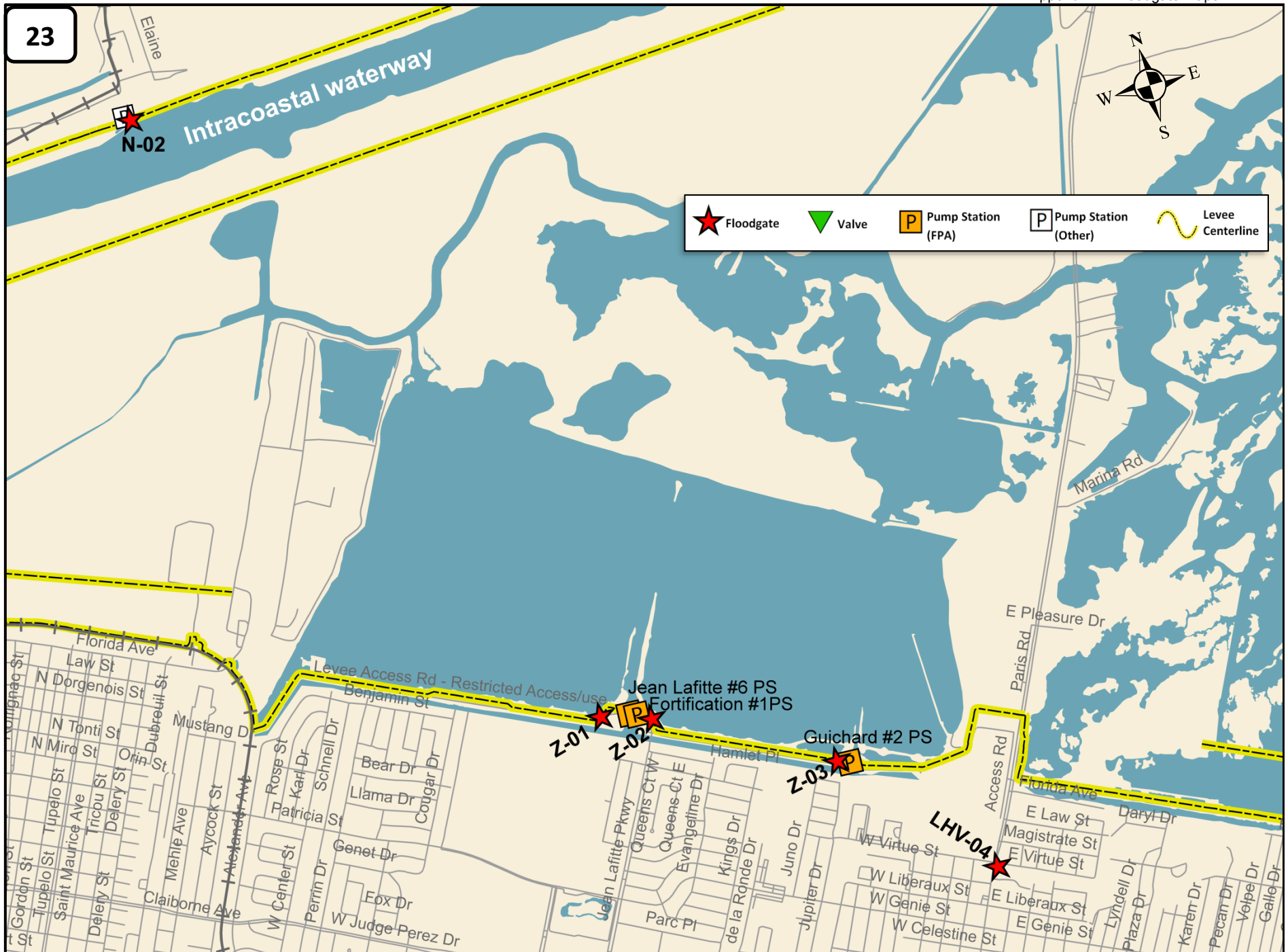


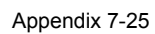




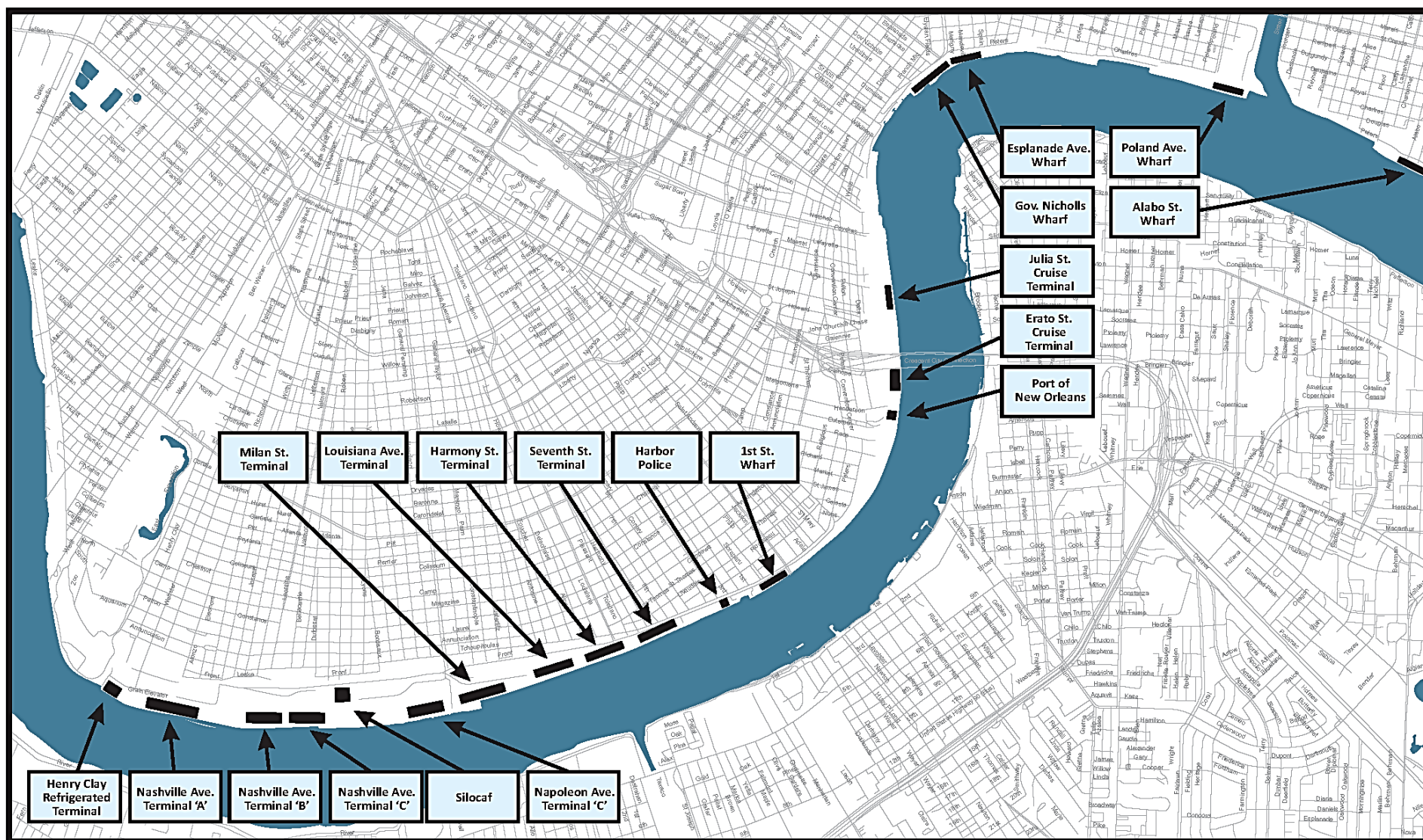


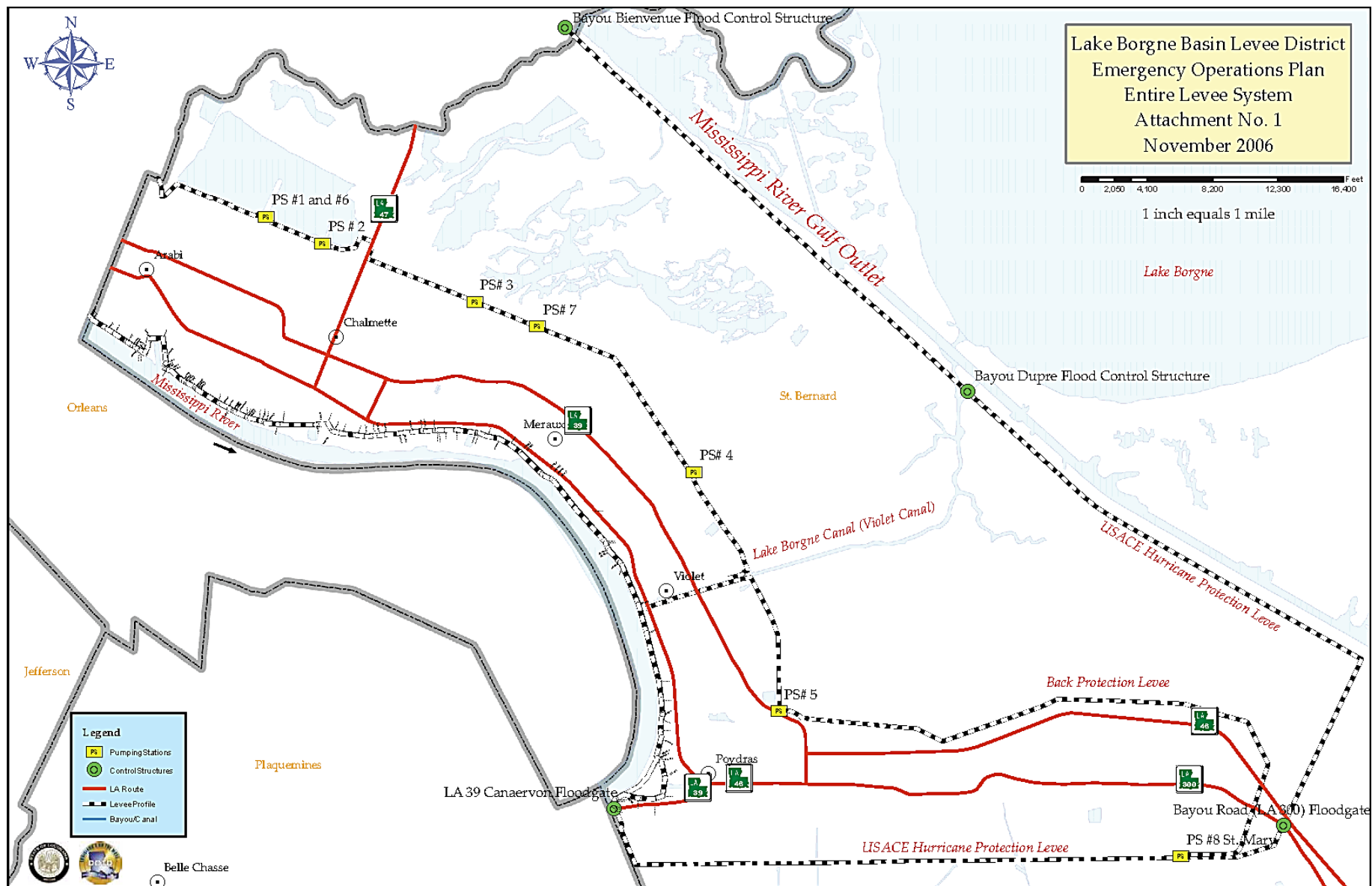


