

Attachment c1-1

Terrebonne Parish Hazard Mitigation Plan Update Committee

Terrebonne Parish Hazard Mitigation Plan Update 2015
Proposed Steering Committee Membership*

Last	First	Agency	Title	Email	Address	City	State
Larpenier	Jerry	Terrebonne Parish Sheriff's Office	Sheriff	jlarpenter@tpso.net	PO Drawer 1670	Houma	LA
Sobert	Michael	Consolidated Waterworks District	General Manager	msobert@tpecp.org	8814 W Main	Houma	LA
Marmande	Mitch	Terrebonne Levee and Conservation District	Executive Director	rdupre@tlcd.org/mitchm@deltacoastll	220 Clendenning Rd	Houma	LA
LeBlanc	Kathy	Louisiana Department of Health & Human Services	Sanitarian		600 Polk	Houma	LA
Adams	Philip	TPCG Assessor's Office	Assessor	philtpassessor@bellsouth.net	PO Box 5094	Houma	LA
Moore	Jack	Terrebonne Parish School District	Risk Manager	jackmoore@tpsd.org	201 Stadium Dr	Houma	LA
Case	Peggy	Terrebonne Readiness and Assistance Coalition	Executive Director	pegcase@trac4la.com	1220 Aycock	Houma	LA
Waitz	David	David Waitz Engineering & Surveying	Professional Engineer	dwaitz1@bellsouth.net	7837 West Park	Houma	LA
Schexnayder	Phil	Gulf South Engineering Associates, Inc.		philshexnayder@providenceeng.com	991 Grand Caillou	Houma	LA
Carlos	Suzanne	Houma-Terrebonne Chamber of Commerce		suzanne@houmachamber.com	6133 Highway 311	Houma	LA
Cloutier	Dr. Budd	Regulatory Planning Commission	Chair	cloutier_eyecare@hotmail.com	2903 Quiet Oak Place	Schriever	LA
Underwood	Jason	South Central Industrial Association	Executive Director	jason@amgulffab.com	1340 West Tunnel Blvd	Houma	LA
Maloz	Simone	Restore or Retreat	Executive Director	simone.maloz@nicholls.edu	PO Box 2048-NSU	Thibodaux	LA
Smith	Kenneth	T. Baker Smith	President & CEO	kenneths@tbsmith.com	PO Box 2266	Houma	LA
Crispino	Steve	South Louisiana Bank	Vice President	scrispino@avee.com	1362 West Tunnel	Houma	LA
Biegler	Mary	Bayou Grace	Executive Director	bavougrace@bavougrace.org	PO Box 238	Chauvin	LA
Dardar	Shirell	Biloxi-Chitamacha Confederation of Muskogees	Deputy Chief	shirellparfaitdardar@yahoo.com	5057 Bayouside	Chauvin	LA
Naquin	Albert	Biloxi-Chitamacha Island Road Band	Chief	alwhitebuffalo@netscape.net	100 Dennis	Montegut	LA
Gauthe	David	BISCO		mybisco@yahoo.com	402 W 2nd Street	Thibodaux	LA
Dardar	Thomas	United Houma Nation	Principal Chief	info@unitedhoumanation.org	20986 Highway 1	Golden	LA
Hamilton	Rob	Southeast Louisiana Homebuilders' Association	President				
Bourg	Tom	Terrebonne Parish Consolidated Government	Utility Director	tbourg@tpecp.org	PO Box 2768	Houma	LA
Bush	Gregory	Terrebonne Parish Consolidated Government	Public Works Director	gbush@tpecp.org	PO Box 2768	Houma	LA
Gordon	Patrick	Terrebonne Parish Consolidated Government	Planning Director	pgordon@tpecp.org	PO Box 2768	Houma	LA
Ledet	Lisa	Terrebonne Parish Consolidated Government	Floodplain Manager	lisaledet@tpecp.org	PO Box 2768	Houma	LA
Pulaski	Chris	Terrebonne Parish Consolidated Government	Senior Planner - Compro	cpulaski@tpecp.org	PO Box 2768	Houma	LA
Eues	Earl	Terrebonne Parish Consolidated Government	O.S.H.E.P. Director / 91	genes@tpecp.org	PO Box 2768	Houma	LA
Dufrene	Chief	Houma Fire Department	Fire Chief	tdufrene@tpecp.org	600 Wilson	Houma	LA
Bourg	Doug	Terrebonne Parish Consolidated Government	Administrative Assistant	dmbourg@tpecp.org	PO Box 2768	Houma	LA
Waite	Darrell	Terrebonne Parish Housing and Human Services	Director	dwwaite@tpecp.org	809 Barrow Street	Houma	LA
Stakeholders							
Allemand	Gwen			gigi55@comcast.net			
Alford	Tony	Terrebonne Levee & Conservation District	President				
Amette	Jane	South Central Industrial Association	Executive Director	jane@scionline.net			
Babin	Danny	President of the Regulatory Planning Commission	Chairman	dbabin@tpecp.org			
Belanger	Wanda	Southeast LA HBA		slhba@att.net			
Boudreaux	John	Assumption Parish	OEP Director	johnboudreaux@assumptionoep.com			
Bray	Jeanne	DPW	Engineer	jbray@tpecp.org			
Cehan	Connie	TPSD		conniecehan@tpsd.org			
Cludet	Michel	Terrebonne Parish Consolidated Government	Parish President	mhcludet@tpecp.org			
DeFraites	Arthur	Gulf South Engineering	President	arthurdefraites@providenceeng.com			
Drury	David	TPCG		dadrury@tpecp.org			
Duplantis	Duffy	TPCG		dduplantis@tpecp.org			
Dupre	Reggie	TLCD	Executive Director	rdupre@tlcd.org			
Gerbasi	Jennifer	Terrebonne Parish Consolidated Government	Division Manager/Recor	jgerbasi@tpecp.org			
Landry	Kayte	Assumption Parish	Asst. OEP	#REF!			
Ledet	Brad	LaDay Construction					
Levron	Al	Terrebonne Parish Consolidated Government	Capital Projects Admin.	allevron@tpecp.org			
Liner	Michelle	Terrebonne Readiness and Assistance Coalition	Administrative Assistance	michelleliner@trac4la.com			
Lombarde	John			john.lombarde@nicholls.edu			
Martin	Phillip						
			Area Agent (Fisheries & Coastal Issues), LSA Ag Center LA Sea Grant Marine Extension Program	amatherine@agcenter.lsu.edu			
Matherne	Alan	LSU Ag Center					
Milford	Gene	Gene Milford and Associates	Professional Engineer	milfordassociate@bellsouth.net			

Nail	Shirin	REMAX		snail@remax.net
Pellegrin	Cynthia	ReMax Good Earth	Real Estate Broker	
Peña	Oscar	CB&I	Senior Vice President	oscar.pena@cbi.com
Peoples	Phyllis	Terrebonne General Medical Center	CEO	
Peterson	Kris			
Poche	Chadette	Terrebonne Parish Council	Council Clerk	cdpoche@tppc.org
Rutter	Lea			learutterhomes@charter.net
Boudreax	Chris	Lafourche Parish	OEP Director	chrisb@lafourche.gov
Benoit	Eric	Lafourche Parish	Asst. OEP	erich@lafourche.gov
Perry	Ron	St. Charles Parish	OEP Director	rperry@stcharles.gov
Tastet	Jason	St. Charles Parish	OEP	jtastet@scpec.org
Deroche	Eric	St. James Parish	OEP Director	eric.deroche@stjamesla.com
Hymel	Francis	St. James Parish	Asst. OEP	francishymel@stjamesla.com
Boucvault	Jobe	St. John Parish	OEP Director	j.boucvault@sjbparish.com
Graham	Ken	National Weather Service	Meteorologist-in-Charge	kenneth.graham@noaa.gov
Rivette	Frank	National Weather Service	Meteorologist	frank.rivette@noaa.gov
Mullarky	Christine	Region 3 American Red Cross	Resource Manager	christine.mullarky@redcross.org

Invited Advisors

O'Neal	Cindy	DOTD	State Floodplain Manage	Cindy.ONeal@LA.GOV	PO Box 94245	Baton RouLA
Zeringue	Jerome	CPRA	CPRA Chair	Jerome.Zeringue@LA.GOV	P.O. Box 44P.O. Box 4402'	Baton RouLA
Riley	Mark	GOHSEP	Deputy Director, GOHS	Mark.Riley@la.gov	7667 Independence Blvd	Baton RouLA
Daigle	Melissa	SeaGrants	Legal Coordinator, LSU	mdaigle2@tigers.lsu.edu	205 Sea Grant Building	Baton RouLA
Matherne	Alan	LSU Ag Center	Area Agent (Fisheries &	amatherne@agcenter.lsu.edu	PO Box 627	Houma LA
English	Nicolette	GOHSEP				

* The invited organizations and individuals may send a designee in their stead if unable to attend.

**Attachment c1-2
Terrebonne Parish Hazard Mitigation Plan Update Committee
Attendance Summary**

**Attachment c1-3.1A
Meeting 1—Advertisement**

x053690, Publication 05/14/2014

**Public Notice
Meeting Announcement
Terrebonne Parish Hazard Mitigation Plan Update 2015**

The Terrebonne Parish Consolidated Government is updating the parish's Hazard Mitigation Plan. The purpose of the plan update is to identify and pursue preventative measures that will reduce future damages from natural hazards. During this kickoff meeting, the Steering Committee and anyone interested in participating will define the planning process, discuss a ways to encourage and facilitate public input and participation, and review the existing plan to see what has been accomplished and what remains to be accomplished or improved. The public is encouraged to attend this meeting.

**Thursday, May 22, 2014 at 2:00PM
8026 Main Street, Second Floor
Council Meeting Room
Houma, Louisiana**

Please direct questions about the meeting to Nicole Cutforth, CB&I, at (225) 987-7373.

Attachment c1-3.1B Meeting 1—Sign-in Sheets

Terrebonne Parish Hazard Mitigation Plan Update 2015 Committee Member List						
MEETING NO. 1, MAY 22, 2014, 2PM, COUNCIL MEETING ROOM, 2nd FLOOR, HOUMA, LA	SIGN IN	Last Name	First Name	Organization	Title	Contact
1		Alford	Tony	Terrebonne Levee & Conservation District	President	985-851-2201
2		Arnette	Jane	South Central Industrial Association	Executive Director	985-873-6422
3		Babin	Danny	President of the Regulatory Planning Commission	Chairman	985-532-8174
4		Benoit	Eric	Lafourche Parish	Asst. OEP	985-532-8174
5		Boudreaux	Chris	Lafourche Parish	OEP Director	985-369-7386
6		Boudreaux	John	Assumption Parish	OEP Director	985-652-2222
7		Bouyeval	Jobe	St. John	OEP Director	985-873-6401
8		Bourg	Doug	Terrebonne Parish Consolidated Government	Parish President Assistant	985-873-6765
9		Bourg	Tom	Terrebonne Parish Consolidated Government	Utility Director	985-873-6841
10		Bray	Jeanne	DPW	Engineer	985-873-6736
11		Bush	Gregory	Terrebonne Parish Consolidated Government	Public Works Director	985-873-6736
12		Case	Peggy	Terrebonne Parish Readiness and Emergency Coalition (TRP)	Executive Director	985-851-2852
13		Claudet	Michel	Terrebonne Parish Consolidated Government	Parish President	985-873-6401
14		Dardar	Shirell	Gulf South Engineering	President	985-217-1474
15		DeFralles	Arthur	St. James Parish	OEP Director	985-876-6380
16		Deroche	Eric	St. James Parish	OEP Director	225-562-2346
17		Drury	David	St. James Parish	OEP Director	985-873-6575
18		Dufrene	Chief	Dufrene	OEP Director	985-873-6391
19		Duplantis	Duffy	Duplantis	OEP Director	985-873-6708
20		Duplantis	Todd	Duplantis	OEP Director	985-873-6319
21		Dupre	Reggie	TLCD	Executive Director	985-868-8523
22		Eues	Earl	Houma-Terrebonne Chamber of Commerce	Member	985-873-6357
23		Gautho	David	Houma-Terrebonne Chamber of Commerce	Member	985-873-6357
24		Gerbasl	Jennifer	Terrebonne Parish Consolidated Government	Division Manager/Recovery Planner	985-873-6585
25		Gordon	Patrick	Terrebonne Parish Consolidated Government	Director	985-873-6686
26		Graham	Robert	Terrebonne Parish Consolidated Government	Director	985-876-6520
27		Hymel	Ken	Assessment office	Director	985-649-0429
28		Landry	Kayle	St. James Parish	Asst. OEP	225-562-2310
29		Landry	Jerry	Assumption Parish	Asst. OEP	985-369-7386
30		Large	Geoff	Assumption Parish	Asst. OEP	985-873-6348
31		Larpenier	Kathy	Terrebonne Parish Sheriff's Office	Sheriff	985-876-2500
32		LeBlanc	Lisa	Terrebonne Parish Consolidated Government	Chief Building Official	985-873-6789
33		LeBlanc	Al	Terrebonne Parish Consolidated Government	Capital Projects Admin.	985-873-6407
34		Levron	Al	South Central Industrial Association	Representative	985-448-4485
35		Maloz	Phillip	South Central Industrial Association	Representative	985-876-7400
36		Martin	Simon	Terrebonne Parish	Coastal	985-873-6889
37		Melteme	Nicolas	Terrebonne Parish	Professional Engineer	985-668-2561
38		Milford, III	Gene	Gene Milford and Associates	Resource Manager	504-620-3108
39		Mullarkey	Christine	Gene Milford and Associates	Resource Manager	985-594-3725
40		Naquin	Albert	CB&I	Senior Vice President	985-668-3434
41		Pena	Oscar	Terrebonne General Medical Center	CEO	985-873-5050
42		Peoples	Phyllis	St. Charles Parish	OEP Director	985-873-6523
43		Perry	Rom	Terrebonne Parish Council	Council Clerk	985-873-6568
44		Peterson	Kris	Terrebonne Parish Council	Council Clerk	985-649-0429
45		Poche	Charlette	Terrebonne Parish Council	Council Clerk	985-876-6380
46		Pullaski	Chris	Terrebonne Parish Council	Council Clerk	985-868-1050
47		Rhette	Frank	Terrebonne Parish Council	Council Clerk	985-879-2495
48		Schexnayder	Phil	Gulf South Engineering Associates, Inc.	Meteorologist	985-879-2495
49		Smith	Kenneth	T. Baker Smith	Professional Engineer	985-879-2495
50		Sobert	Michael	Terrebonne Parish	President/CEO	985-879-2495
51		Taslet	Jason	Terrebonne Parish	General Manager	985-783-5050