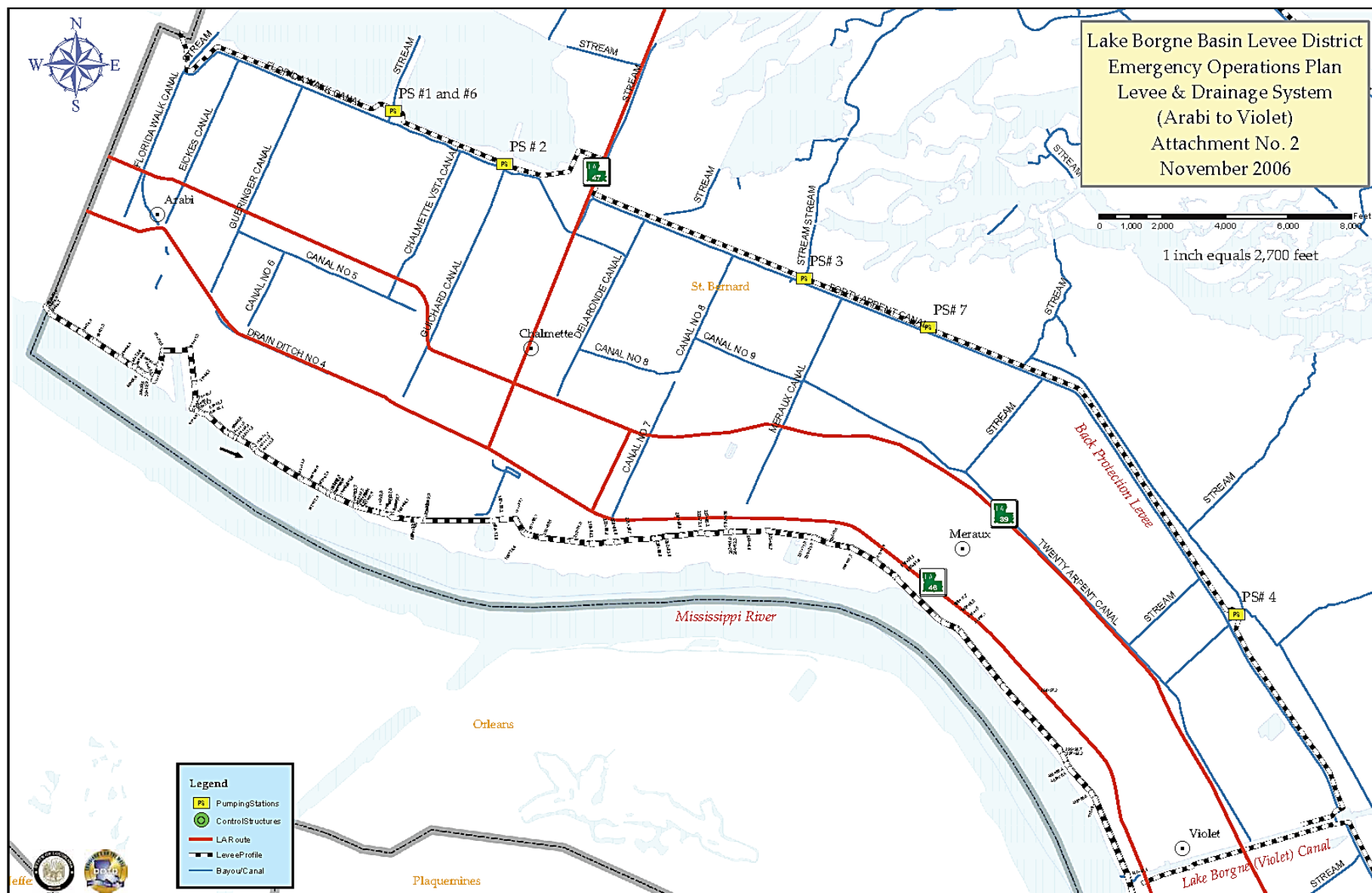


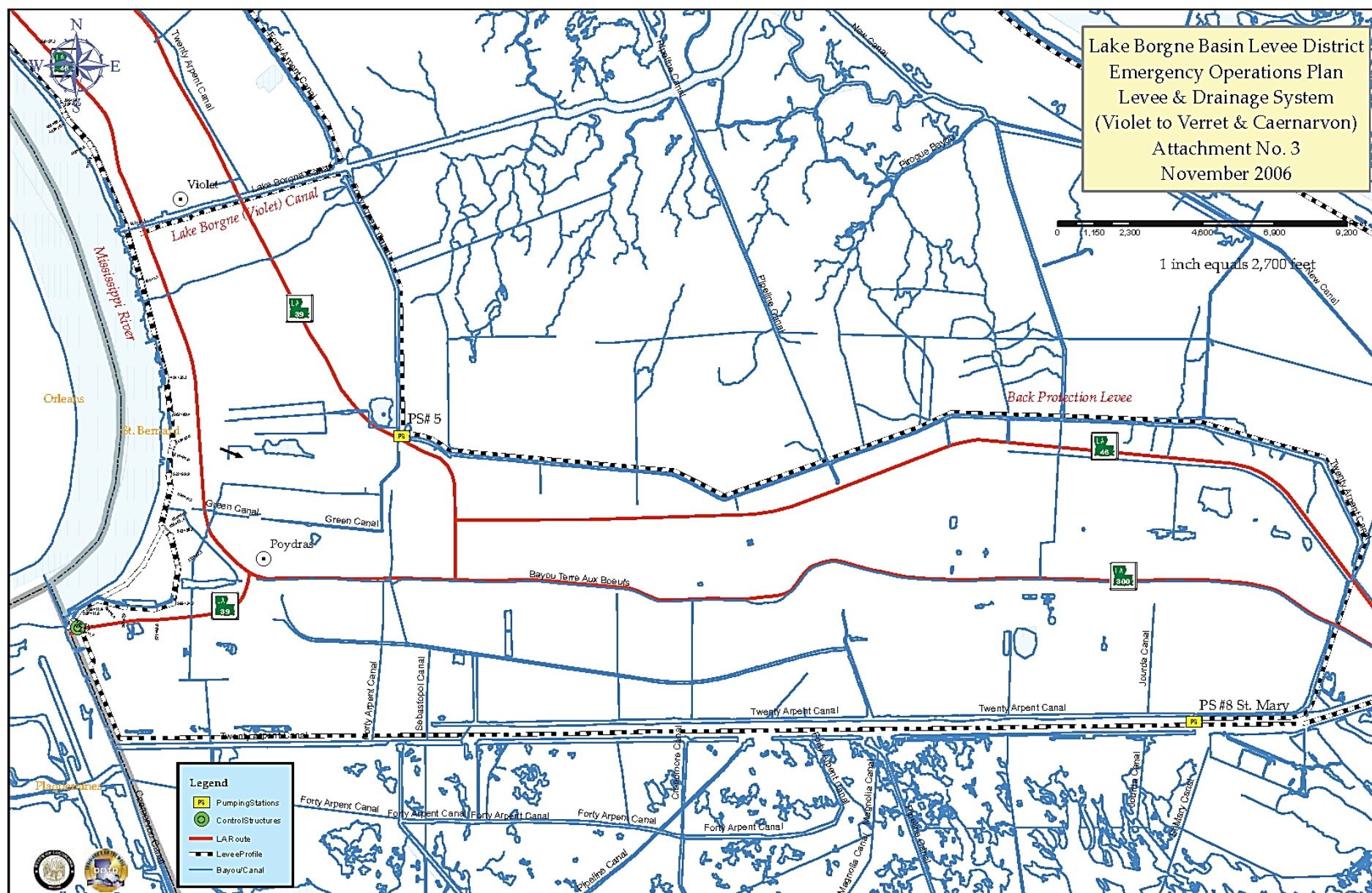


MISSISSIPPI RIVER WHARF LOCATIONS





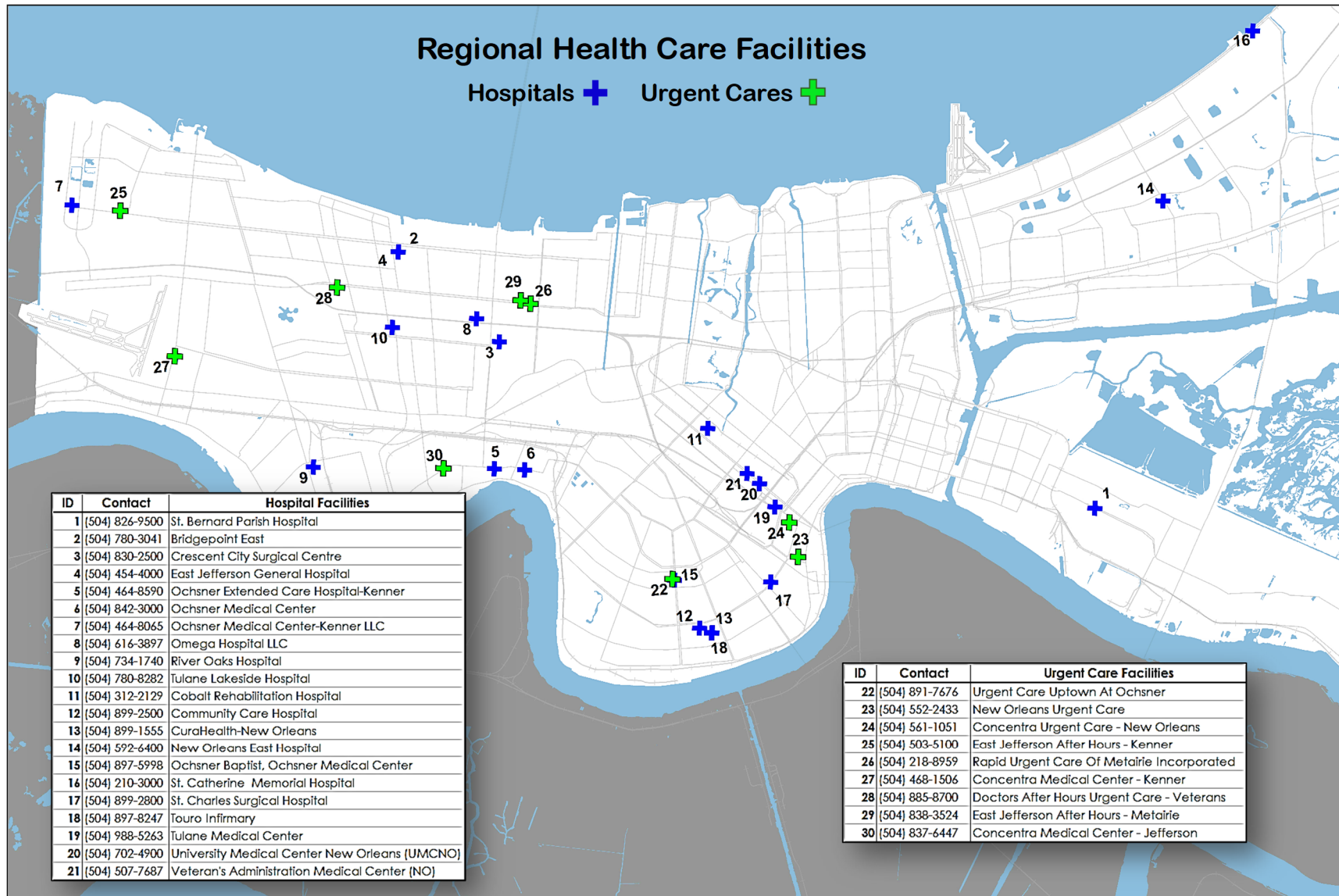




APPENDIX 8

Emergency Medical Facilities





APPENDIX 9

Standard Forms



Appendix 10 – Standard Forms

Incident District Daily Sitrep

Blank Excel form can be located G:\Forms\Sit report for storms

1. Incident Name.	2. Incident Number:	3. Incident Start Date and Time
4. Report Version: <input type="checkbox"/> Initial <input type="checkbox"/> Update <input type="checkbox"/> Final	5. Time period for report	
	Prepared by:	
6. Name of District Flood Protection Authority	7. Date and Time Submitted	
8. Incident Summary		
a. Significant events for time period		
1.)		
b. Activity Planned for next 12 hours		
Monitor and continue storm prep:		
1.)		

c. Activity Planned for next 36 hours

1.)