52	(VIA) DAVID WALTZ	Rebecca - David	Bayou Grace David Waltz Engineering	Professional Engineer	985-594-5350 985-876-0287	rebecca@bayougrace.org dwaltz@billsouth.net	bayougrace@bayougrace.org
53	Wendy	Rebecca - David	Bayou Grace David Waltz Engineering	Professional Engineer	985-594-5350 985-876-0287	rebecca@bayougrace.org dwaltz@billsouth.net	bayougrace@bayougrace.org
54	Wendy	Rebecca - David	Bayou Grace David Waltz Engineering	Professional Engineer	985-594-5350 985-876-0287	rebecca@bayougrace.org dwaltz@billsouth.net	bayougrace@bayougrace.org
	Cheryl	Rebecca - David	Bayou Grace David Waltz Engineering	Professional Engineer	985-594-5350 985-876-0287	rebecca@bayougrace.org dwaltz@billsouth.net	bayougrace@bayougrace.org
	Michelle	Rebecca - David	Bayou Grace David Waltz Engineering	Professional Engineer	985-594-5350 985-876-0287	rebecca@bayougrace.org dwaltz@billsouth.net	bayougrace@bayougrace.org
	Shirley	Rebecca - David	Bayou Grace David Waltz Engineering	Professional Engineer	985-594-5350 985-876-0287	rebecca@bayougrace.org dwaltz@billsouth.net	bayougrace@bayougrace.org
	Lea	Rebecca - David	Bayou Grace David Waltz Engineering	Professional Engineer	985-594-5350 985-876-0287	rebecca@bayougrace.org dwaltz@billsouth.net	bayougrace@bayougrace.org
	Travis	Rebecca - David	Bayou Grace David Waltz Engineering	Professional Engineer	985-594-5350 985-876-0287	rebecca@bayougrace.org dwaltz@billsouth.net	bayougrace@bayougrace.org
	John	Rebecca - David	Bayou Grace David Waltz Engineering	Professional Engineer	985-594-5350 985-876-0287	rebecca@bayougrace.org dwaltz@billsouth.net	bayougrace@bayougrace.org
	Suzanne	Rebecca - David	Bayou Grace David Waltz Engineering	Professional Engineer	985-594-5350 985-876-0287	rebecca@bayougrace.org dwaltz@billsouth.net	bayougrace@bayougrace.org
	Michelle	Rebecca - David	Bayou Grace David Waltz Engineering	Professional Engineer	985-594-5350 985-876-0287	rebecca@bayougrace.org dwaltz@billsouth.net	bayougrace@bayougrace.org
	Shirley	Rebecca - David	Bayou Grace David Waltz Engineering	Professional Engineer	985-594-5350 985-876-0287	rebecca@bayougrace.org dwaltz@billsouth.net	bayougrace@bayougrace.org
	Lea	Rebecca - David	Bayou Grace David Waltz Engineering	Professional Engineer	985-594-5350 985-876-0287	rebecca@bayougrace.org dwaltz@billsouth.net	bayougrace@bayougrace.org

(c) 404-386-6713 bayougrace@bayougrace.org

exec. director

Mary

Guendol - Biesler

Michelle Liner
Shirley Nail
Lea Ratterz

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985-637-3999 2pelegrino@msa.com
985-876-1400 jhooce@tca.org
985-804-5883 sig 550.comcast.net
985 851-2952 michelle.net@tca4la.com
985-637-2255 snail@kumax.net
985-446-1903 CEARRETHOMES@CHARTER.NET

Attachment c1-3.1C
Meeting 1—Meeting Agenda and Summary Meeting Notes

TERREBONNE
HAZARD MITIGATION PLAN UPDATE

5/22/2014

@ 2:00 P.M

8026 Main Street

2nd Floor Council Meeting Room

Houma, Louisiana

I. INTRODUCTIONS AND WELCOME

The Terrebonne Parish Hazard Mitigation Plan Update Committee held their first open to the public meeting at the Terrebonne Parish Council Meeting Room in Houma, Louisiana, on Thursday, May 22, 2014. The purpose of the meeting was to introduce the committee and discuss an overview of the Plan Update process. Handouts attached include an agenda, the Hazard Mitigation Plan Update from 2010, the Comprehensive Master Plan, and the mitigation project list.

Michel Claudet, Terrebonne Parish President, welcomed and thanked everyone for coming and informed them that this is a parish effort and he is thankful for the participation of attendees.

Nicole Cutforth from CB&I introduced herself and discussed that CB&I was hired by Terrebonne Parish to update the Hazard Mitigation Plan for 2015. Nicole informed the attendees that throughout the planning process we want to make sure that we are incorporating the effort into other planning processes.

Jennifer Gerbasi from Terrebonne Parish also welcomed everyone and informed the committee that if anyone else is interested in the planning process that the meetings are open to the public and all are welcome to participate. The committee was also informed that the meetings will now be held at Folklife Museum.

Nicole asked attendees to introduce themselves and provide what agency they represent.

Nicole informed everyone that there are a total of 3 meetings and there will be meeting notes mailed out along with her information if anyone has any questions or input between meetings. Also, there will be significant data gathered between meetings. Prior to the second meeting all the maps will be updated along with the project list, critical facilities list and risk

portion from the past Hazard Mitigation Plan with input from the parish and committee.

Pat Gordon, Terrebonne Parish Consolidated Government (TPCG) Planning and Zoning Director, volunteered to take the role of Committee Chair Person for Terrebonne Parish Hazard Mitigation Plan Update.

II. PURPOSE, NEED, AND EXPECTATIONS

Nicole informed the attendees about the grant that Terrebonne Parish has received to update the Hazard Mitigation Plan. The grant is a Pre-Disaster Mitigation Grant (PDM) and it flows from Federal Emergency Management Agency (FEMA) to the Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP) to TPCG.

Nicole defined Hazard Mitigation Planning to the crowd and explained that it is "Planning for any sustained action(s) taken to reduce or eliminate the long-term risk to human life and property from hazards."

A few definitions that will be used throughout the planning process were discussed such as Hazard, Vulnerability, Vulnerability Assessment, Risk, and Risk Assessment.

The state (GOHSEP) is our guide in the planning process and will be attending the meetings to make sure that Terrebonne Parish is covering all topics necessary for approval. The past & present planning standards were discussed and the mitigation plan has to be updated every 5 years for TPCG to remain eligible for Hazard Mitigation Grant Program (HMGP) funds. Nicole informed the committee that this plan should be Terrebonne Parish's plan and the committee's input into this plan is much appreciated.

Terrebonne's plan was approved in 2010 but there are new hazards and criteria that need to be incorporated and including how the parish resources can be allocated to expedite the implementation of hazard mitigation projects. Input regarding the project lists that are sent out between updates is imperative to the planning process.

Nicole discussed all the new data that we need to incorporate into the new plan including vulnerability analyses, any changes in hazard identification, different flood inundation areas, where the committee thinks we should spend extra time on modeling, and progress of projects that has been made in the past 5 years. Community Rating System (CRS) principles will also be discussed in the future meetings.

The planning process was discussed and phases were described (see attached PowerPoint slide 10). The idea is to stay circling between phase

1, 2, and 3 within the planning process to ensure that there is enough input from the committee for the Hazard Mitigation Plan Update.

III. PARTICIPATION STRATEGY

Participating Agencies and a list of stakeholders on the steering committee was discussed. Nicole encouraged attendees to invite as many people as possible to attend plan update meetings.

The committee structure was discussed and what would be discussed at the meetings in the future. Nicole encouraged the committee and parish for their input on this plan as it is imperative to make it customized to Terrebonne Parish.

IV. PLAN REVIEW

Nicole discussed the existing plan overview and an overview of what this process holds.

Nicole broadly discussed the Community Rating System and how the planning process will be implemented.

Goals and Critical Facilities were discussed and will be updated throughout this plan. The committee asked to add the Civic Center, Public Works and Acadian Ambulance to the Critical Facilities list.

Nicole discussed the four tasks of risk assessment and eligible hazard mitigation projects (see handout) and discussed that the projects on the handout will be looked at for funding as it becomes available. Also, the committee was encouraged to list any projects so they can be incorporated including the following:

- Hardening or Retrofitting of Critical Facilities
- Drainage
- Increasing culvert size
- Increasing pump station capacities
- Elevation of structures that have flooded
- Safe Rooms
- Etc.

Funding and match percentages were discussed. Non-HMGP funds including PDM and Flood Mitigation Assistance (FMA), are available every year. The funding process flows from FEMA to GOSHEP to TPCG.

The hazards that are identified in the plan were discussed. Some hazards That the committee asks to add include sea level rise, coastal erosion,

sinkholes, and ice events. Also, Hurricane Lee, Atchafalaya Flooding of 2011, and May/October flooding needs to be added to the plan's flood event profiles.

Maps were discussed and will be updated for the next meeting.

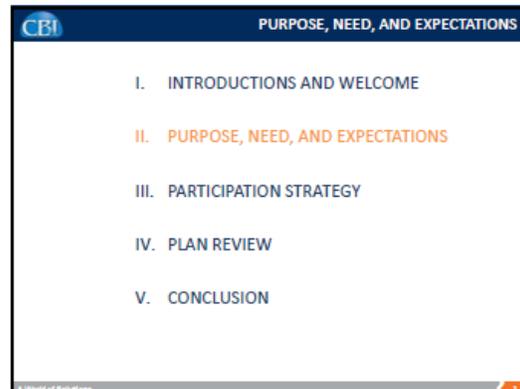
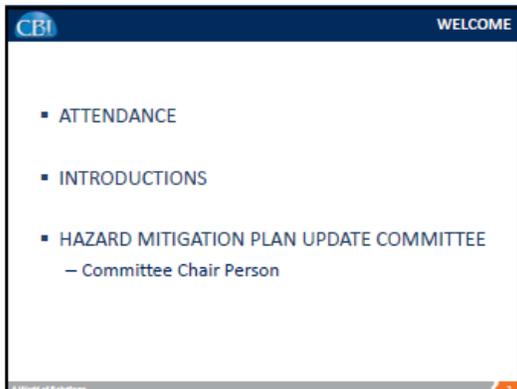
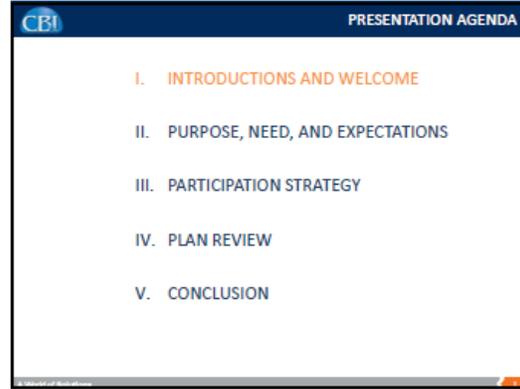
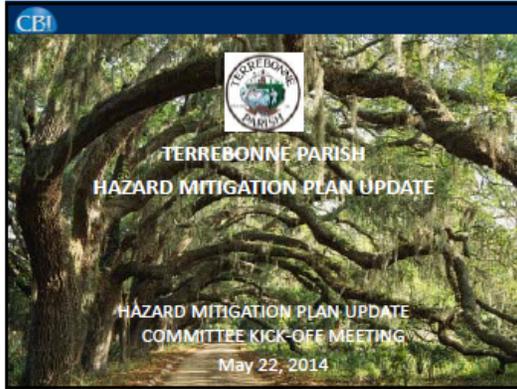
V. QUESTIONS/COMMENTS

- Data that will be sent out for committee's input includes the project list, goals, etc.
- Project list needs to have all projects that can reduce damages from hazards
- Between meetings, any participation is encouraged
- Next meeting (4-6 weeks) will include Risk Assessment, Map Review/Editing, Project list/Prioritize

VI. CONCLUSION

VII. ADJOURN

**Attachment c1-3.1D
Meeting 1—PowerPoint Presentation Slides**



CBI PURPOSE, NEED, AND EXPECTATIONS: DEFINITIONS

- **Hazard**—a source of potential danger
- **Vulnerability**—Degree of exposure or susceptibility to damage of an asset
- **Vulnerability Assessment**—The extent of damage that may result from a hazard event of a given intensity (50, 100 yr. flood; Cat. 1, 2, ...5 hurricane)
- **Risk**—The estimated impact that a hazard would have on people, services, facilities, and structures—quantifiable
- **Risk Assessment**—Process of measuring the potential loss of life, personal injury, economic injury, and property damage

CBI PURPOSE, NEED, & EXPECTATIONS: WHY HAZARD MITIGATION PLANNING?