9. Activity Anticipated after 36 hours

1.) .

10. Critical Resource needs/ Request for Assistance

None

11. Updates

a. Gate Closure Plan

☐ No updates
since last submittal
Plan to close

☐ Updates
Attached

☐ Updates Pending

Estimated / Time

b. Gate Closure Status

☐ No updates
since last submittal
LIMS report has

☐ Updates
Attached

☐ Updates Pending

Estimated / Time

c. Essential Personnel Roster

☐ No updates
since last submittal

☐ Updates
Attached

☐ Updates Pending

Estimated / Time

d. Supplies Status

☐ No updates
since last submittal

☐ Updates
Attached

☐ Updates Pending

Estimated / Time

e. Equipment Status

☐ No updates
since last submittal

☐ Updates
Attached

☐ Updates Pending

	Estimated / Time
12. Ops Chief assessment/comments	
1.)	

SLFPA-E Conference Call – Record Form		
Call Information		
Date : (___ / ___ / ___) Time: ___ : ___ hours	Phone: (___ - ___ - ___) Call #: _____	Chair:
Incident Type		
<input type="checkbox"/> Coastal Storm	<input type="checkbox"/> No-Notice Event	<input type="checkbox"/> Other
Incident name and description :		
Participant Attendance		
List of participating agencies / points of contact: (record additional agencies on the back of this form)		
Incident Objectives	Actions	
List of Objectives	Resolution / Notes:	

SLFPA-E Conference Call – Agenda			
Conference Call Topics		Lead	Check
1	Introductions (Attendance)	IC	
2	Reporting		
	Incident Status <ul style="list-style-type: none"> • What / Where / When • Emergency Activation Level by District • Local / State Emergency /Federal disaster declaration 	Planning and Engineering Chief	
	Operations Reports <ul style="list-style-type: none"> • Preliminary actions (LD plan activation, construction work stoppage) • Preparatory actions / protective measures • Impacts • Resource needs 	Operations Chief	
3	Objectives		
	Agency-wide Issues (Assessment / Resolution) <ul style="list-style-type: none"> • Employee notification, mobilization / demobilization • Protective measures / facility closures • Resource / Mutual aid requests • Public information • Loss assessment • Other (As required by incident) 	IC	
	Expansion of members for next call cycle <ul style="list-style-type: none"> • Additional LDs • Local Authorities • State Agencies (GOHSEP, DOTD, et al) • Federal Agencies (NWS, USACE, USGC, FEMA) 	Planning and Engineering Chief	
4	Directives		
	Establish Next Period Operational Objectives	Regional CAO / IC	
5	Closing		
	Next call schedule	Planning and Engineering Chief	
	Questions / Other Issues	IC	

Convoy Checklist

No convoy is to leave the Levee District premises without a convoy/safety briefing, authorization from the CAO or one of their directors, and a copy of this checklist in each convoy vehicle.

Required Convoy/Safety topics: Convoy protocols (ie. Lights on, escorted convoys have law enforcement stop at all controlled intersections to maintain convoy progression, if someone breaks down – what to do, etc.), each vehicle must have a point of contact and method of communications listed below, the destination and route needs to be clearly defined (maps may be distributed), and each vehicle should be inspected before leaving the premises (ie. Tires, oil, fuel, equipment to change tires, and any safety equipment needed).

Who is the convoy main point of contact:

Who is the main point of contact at the destination:

Names of all personnel in convoy	Cellular phone	Convoy Vehicle	Check box if you are driving
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Destination:

Description of planned Route:

Police Escort: Yes ☐ No ☐

Is there medical support: Yes ☐ No ☐

No. of personnel in convoy:

Date/Time of required Convoy:

If more information is needed make copy of this form. Maps may be attached also.