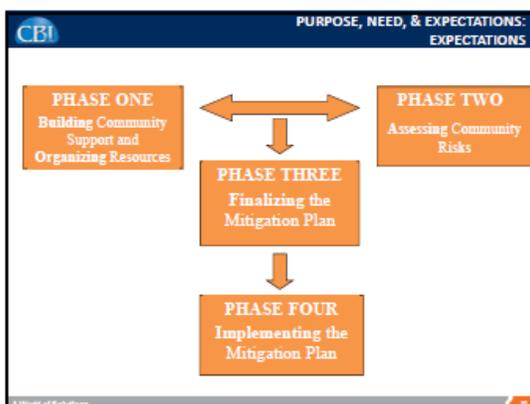
- **Why “plan”?**—State approach—parishes to state
 - Establish vision and mission
 - Establish common goals
 - Incorporate the “big picture”
 - Bring many stakeholders together
 - Establish community connectivity... coordination and communications
 - Look at resource allocation (time, money, etc.)
 - Ensure ability to implement, monitor, evaluate, and modify

CBI PURPOSE, NEED, & EXPECTATIONS: WHY UPDATE HAZARD MITIGATION PLAN?

- Eligibility for mitigation grant project funding
- Any changes in hazard identification
- Vulnerability analyses
- Local mitigation capabilities
- Progress made during the past five years to prevent or reduce future losses from natural hazards

CBI PURPOSE, NEED, & EXPECTATIONS: ORIGINS

- Past: Federal legislation funded disaster relief, recovery, and some mitigation planning
 - Standard codes and planning were linked in same law
- Present: Disaster Mitigation Act of 2000 (DMA 2000)
 - Reinforces importance of mitigation planning before hazards occur...” to reduce the nation’s disaster losses ...” (FEMA Interim Final Rule)
 - Establishes a pre-disaster hazard mitigation program
 - Creates new requirements for national post-disaster Hazard Mitigation Grant Program (HMGP)
 - Requires states and communities to have an approved mitigation plan in place prior to receiving post-disaster HMGP funds



CBI LIST OF TASKS

- Planning Process
- Risk Assessment
- Mitigation Strategy
- Plan Maintenance
- Additional State Requirements
- Plan Hazard Mitigation Adoption and Approval
- Hazard Mitigation Plan Deliverables

CBI SECTION III: PARTICIPATION STRATEGY

- I. INTRODUCTIONS AND WELCOME
- II. PURPOSE, NEED, AND EXPECTATIONS
- III. PARTICIPATION STRATEGY
- IV. PLAN REVIEW
- V. CONCLUSION

CBI PARTICIPATION STRATEGY

Participating Agencies:

City of Houma Fire Chief	Terrebonne General Medical Center
David Waltz Engineering & Surveying	Terrebonne Levee and Conservation District
Gene Milford and Associates, Inc.	Terrebonne Parish Consolidated Government
Gulf South Engineering Associates, Inc.	Terrebonne Parish Readiness and Emergency Coalition
Houma-Terrebonne Chamber of Commerce	Terrebonne Parish Sheriff's Office
Regulatory Planning Commission	Water District
CBSI	
South Central Industrial Association	
T. Baker Smith	



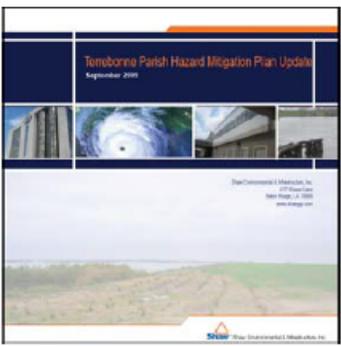
CBI PARTICIPATION STRATEGY CONTINUED

- Committee Structure
 1. Expand/Contract
 2. Steering Committee
 3. Meeting Location/Frequency?
- Developing a Plan for Public Relations & Education
- Concerns, Comments, Questions
- Other Issues?

CBI PLAN REVIEW

- I. INTRODUCTIONS AND WELCOME
- II. PURPOSE, NEED, AND EXPECTATIONS
- III. PARTICIPATION STRATEGY
- IV. PLAN REVIEW
- V. CONCLUSION

CBI PLAN REVIEW: TERREBONNE PARISH HAZARD MITIGATION PLAN
SEPTEMBER 2009



CBI EXISTING PLAN OVERVIEW

REVIEW AND UPDATE:

- **THE PLANNING PROCESS**
 - Public comment
 - Involvement in the planning process
 - Incorporate appropriate existing plans
- **PLAN CONTENT**
 - Documentation of the planning process
 - Risk assessment
 - Type, location, extent of all natural hazards that affect the jurisdiction
 - Jurisdiction vulnerability to the hazards, summary of each hazard and its impact on the community
 - Describe vulnerability of the types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard areas
 - Estimate of potential dollar losses

CBI EXISTING PLAN OVERVIEW (contd.)

REVIEW AND UPDATE:

- **HAZARD MITIGATION STRATEGIES**
 - Goals
 - Specific mitigation actions and projects
 - Action plan with prioritization
- **PLAN MAINTENANCE PROCEDURES**
 - Method and schedule of monitoring, evaluating, and updating the mitigation plan
 - Process by which local government can incorporate the requirements of the mitigation plan into other planning mechanisms (comprehensive or capital improvement plans) when appropriate
 - Discussion of how community will continue public participation and plan maintenance

CBI CRS/NFIP REQUIREMENTS

- **HANDOUT**
- The National Flood Insurance Program's (NFIP) Community Rating System (CRS) is a voluntary incentive program that recognizes and encourages community floodplain management activities that exceed the minimum NFIP requirements.
 - As a result, flood insurance premium rates are discounted to reflect the reduced flood risk resulting from the community actions meeting the three goals of the CRS:
 - Reduce flood damage to insurable property;
 - Strengthen and support the insurance aspects of the NFIP, and
 - Encourage a comprehensive approach to floodplain management.

<http://www.fema.gov/national-flood-insurance-program-community-rating-system>

CBI EXISTING PLAN (SEPTEMBER 2009) GOALS OVERVIEW

GOAL 1 Identify and pursue preventive measures that will reduce future damages from hazards.

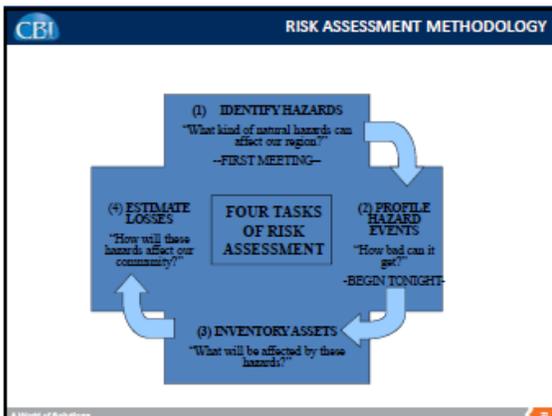
GOAL 2 Enhance public awareness and understanding of disaster preparedness.

GOAL 3 Reduce repetitive flood losses in the parish.

GOAL 4 Facilitate sound development in the parish to reduce or eliminate the potential impact of hazards.

CBI PLAN REVIEW: CRITICAL FACILITIES

- **CRITICAL FACILITIES**
 - HOSPITALS
 - SCHOOLS
 - POLICE STATIONS
 - FIRE STATIONS
 - POWERPLANTS
 - SEWER
 - POTABLE WATER
 - EMERGENCY OPERATIONS CENTER



CBI ELIGIBLE HAZARD MITIGATION PROJECTS

- **HARDENING OR RETROFITTING OF CRITICAL FACILITIES**

ELIGIBLE HAZARD MITIGATION PROJECTS (CONTD.)

- DRAINAGE IMPROVEMENTS TO EXISTING FACILITIES

ELIGIBLE HAZARD MITIGATION PROJECTS (CONTD.)

- ELEVATION

ELIGIBLE HAZARD MITIGATION PROJECTS

- SAFE ROOMS
- 5% INITIATIVES (PUBLIC EDUCATION, WARNING SYSTEMS, GENERATORS, ETC.)

FUNDING

- MITIGATION FUNDING LEVELS HAVE VARIED...
 - PRE-KATRINA/RITA: GOHSEP FUNDING
 - TARGET=\$35-40M PER YEAR
 - POST-KATRINA/RITA: HMGP=\$1.5B TO AFFECTED AREAS
 - FUTURE FUNDING OF PROJECTS:=? (FUNCTION OF NEXT DISASTER EVENT)

...BUT FUNDING HAS BEEN AVAILABLE VIRTUALLY EVERY YEAR

FUNDING PROCESS

```

    graph TD
      FEMA[FEMA (Federal)] --> GOHSEP[GOHSEP (State)]
      GOHSEP --> Parish[Terrebonne Parish Government]
  
```

RISK ASSESSMENT: IDENTIFY HAZARDS

- Simply identify what hazards might affect the community
- Narrow the list to hazards that are most likely to impact
- Keep records of information gathered
 - News papers and other unofficial accounts
 - Federal and state data base info
 - Community expert and parish/municipal data
 - Etc.

Hazard	How often?	How many people affected?	How much damage?	How often?	How many people affected?	How much damage?
Earthquake						
Coastal Erosion						
Storm Surge						
Soft Seafloor						
Explosion/Fire						
Gas Leak						
Industrial						
Land Subsidence						
Landfill						
Leaking Pipeline						
Nuclear						
Oil Spill						
Other						
Other						
Other						

RISK ASSESSMENT: PROFILE HAZARD EVENTS

•Has your department/district suffered losses during past storm events due to flooding or wind that could have been prevented?

•Do you foresee a future scenario where your department/district might be susceptible to losses as a result of a storm event?

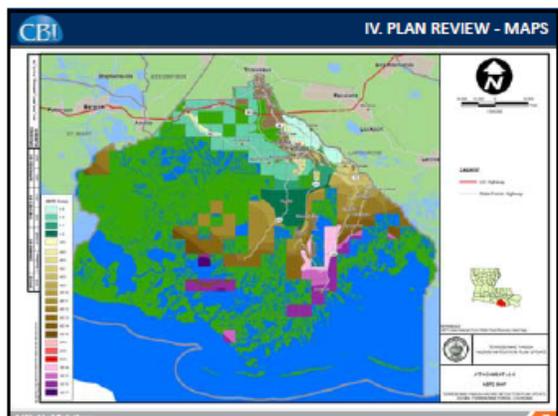
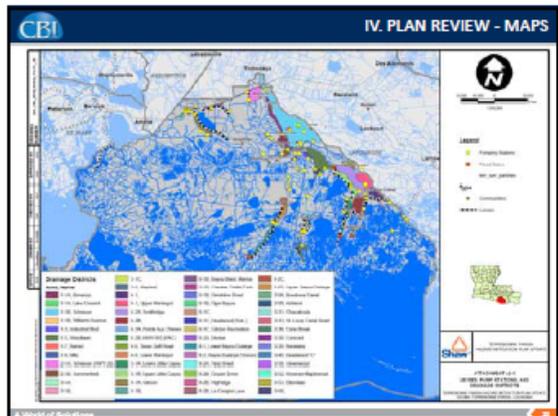
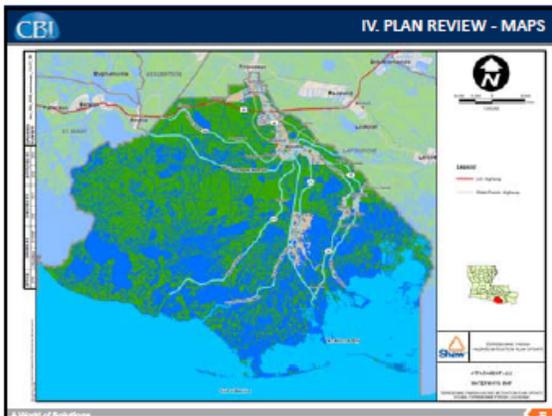
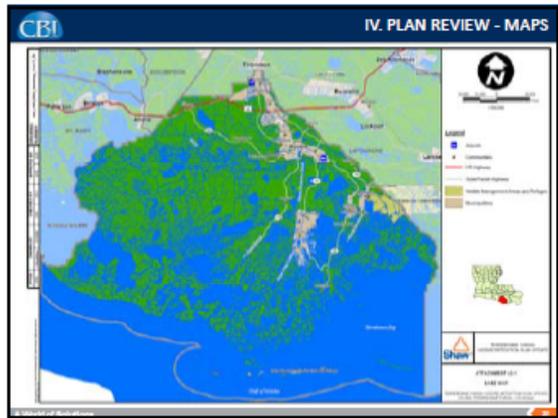
•Obtain and create base maps

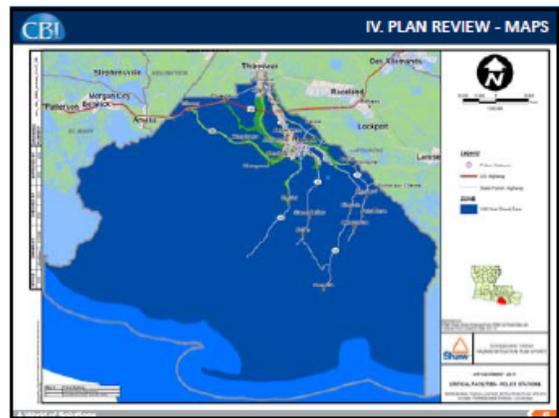
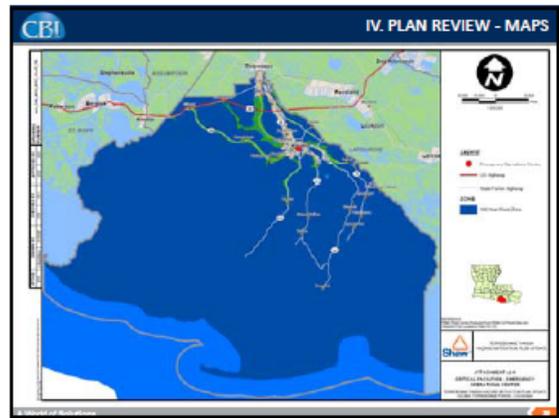
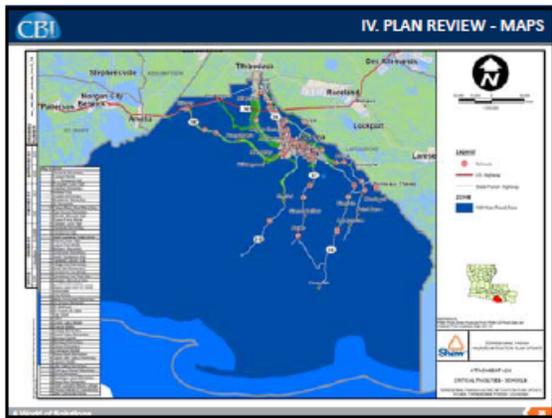
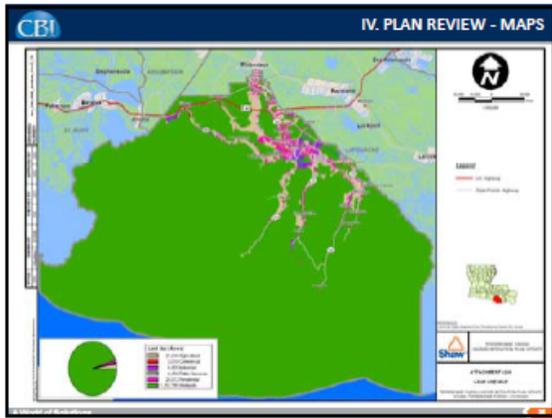
• Obtain hazard event profile information.

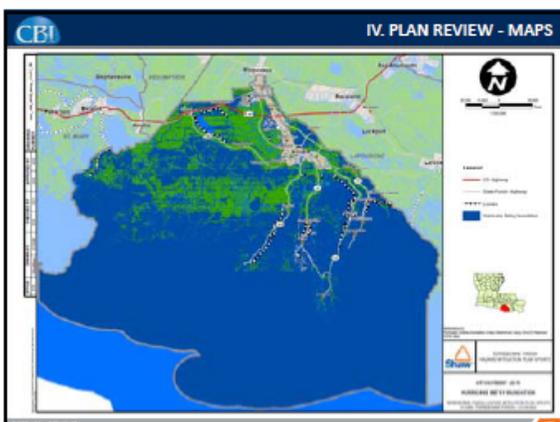
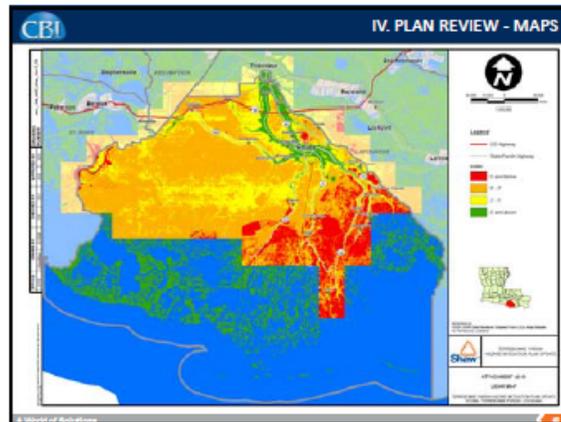
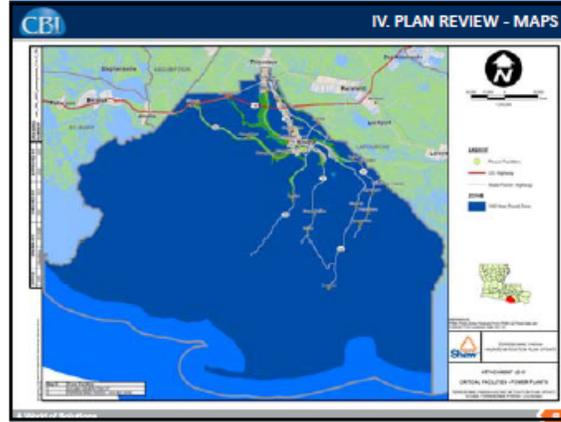
• Record the hazard event profile information.

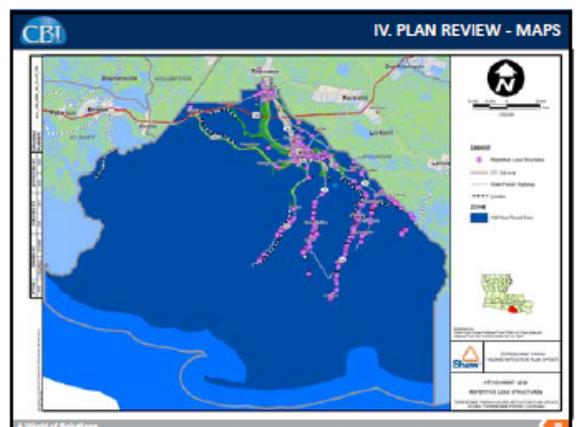
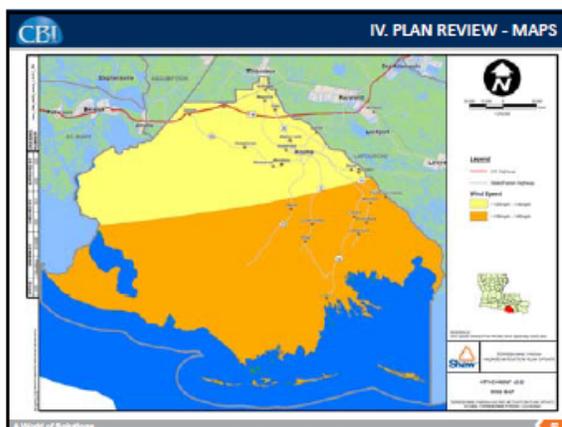
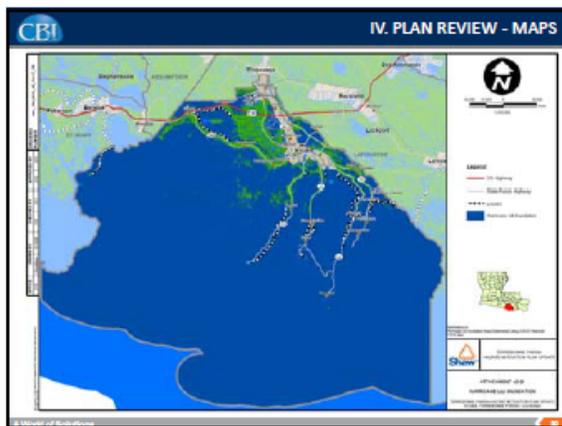
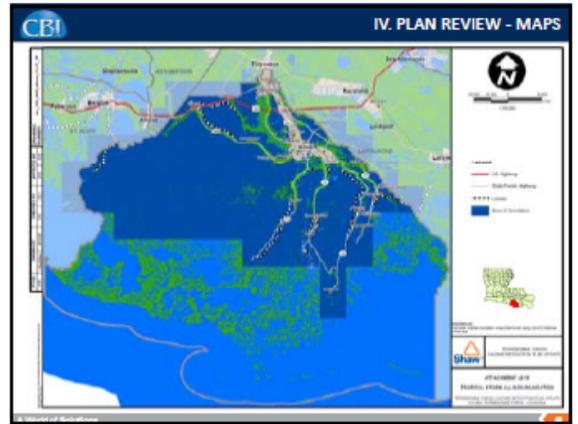
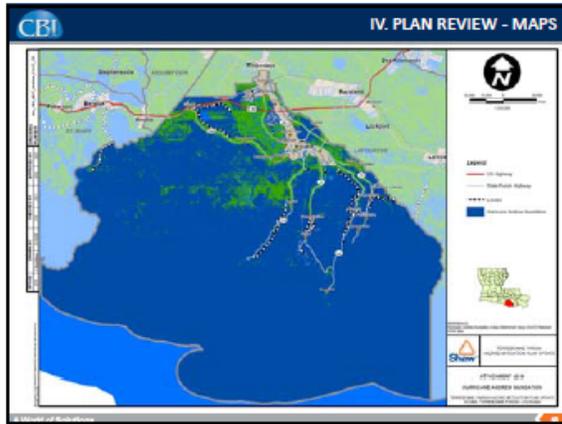
Current Plan:

- Hurricane Betsy
- Hurricane Juan
- Hurricane Andrew
- Tropical Storm Allison
- Hurricane Lili
- Hurricane Rita









CBI

- Project List

CBI CONCLUSION

- I. INTRODUCTIONS AND WELCOME
- II. PURPOSE, NEED, AND EXPECTATIONS
- III. PARTICIPATION STRATEGY
- IV. PLAN REVIEW
- V. CONCLUSION

CBI CONCLUSION

- I. Meeting Summary
 - A. Purpose, Need, and Expectations
 - B. Participation Strategy
 - C. Plan Review
 - D. Conclusion
- II. Tentative Agenda for Meeting 2
 - A. Risk Assessment
 - B. Map Review
 - C. Project Prioritization
- III. Schedule/Locate Next Meeting
- IV. Adjourn

CBI CONTACT INFORMATION

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PROJECT MANAGER
CBI
225-887-7979
NICOLE.CLIFORTH@CBI.COM

**Attachment c1-3.2A
Meeting 2—Advertisements**

**Public Notice
Meeting Announcement
Terrebonne Parish Hazard Mitigation Plan
Update 2014**

The Terrebonne Parish Consolidated Government is updating the parish's Hazard Mitigation Plan. The purpose of the plan update is to identify and pursue preventative measures that will reduce future damages from natural hazards. To continue the plan update, the Terrebonne Parish Hazard Mitigation Committee will discuss the risk assessment, the mapping effort, mitigation projects, and existing authorities, policies, and programs. The public is encouraged to attend this meeting.

**Thursday, July 17th, 2014 at 2:00 pm
Folk Life Museum
317 Goode Street
Houma, Louisiana 70360**

Please direct questions about the meeting to Nicole Cutforth, CB&I, at (985) 858-3983.

Attachment c1-3.2B Meeting 2—Sign-In Sheets

 SIGN IN						 Terrebonne Parish Hazard Mitigation Plan Update 2015 Thursday, July 17, 2014 2 PM Folklife Museum 317 Goode Houma, Louisiana		
#	Last Name	First Name	Organization	Title	Comments			
1	Adams	Phillip	TPCG Assessor's Office	Commercial Bldgs				
2	Allemand	Gwen						
3	Alford	Tony	Terrebonne Levee & Conservation District	President TLCD Board				
4	Arnette	Jane	South Central Industrial Association	Executive Director				
5	Babin	Danny	President of the Regulatory Planning Commission	Chairman				
6	Benoit	Eric	Lafourche Parish	Asst. OEP				
7	Belanger	Wanda	Southeast LA HBA					
8	Boudreaux	Chris	Lafourche Parish	OEP Director				
9	Boudreaux	John	Assumption Parish	OEP Director				
10	Boucvalt	Jobe	St. John	OEP Director				
11	Bourg	Doug	Terrebonne Parish Consolidated Government	Parish President Assistant				
12	Bourg	Tom	Terrebonne Parish Consolidated Government	Utility Director				
13	Bray	Jeanne	DPW	Engineer				
14	Bush	Gregory	Terrebonne Parish Consolidated Government	Public Works Director				
15	Carlos	Suzanne	Houma-Terrebonne Chamber of Commerce					
16	Case	Peggy	Terrebonne Readiness and Assistance Coalition	Executive Director				
17	Cehan	Connie	Terrebonne Parish School District					
18	Claudet	Michel	Terrebonne Parish Consolidated Government	Parish President				
19	Cloutier	Budd	Planning Commission	Chair				
20	Crispino	Steve	South Louisiana Bank	Vice President				



Terrebonne Parish Hazard Mitigation Plan Update 2015
Thursday, July 17, 2014 2 PM **Folklife Museum**
317 Goode Houma, Louisiana

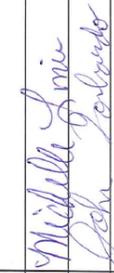
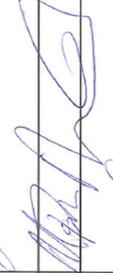
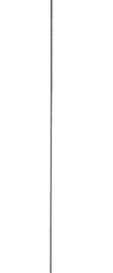


	Last Name	First Name	Organization	Title	Comments
21	Daigle	Melissa	LSU LA SeaGrants	Legal Coordinator	
22	Dardar	Thomas	United Houma Nation	Principal Chief	
23	Dardar	Shirell	Eloxi-Chitamacha Confederation of Miskogees	Deputy Chief	
24	DeFraites	Arthur	Gulf South Engineering	President	
25	Deroche	Eric	St. James Parish	OEP Director	
26	Drury	David	TPCG		
27	Dufrene	Chief	Houma Fire Department	Fire Chief	<i>TPCG Facilities Manager</i>
28	Duplantis	Duffy	TPCG	GIS	
29	Duplantis	Todd	TPCG	Houma Police Chief	
30	Dupre	Reggie	TLCD	Executive Director	
31	English	Nicolette	GOHSEP	Planner	
32	Eues	Earl	OEP-Terrebonne	Director	
33	Gauthie	David	BISCO		
34	Gerbasi	Jennifer	Terrebonne Parish Consolidated Government	Division Manager/Recovery Planner	
35	Gordon	Patrick	Planning and Zoning	Director	
36	Grabert	Loney	TPCG	Assessor	
37	Graham	Ken	NOAA	Meteorologist-in-Charge	
38	Gueniot-Blegler	Mary	Bayou Grace	Executive Director	
39	Hymel	Francis	St. James Parish	Asst. OEP	



Terrebonne Parish Hazard Mitigation Plan Update 2015
Thursday, July 17, 2014 2 PM Folklife Museum
317 Goode Houma, Louisiana



SIGN IN		Last Name	First Name	Organization	Title	Comments
40		Landry	Kayle	Assumption Parish	Asst. OEP	
41		Large	Geoff	Terrebonne Parish Consolidated Government	Chief Building Official	
42		Larpenier	Jerry	Terrebonne Parish Sheriff's Office	Sheriff	
43		LeBlanc	Kathy	Louisiana Department of Health & Human Services	Sanitarian	
44		Ledet	Brad	LaDay Construction		
45		Ledet	Lisa	Terrebonne Parish Consolidated Government	Floodplain Manager	
45		Levron	Al	Terrebonne Parish Consolidated Government	Capital Projects Admin.	
47		Liner	Michelle	Terrebonne Readiness and Assistance Coalition	Administrative Assistance	
48		Lombardo	John	? Restore or Retreat	? Outreach Coord	
49		Maloz	Simone	South Central Industrial Association	Representative	
50		Marmande	Mitch	Terrebonne Levee and Conservation District	Program Manager	
51		Martin	Philip	Terrebonne Parish School District	Superintendent	
52		Matherne	Alan	LSU Ag Center	Area Agent	
53		Matherne	Nicolas	Terrebonne Parish	Coastal	
54		Milford, III	Gene	Gene Milford and Associates	Professional Engineer	
55		Moore	Jack	Terrebonne Parish School District	Risk Management	
56		Mullarkey	Christine	Red Cross	Resource Manager	



Terrebonne Parish Hazard Mitigation Plan Update 2015
Thursday, July 17, 2014 2 PM Folklife Museum
317 Goode Houma, Louisiana



	SIGN IN		Last Name	First Name	REMAX	Organization	Title	Comments
57			Nail	Shirin	REMAX			
58			Naquin	Albert		Biloxi-Chitamachia Island Road Band	Chief	
59			O'Neal	Cindy		DOTD	State Floodplain Manager	
60			Pellegrin	Cynthia		ReMax Good Earth	Real Estate Broker	
61			Pena	Oscar		CB&I	Senior Vice President	
62			Peoples	Phyllis		Terrebonne General Medical Center	CEO	
63			Perry	Ron		St. Charles Parish	OEP Director	
64			Peterson	Kris		UNO-CHART		
65			Poche	Charlette		Terrebonne Parish Council	Council Clerk	
66			Pulaski	Chris		Terrebonne Parish Consolidated Government	Senior Planner - Plan/Zoning	
67			Riley	Mark		GOHSEP	Deputy Director, GOHSEP	
68			Rivette	Frank		NOAA	Meteorologist	
69			Rutter	Lea				
70			Schexnayder	Phil		Gulf South Engineering Associates, Inc.	Professional Engineer	
71			Smith	Kenneth		T. Baker Smith	President/CEO	
72			Sobert	Michael		Consolidated Waterworks District	General Manager	
73			Tastet	Jason		St. Charles Parish	OEP	

Attachment c1-3.2C
Meeting 2—Meeting Agenda and Summary Meeting Notes

TERREBONNE
HAZARD MITIGATION PLAN UPDATE

7/17/2014

@ 2:00 P.M

Folk Life Museum
317 Goode Street
Houma, Louisiana 70360

- **WELCOME AND INTRODUCTIONS**

The Terrebonne Parish Hazard Mitigation Plan Update Committee held their second open to the public meeting at the Folk Life Museum in Houma, Louisiana, on Thursday, June 17, 2014. The purpose of the meeting was to provide an opportunity to update maps, add new or update existing projects, and receive attendees input on hazard events.

Nicole Cutforth from CB&I introduced herself and asked attendees to introduce themselves, provide what agency they represent, and also provide one statement about what they would like learn from the second meeting.

- **SUMMARY OF FIRST MEETING**

Nicole reviewed the first meeting agenda and discussed that the goal of the Hazard Mitigation Plan Update is for it to be approved by both FEMA and GOHSEP so that Terrebonne Parish remains eligible for Hazard Mitigation Grant Program funds. She reiterated that the plan is a living document.

- **DATA INVENTORY AND MAPS PRESENTATION**

Nicole broadly discussed the updated maps for the Hazard Mitigation Plan and explained that the updated maps and markers were provided on each table for input from the attendees.

Nicole explained that all hazard events should be profiled for the plan update procedure. She explained the impacts that occurred during past hurricanes, such as Gustav, Ike, Isaac, etc. and flooding events, such as Flood of May 2011, Flood of July 18, 2011, Tropical Storm Lee, etc., and also how the barge in Bayou Chene kept the backwater flooding from reaching Terrebonne Parish during the Flood of May 2011. Nicole discussed with the attendees that no data has been found for the October Flooding (2013)/ May Flooding (2014) and the attendees agreed to remove these flood events from the plan.

Reggie Dupre with TLCD noted flooding damage occurred to Reach J2 during Lee and Isaac. It was also discussed that there was overtopping of a few reached during Gustav but only lasted about two hours. Mitch Marmande with TLCD commented that the jail flooded during Ike instead of Gustav.

- **RISK ASSESSMENT**

Nicole discussed that FEMA has various worksheets (3A & 4) used for calculating risk assessments for the Hazard Mitigation Plan Update.

Nicole defines the composite risk flood area as a compiled map of the 100-year floodplain and historical flood events. She discussed worksheet #3A “Inventory Assets of the Parish” and what it entails. In the next meeting once all flood inundation maps are compiled, the map will then be inserted into HAZUS (a FEMA software). HAZUS produces loss estimates on types of structures (residential, commercial, etc.) and critical facilities. The data from HAZUS will be presented at the next meeting.

Repetitive Loss Structures were defined and it was noted that they are tracked by FEMA and the NFIP.

- **HAZARD EVENT PROFILES**

Nicole discusses the hazards that Terrebonne Parish will be profiling in the 2015 Update. The focus tends to be more on flooding and wind because those hazards create the most damage in South Louisiana, but Nicole stressed that the plan will also profile every other natural hazard that Terrebonne Parish can possibly have damages from and receive mitigation funds. The other hazards include drought, hailstorms, tornadoes, winter storms, land subsidence, sea level rise, coastal erosion, saltwater erosion, and sinkholes.

Mitigation Goals were discussed and explained that they are generic enough to be a “catch all” for any type of hazard mitigation project.

Nicole explained that the Project List is organized by source so there may be projects that are listed multiple times. She discussed how we want to include any project that will reduce or eliminate any type of hazards that have been discussed. She stressed that we do not want to focus on HMGP eligibility; various grants will be able to fund projects within a parish approved plan (ex. CDBG). The plan will go to council and will have to be approved as part of the FEMA requirements.

Some projects that were discussed are as follows:

- Two water treatment plants (Schriever/Houma) need shutters
- Drinking water structures on Bayou Black that Waterworks operates that fall in the Morganza alignment. The project to be added would elevate the structure.
- Gibson/Bayou Black (levee map) – Gibson alignment to be added

Pat Gordon with Terrebonne Parish Consolidated Government (TPCG) discussed that these projects are not 100% funded and it is normally a 25% match.

Jennifer Gerbasi with TPCG discussed that generators are now a stand-alone project.

A concern was raised that the Parish should analyze the HMGP funding process. For example, one expects the project to be \$600,000.00 and it turns into a \$1M job through GOHSEP/FEMA review.

Nicole discussed that they should look at the project list as a “wish list” and provide all projects that need to be completed that can lessen the effects from natural hazards so that all projects needing funding can be in a parish approved plan.

- **DETERMINE MITIGATION STRATEGIES**

Nicole explains that once all projects are identified, they will be prioritized in the next meeting. FEMA requires that we keep the STAPLEE criteria in mind while prioritizing.

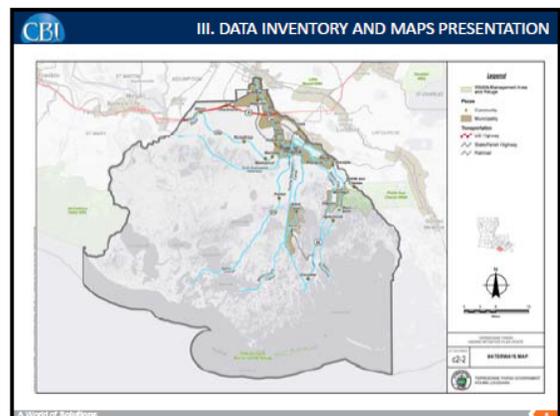
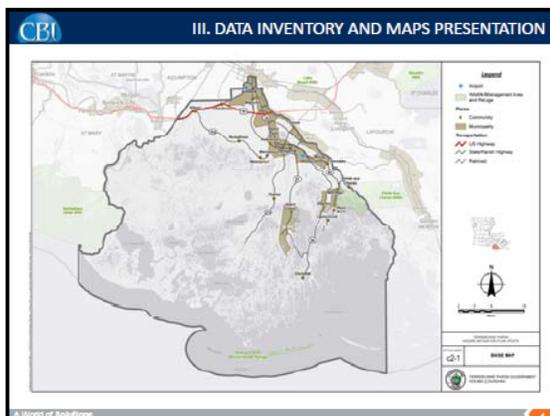
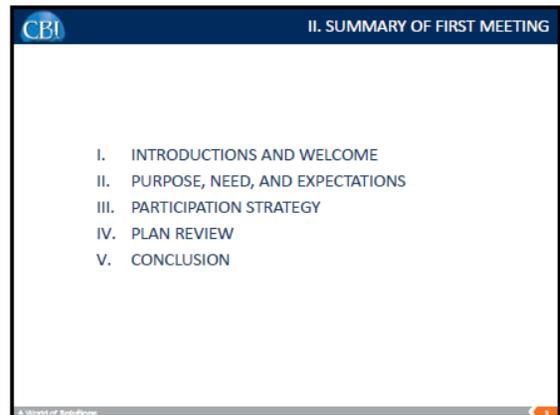
- Social – Is the mitigation strategy socially acceptable?
- Technical – Is the proposed action technically feasible and cost effective? Does it provide the appropriate level of protection?
- Administrative – Does the parish have the capability to implement the action? Is the lead agency capable of carrying out oversight of the project?
- Political – Is the mitigation action politically acceptable?
- Legal – Does the parish have the authority to implement the proposed measure?
- Economic – Does the economic base, protected growth and opportunity costs justify the mitigation project?
- Environmental – Does the proposed action meet statutory considerations and public desire for sustainable and environmentally healthy communities?

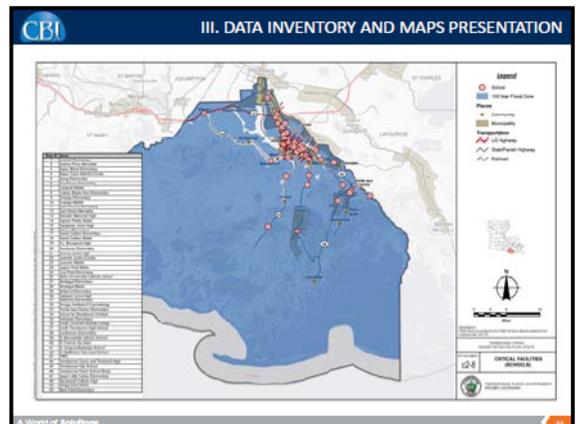
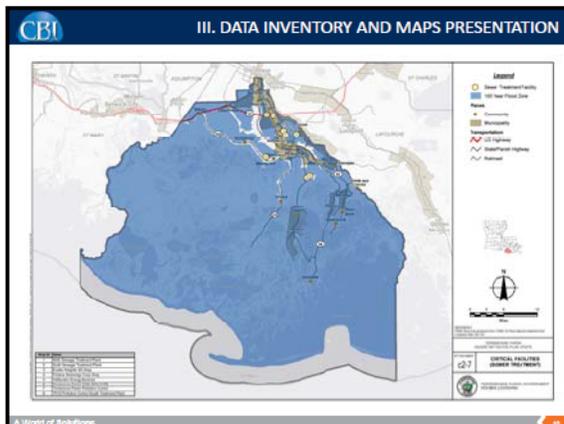
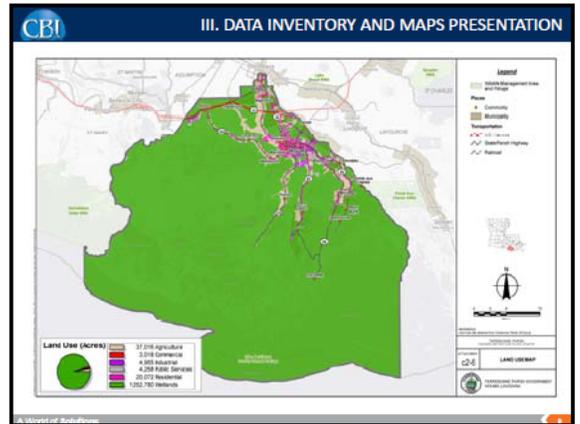
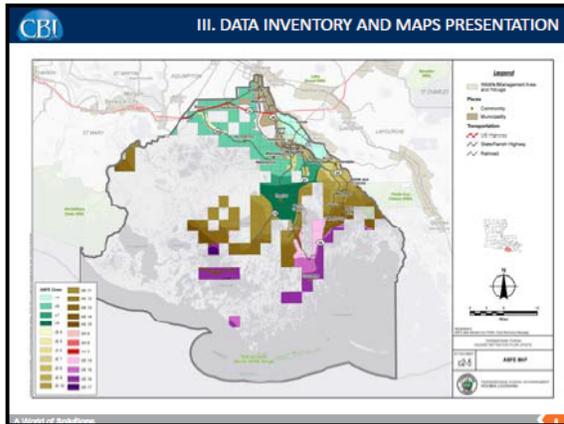
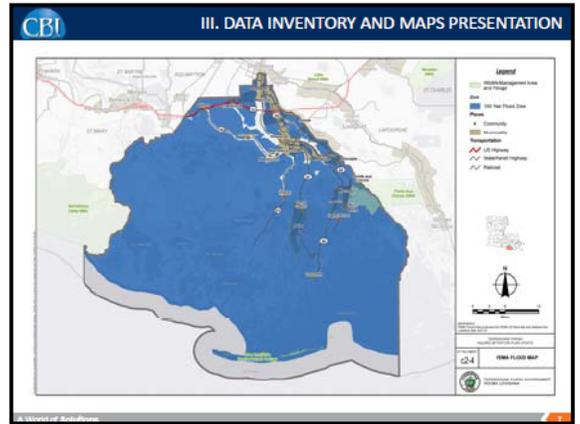
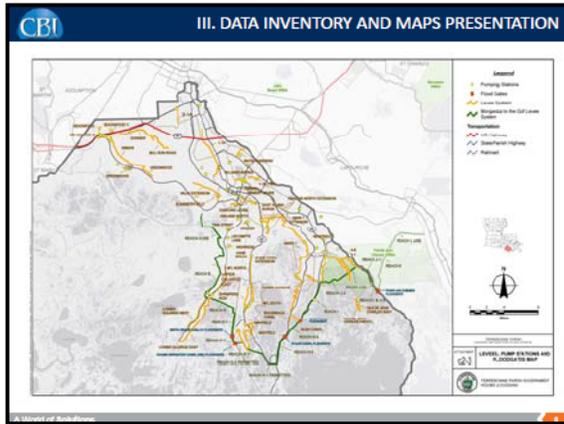
- **CONCLUSION**

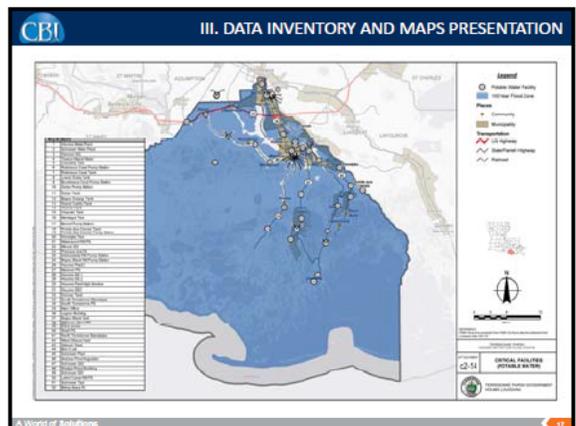
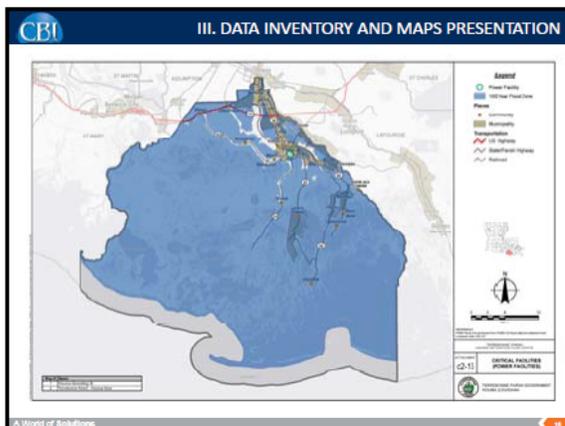
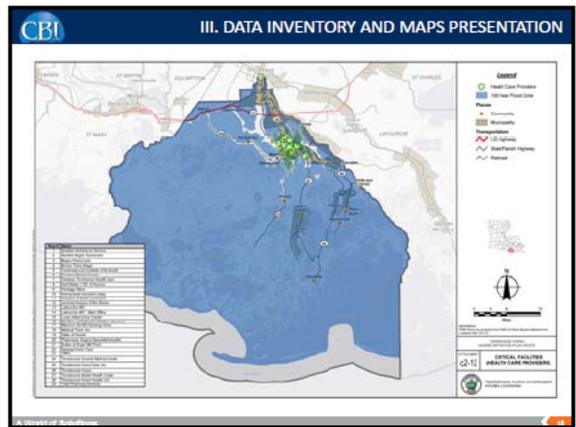
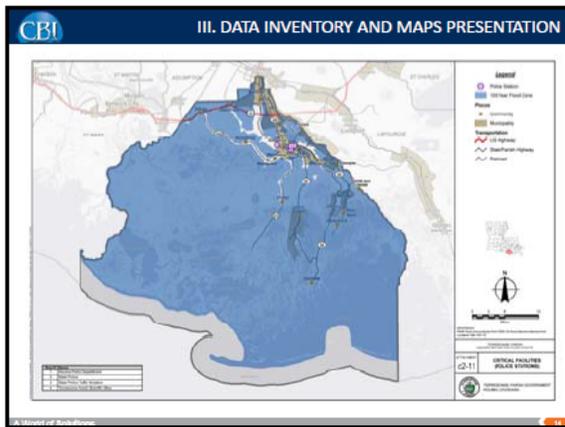
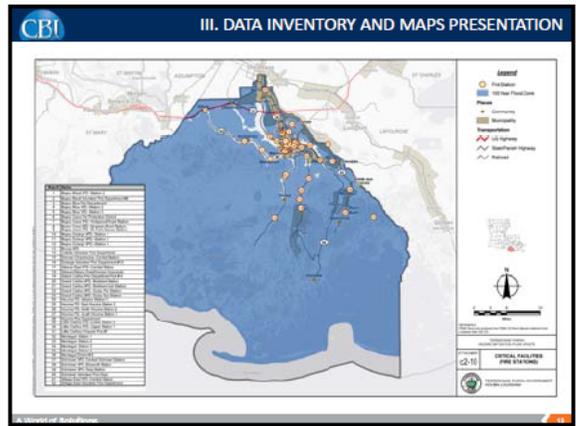
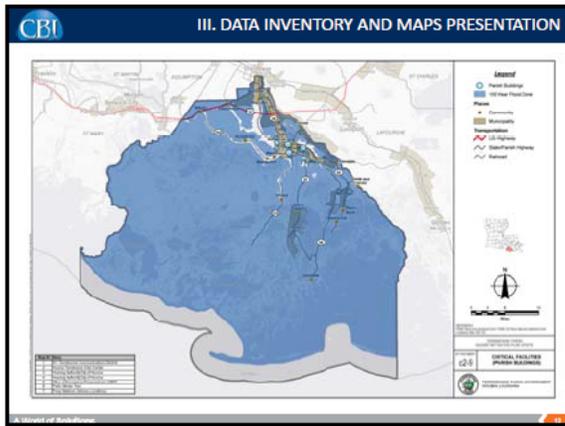
Next meeting will:

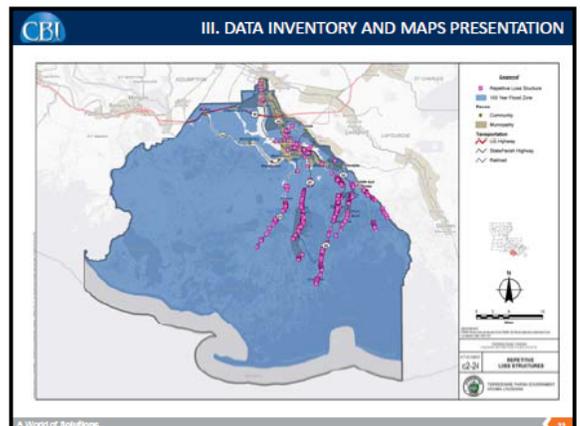
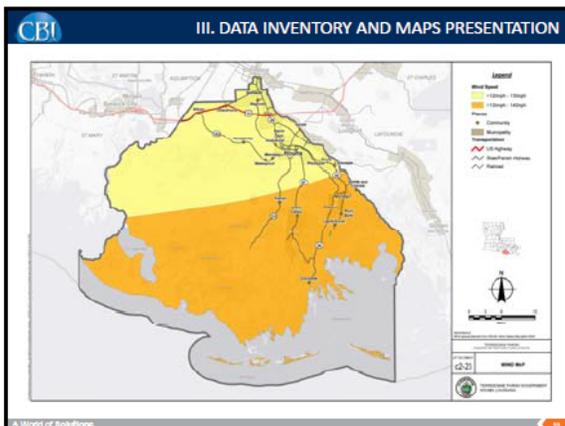
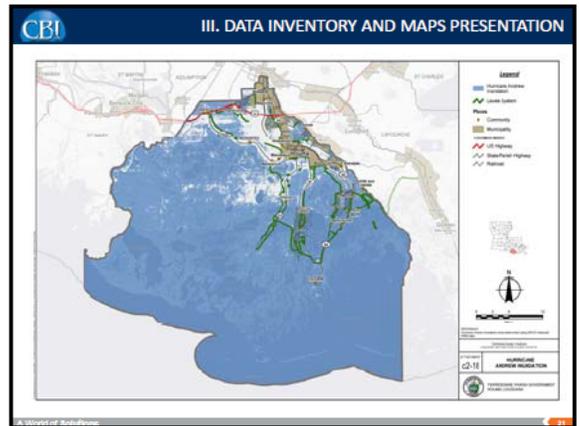
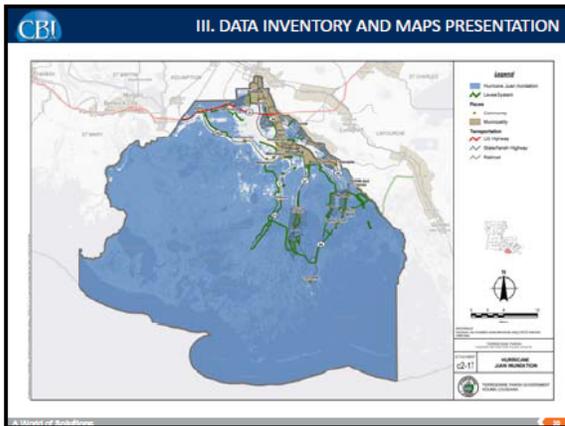
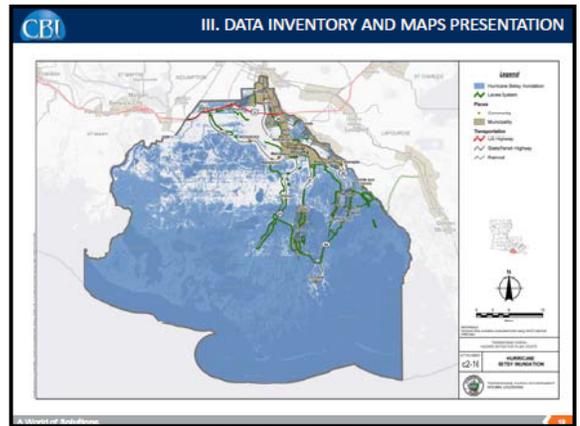
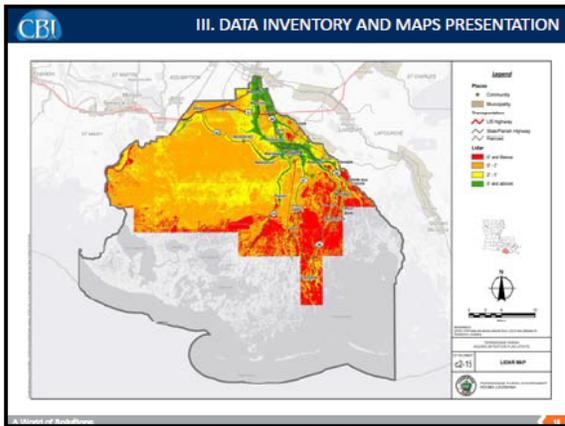
- Review Updated Maps
- Review Risk Assessment
- Prioritize Project List

Attachment c1-3.2D Meeting 2—Power Point Presentation Slides









CBI III. DATA INVENTORY AND MAPS PRESENTATION

- **Hurricane Gustav**
- Mandatory Evacuation of 2,300 residents
- 100% of Parish experienced loss of electrical service
- Drinking water system damaged and required a boil water advisory, affected the opening of two major hospital systems within Terrebonne Parish
- Parish experienced Category 2 hurricane force winds
- Major structural damage widespread throughout Terrebonne Parish
- Jail flooded
- Hospital parking lot flooded (couldn't get to Chabert)

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CBI III. DATA INVENTORY AND MAPS PRESENTATION

- **Hurricane Ike**
- Major storm surge flooding throughout Terrebonne Parish, mostly south of the Intracoastal Waterway. Storm surge flooding also noted in western end of Parish.
- Storm surge was approximately 7 to 8 feet.
- Levee breached and overtopped from storm surges
- Damage to drainage pump stations.
- Shelters opened to house residents affected by storm surge flooding.

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CBI III. DATA INVENTORY AND MAPS PRESENTATION

- **Flood of May 2011 (Atchafalaya High Water Event)**
 - No flooding
- Prepped pumps
- Levees built in time to prevent damages
- Tiger Tubes, Sheetpile, Hesco baskets Placed
- If barge in Bayou Chene hadn't been successful, new levees wouldn't have held

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CBI III. DATA INVENTORY AND MAPS PRESENTATION

- **Flood of July 18, 2011**
- Street flooding
- Catch basin clogging
- Debris blocking drains
- Clearing culverts & trash screens

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CBI III. DATA INVENTORY AND MAPS PRESENTATION

- **Tropical Storm Lee**
- North shore of Lake Boudreaux Lost material /Rock Dike \$1.2MM
- Bellaire Lift Station Flooded
- Not as severe as other listed storms

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CBI III. DATA INVENTORY AND MAPS PRESENTATION

- **Hurricane Isaac**
- Debris due to wind damage
- Signs/ bridges/ traffic lights needed repair
- Island Road shoulder damage
- Damage to the South treatment plant oxidation pond

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III. DATA INVENTORY AND MAPS PRESENTATION

- October Flooding (2013)/May Flooding (2014)
 - REMOVE?

IV. RISK ASSESSMENT

Discussion of FEMA Worksheet #3A—Inventory Assets

	Number of Structures			Value of Structures			Number of People		
	# in Community	# in Hazard Area	% in Hazard Area	\$ in Community	\$ in Hazard Area	% in Hazard Area	# in Community	# in Hazard Area	% in Hazard Area
Total	60,185	31,778	53%	\$810,803,788	\$276,663,193	34%	104,603	67,938	65%

IV. RISK ASSESSMENT

Repetitive Loss Structures

- 514 structures identified
- Total amount of claims by these structures = \$50 Million
- Average claim amount = \$36,500

V. HAZARD EVENT PROFILES

Levee Failure

- Review and discuss responsibilities (federal, parish, city, etc.)

V. HAZARD EVENT PROFILES

V. HAZARD EVENT PROFILES

Flooding

- Atchafalaya Flooding of 2011
- July 18, 2011 Flooding

Hurricanes and Coastal Storms

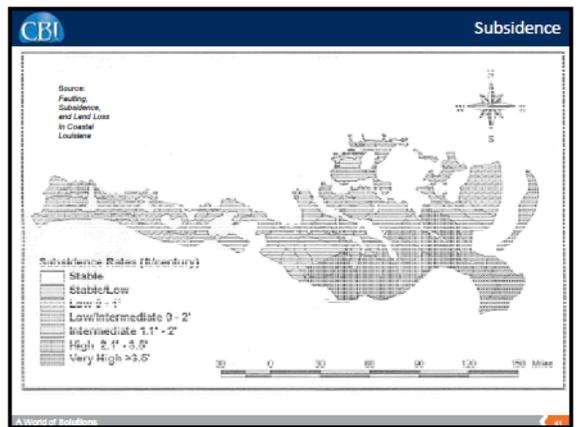
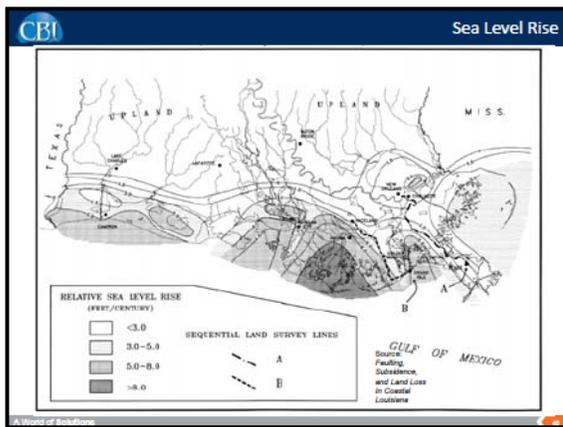
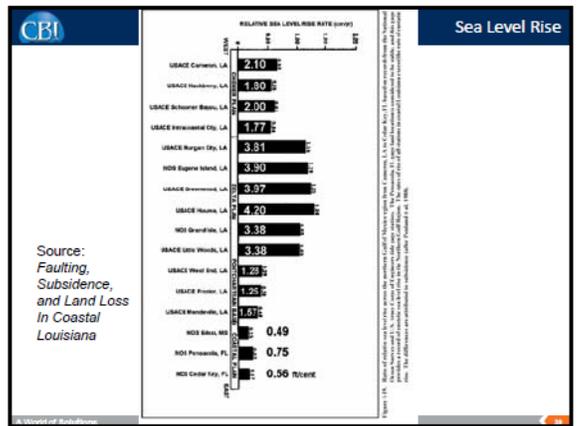
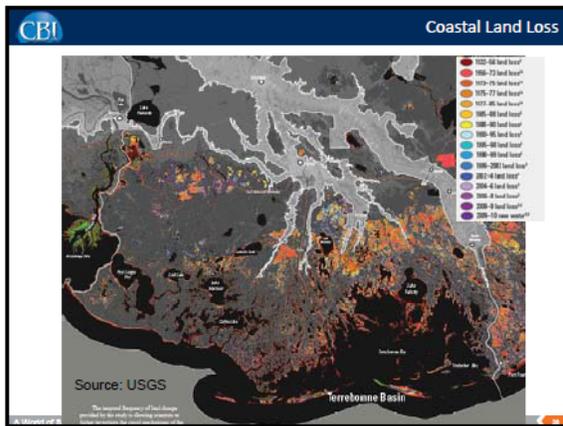
- Hurricane Gustav
- Hurricane Ike
- Tropical Storm Lee
- Hurricane Isaac

V. HAZARD EVENT PROFILES

- Drought**
 - Can adversely effect every jurisdiction in Louisiana
 - No fatalities, no injuries, no property damage in last 25 years
 - 6 occurrences in last 56 years (1957-2013) with damages totaling \$4.4 million
- Hailstorm**
 - 20 major hail storm instances reported by NCDC in last 56 years
 - 50 losses according to NCDC
- Tornadoes**
 - 30 tornadoes reported by NCDC
 - Losses total \$13 million
- Winter Storms**
 - 7 cold/winter storm events reported by NCDC in last 56 years
 - \$100,000 total damages

V. HAZARD EVENT PROFILES

- Non-NCDC Reported Hazard Events:**
 - Land Subsidence**
 - Worsened by Levee Construction and Pumping Stations that inhibit alluvial sedimentary deposits along ridges and wetlands in a deltaic region
 - Sea Level Rise**
 - Combined with subsidence, sea level rise will cause the Louisiana Coastline to disappear into the gulf
 - USGS ranks Terrebonne Parish at a "very high" risk to land loss due to sea level rise
 - Coastal Erosion**
 - Worsened by Hurricane Events
 - Terrebonne Parish and the State of Louisiana has comprehensive list of coastal restoration and protection projects



CBI V. HAZARD EVENT PROFILES

- Non-NCDC Reported Hazard Events:
 - Saltwater Intrusion
 - Alternative backup water intakes
 - Sinkholes
 - The sinkhole in Bayou Corne, Assumption Parish brought to light the significance of this hazard.

Source: USGS

CBI VI. DETERMINE MITIGATION STRATEGIES

Mitigation Goals and Objectives

1. Identify and pursue preventative measures that will reduce future damages from hazards.
2. Enhance public awareness and understanding of disaster preparedness.
3. Reduce repetitive flood losses in the parish.
4. Facilitate sound development in the parish to reduce or eliminate the potential impact of hazards.

CBI VI. DETERMINE MITIGATION STRATEGIES

Preliminary Project List (handout)

Discussion of New or Additional Projects

CBI VI. DETERMINE MITIGATION STRATEGIES

Current Plans

- Louisiana State Hazard Mitigation Plan
- Coastal Wetlands Planning Protection & Restoration Act
- Coastal Impact Assistance Program
- Louisiana Comprehensive Master Plan for a Sustainable Coast
- Coastal Protection and Restoration Authority
- ESF 14
- Terrebonne Parish Feasibility Study for Levee Embankment Projects
- Terrebonne Parish Comprehensive Master Plan

CBI VI. DETERMINE MITIGATION STRATEGIES

- Identify and Prioritize Mitigation Measures
 - Determine evaluation criteria
 - Social – Is the mitigation strategy socially acceptable?
 - Technical – Is the proposed action technically feasible and cost effective? Does it provide the appropriate level of protection?
 - Administrative – Does the parish have the capability to implement the action? Is the lead agency capable of carrying out oversight of the project?
 - Political – Is the mitigation action politically acceptable?
 - Legal – Does the parish have the authority to implement the proposed measure?
 - Economic – Does the economic base, protected growth and opportunity costs justify the mitigation project?
 - Environmental – Does the proposed action meet statutory considerations and public desire for sustainable and environmentally healthy communities?
 - Implementation Strategy
 - Identify who will implement the mitigation measures
 - Identify mitigation funding
 - Identify when the mitigation measures should be completed

CBI VI. DETERMINE MITIGATION STRATEGIES

- Capability Assessment
 - What plans reduce long-term vulnerability?
 - What capabilities could be used to implement mitigation and reduce vulnerability in the future?
 - Strengths/Opportunities for Improvement?
 - Planning and Regulatory
 - Administrative and Technical
 - Financial
 - Education and Outreach
- Discussion Questions:
 - What community capabilities can be identified?
 - What limits to community capabilities can be identified?
 - What improvements can be suggested?

Next Phase.....

- Review Updated Maps
- Review Risk Assessment
- Prioritize Project List
- Next Meeting: August 7, 2014

**Attachment c1-3.3A
Meeting 3—Advertisement**

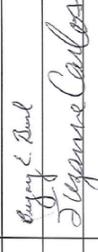
**Public Notice
Meeting Announcement
Terrebonne Parish Hazard
Mitigation Plan Update 2014**

The Terrebonne Parish Consolidated Government is updating the parish's Hazard Mitigation Plan. The purpose of the plan update is to identify and pursue preventative measures that will reduce future damages from natural hazards. To continue the plan update, the Terrebonne Parish Hazard Mitigation Committee will discuss project prioritization, review the risk assessment, and review updated maps. Any concerns with the scope of the risk assessment or types of projects proposed should be raised at this meeting. The next meeting will be the review of the draft plan. The public is encouraged to attend this meeting.

**Thursday, August 7th, 2014 at 10:00 am
Bayou Terrebonne Waterlife Museum
7910 W Park Ave
Houma, Louisiana 70360**

Please direct questions about the meeting to Nicole Cutforth, CB&I, at (985) 858-3983.

**Attachment c1-3.3B
Meeting 3—Sign-in Sheets**

 Terrebonne Parish Hazard Mitigation Plan Update 2015 Thursday, August 7, 2014 10 AM Waterlife Museum 7910 W Park Ave, Houma, Louisiana Meeting topic: review updated maps, review risk assessment, and prioritize project list																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SIGN IN		Last Name	First Name	Organization	Title	Comments													
		Adams	Phillip	TPCG Assessor's Office	Commercial Bldgs	21													
		Allemand	Gwen																
		Alford	Tony	Terrebonne Levee & Conservation District	President TLCD Board														
		Arnette	Jane	South Central Industrial Association	Executive Director														
		Babin	Danny	President of the Regulatory Planning Commission	Chairman														
		Benoit	Eric	Lafourche Parish	Asst. OEP														
		Belanger	Wanda	Southeast LA HBA															
		Boudreaux	Chris	Lafourche Parish	OEP Director														
		Boudreaux	John	Assumption Parish	OEP Director														
		Boucvalet	Jobe	St. John	OEP Director														
		Bourg	Doug	Terrebonne Parish Consolidated Government	Parish President Assistant														
		Bourg	Tom	Terrebonne Parish Consolidated Government	Utility Director	44													
		Bray	Jeanne	DPW	Engineer														
		Bush	Gregory	Terrebonne Parish Consolidated Government	Public Works Director	31													
		Carlos	Suzanne	Houma-Terrebonne Chamber of Commerce		#324													
		Case	Peggy	Terrebonne Readiness and Assistance Coalition	Executive Director														
		Cehan	Connie	Terrebonne Parish School District															
		Claudet	Michel	Terrebonne Parish Consolidated Government	Parish President														
		Cloutier	Budd	Planning Commission	Chair														
		Crispino	Steve	South Louisiana Bank	Vice President														



Terrebonne Parish Hazard Mitigation Plan Update 2015
Thursday, August 7, 2014 2 PM Waterlife Museum
7910 W Park Ave, Houma, Louisiana



Meeting topic: review updated maps, review risk assessment, and prioritize project list

	Last Name	First Name	Organization	Title	Comments
21	Daigle	Melissa	LSU LA SeaGrants	Legal Coordinator	13
22	Dardar	Thomas	United Houma Nation	Principal Chief	24
23	Dardar	Shirell	Biloxi-Chitamacha Confederation of Mistogeos	Deputy Chief	
24	DeFraitres	Arthur	Gulf South Engineering	President	
25	Deroche	Eric	St. James Parish	OEP Director	
26	Drury	David	TPCG	TPCG Facilities Manager	
27	Dufrene	Chief	Houma Fire Department	Fire Chief	43
28	Duplantis	Duffy	TPCG	GIS	
29	Duplantis	Todd	TPCG	Houma Police Chief	
30	Dupre	Reggie	TLCD	Executive Director	
31	English	Nicolette	GOHSEP	Planner	
32	Eues	Earl	OEP- Terrebonne	Director	
33	Falgout	Julie	LA. SeaGant	Seafood Industry Liaison	
34	Gauthie	David	BISCO		
35	Gerbasi	Jennifer	Terrebonne Parish Consolidated Government	Division Manager/Recovery Planner	#8
36	Gordon	Patrick	Planning and Zoning	Director	#1
37	Grabert	Loney	TPCG	Assessor	
38	Graham	Ken	NOAA	Meteorologist-in-Charge	
39	Gueniot-Biegler	Mary	Bayou Grace	Executive Director	
40	Hymel	Francis	St. James Parish	Asst. OEP	



Terrebonne Parish Hazard Mitigation Plan Update 2015
Thursday, August 7, 2014 10 AM Waterlife Museum
7910 W Park Ave, Houma, Louisiana

Meeting topic: review updated maps, review risk assessment, and prioritize project list



SIGN IN		Last Name	First Name	Organization	Title	Comments
41		Jofferson	Batron	LSU AG Center	County Agent	
42		Landry	Kayte	Assumption Parish	Asst. OEP	
43		Large	Geoff	Terrebonne Parish Consolidated Government	Chief Building Official	
44	<i>more Michael Deser #11</i>	Larpenter	Jerry	Terrebonne Parish Sheriff's Office	Sheriff	
45		LeBlanc	Kathy	Louisiana Department of Health & Human Services	Sanitarian	
46		Ledet	Brad	LaDay Construction		
47		Ledet	Lisa	Terrebonne Parish Consolidated Government	Floodplain Manager	<i># 33</i>
48	<i>Lina Ledet</i>	Levron	Al	Terrebonne Parish Consolidated Government	Capital Projects Admn.	
49		Liner	Michelle	Terrebonne Readiness and Assistance Coalition	Administrative Assistance	
50		Lombardo	John	Restore or Retreat	Outreach Coordinator	
51	<i>Simone Maloz</i>	Maloz	Simone	South Central Industrial Association	Representative	<i>#32</i>
52		Marmande	Mitch	Terrebonne Levee and Conservation District	Program Manager	
53		Martin	Philip	Terrebonne Parish School District	Superintendent	
54		Matherne	Alan	LSU Ag Center	Area Agent	
55		Matherne	Nicolas	Terrebonne Parish	Coastal	
56		Milford, III	Gene	Gene Milford and Associates	Professional Engineer	
57	<i>Jack Moore</i>	Moore	Jack	Terrebonne Parish School District	Risk Management	<i># 4</i>
58		Mullarkey	Christine	Red Cross	Resource Manager	



Terrebonne Parish Hazard Mitigation Plan Update 2015
Thursday, August 7, 2014 10 AM Waterlife Museum
7910 W Park Ave, Houma, Louisiana

Meeting topic: review updated maps, review risk assessment, and prioritize project list



SIGN IN

	Last Name	First Name	Organization	Title	Comments
59	Nail	Shirin	REMAX		
60	Naquin	Albert	Bloxi-Chitamacha Island Road Band	Chief	
61	O'Neal	Cindy	DOTD	State Floodplain Manager	
62	Pellegrin	Cynthia	ReMax Good Earth	Real Estate Broker	
63	Pena	Oscar	CB&I	Senior Vice President	
64	Peoples	Phyllis	Terrebonne General Medical Center	CEO	
65	Perry	Ron	St. Charles Parish	OEP Director	
66	Peterson	Kris	UNO-CHART		
67	Poche	Charlette	Terrebonne Parish Council	Council Clerk	
68	Pulaski	Chris	Terrebonne Parish Consolidated Government	Senior Planner - Plan/Zoning	# 2
69	Riley	Mark	GOHSEP	Deputy Director, GOHSEP	
70	Rivette	Frank	NOAA	Meteorologist	
71	Rutter	Lea			
72	Schexnayder	Phil	Gulf South Engineering Associates, Inc.	Tech. Engineer	
73	Smith	Kenneth	T. Baker Smith	President/CEO	
74	Sobert	Michael	Consolidated Waterworks District	General Manager	Michael Sobert #22
75	Tastet	Jason	St. Charles Parish	OEP	

Attachment c1-3.3C
Meeting 3—Meeting Agenda and Summary Meeting Notes

AGENDA & NOTES
FOR
TERREBONNE
HAZARD MITIGATION PLAN UPDATE

8/7/2014

@ 10:00 A.M

Bayou Terrebonne Waterlife Museum
7910 W Park Ave
Houma, Louisiana 70360

I. WELCOME AND INTRODUCTIONS

The Terrebonne Parish Hazard Mitigation Plan Update Committee held their third open to the public meeting at the Bayou Terrebonne Waterlife Museum in Houma, Louisiana, on Thursday, August 7, 2014. The purpose of the meeting was to provide an opportunity to review the updated maps, review Worksheet #3A and Worksheet #4, and allow attendees to provide input on project prioritization.

Nicole Cutforth from CB&I introduced herself and asked attendees to introduce themselves, provide what agency they represent, and also provide one statement about why they are attending the third Hazard Mitigation Update Meeting.

II. SUMMARY OF SECOND MEETING

Nicole reviewed the second meeting agenda and discussed what would be reviewed at meeting three. Nicole informed the attendees that it is very important to have all projects sent in by our final meeting held on September 12, 2014 in order for the projects to be listed in the updated Hazard Mitigation Plan.

III. MODELING DATA GAP

Nicole discussed the modeling grant that Terrebonne Parish has and ideas that committee members have for the use of the grant money. One idea that is listed is modeling of drainage/sub-drainage areas within the northern part of the parish. Ronnie Shaw explained that he would like grant funds to be used to model Corporate Drive where it is currently listed as a +2 and is subsiding quickly. Pat Gordon with Terrebonne Parish explained that the parish has already had numerous modeling projects that were completed by FTN and Gulf South and that Ronnie's concerns may have been covered in those. Pat suggested that the modeling grants be projected more to areas that haven't been modeled yet. Ronnie also discussed that the Gray/Schriever area has inadequate drainage and there will be more developments coming to that area in the future.

I. REVIEW RISK ASSESSMENT

Nicole explained the flood composite risk assessment to the committee and how CB&I came up with the inundation information that was provided on the map. CB&I uses a FEMA program called HAZUS that comes up with loss estimates.

Nicole discussed FEMA worksheet #3A which is the inventory assets of Terrebonne Parish that is based off of Census Block Data within HAZUS.

Repetitive Loss Structures were defined and it was noted that they are tracked by FEMA and the NFIP. The definition of Repetitive Loss properties has changed since the last update.

Nicole explained FEMA Worksheet #4 and that HAZUS is also used for this worksheet. HAZUS uses the critical facilities in Terrebonne Parish, places them on the composite risk map and creates an inundation level (in feet) and provides replacement value. The inundation level is applied to percentage values assigned by FEMA to generate the total risk values.

II. DETERMINE MITIGATION STRATEGIES

Nicole discussed that the project list is a wish list but also a list that shows the suggestions of top priority projects in Terrebonne Parish. Chief Dufrene discussed that he would like to add a Safe House to the project list. He would like this Safe House to hold 30 to 40 people and would like it located on 2101 East Houma Drive behind the training facility. Chief would like this to house firemen and policemen in the city in case of an emergency. Jennifer Gerbasi with Terrebonne Parish explained that since there was already going to be a Safe House built to house 200 that Chief Dufrene would need to explain why he would like his Safe House to house be funded.

Chris Pulaski with Terrebonne Parish questioned where major retail outlets such as Home Depot, Lowes, etc. would fit in on the Critical Facilities list. Nicole explained that the critical facilities list is typically just Government Buildings but all major retail outlets can be listed if locations are provided along with a replacement value, contents value, and a value of how much it would cost a day that each store is out of commission.

It was noted that the CNG Station located at 550 South Van Ave. should be listed as a priority on the project list.

Nicole discusses mitigation strategies and what Terrebonne Parish has already completed or is in the process of completing. Pat explained that Terrebonne Parish had eleven recommendations from an Engineering group from Baton Rouge for flood plain management that Terrebonne Parish has addressed such as prohibiting hazardous waste facilities and freeboard built-in for mobile homes which leaves nine other recommendations. Terrebonne Parish has decided they will move forward with some recommendations but not with others. Pat discussed

that Terrebonne Parish is and needs to continue to prohibit issuing building permits in special flood areas deemed as environmentally sensitive.

Each attendee received a remote to vote which project ranks highest priority to them. The results are as follows:

Question 1 – What type of project do you consider the highest priority?

1. Residential Elevations – 30%
2. Commercial Elevations – 5%
3. Elevations of Critical Facilities – 65%

Question 2 – What type of project do you consider the highest priority?

1. Generators for Schools – 5%
2. Generators for Sewer Lift Stations – 10%
3. Generators for Potable Water Facilities – 15%
4. Generators for First Responders – 30%
5. Generators for Drainage Pump Stations – 40%

Question 3 – What type of drainage improvements do you think should be the highest priority?

1. Existing Culvert or Ditch Upgrades – 35%
2. Pump Station Upgrade – 59%
3. Installation of new Drainage Ditches/Culverts where none currently exists – 6%

Question 4 – What type of critical facility elevation do you think should be the top priority?

1. Elevation of utilities (water/sewer) – 0%
2. Elevation of First Responder structures – 38%
3. Elevation of evacuation routes with flood history – 46%
4. Elevation of pump station controls – 15%

Question 5 – What type of wind hardening project do you think should be the top priority?

1. Schools – 12%
2. First Responders – 35%
3. Utilities – 18%
4. Evacuation Shelters – 35%
5. Other Government Structures – 0%

Question 6 – What type of project would be of the highest priority to prevent coastal erosion?

1. Inform community of risk – 0%
2. Acquire and demolish structures in at risk area – 18%
3. Stabilization of rebuilding of barrier island – 82%

Question 7 – What type of project do you think would be of the highest priority to combat sea level rise?

1. Study to investigate baseline risk – 21%
2. Zoning/Subdivision Regulations – 7%
3. Locate Utilities outside high risk areas – 7%
4. Additional Freeboard Requirements – 7%
5. Natural Buffer Restoration – 57%

Question 8 – What type of project do you think would be the highest priority to combat subsidence?

1. Study to Identify Baseline Risk – 24%
2. Zoning/Subdivision Regulations – 12%
3. Strengthen Building codes to resist subsidence loads – 65%

Nicole explained to the attendees that most Federal Grants have a 75% federal/ 25% local match and responsible entity had to come up with the local portion.

Nicole discussed the new FEMA requirement that requires a write for the projects that have been implemented in the new plan update.

Jack Moore with Terrebonne School Board noted that West Park Elementary will no longer be a shelter and to remove from Project List.

Nicole discussed with the attendees about the Capability Assessment and that all previous meeting notes, presentations, agendas, maps, and previous plan can be accessed online.

A few attendees discussed different types of funding such as HMGP and how the funding flows.

IV. REVIEW UPDATED MAPS

Nicole broadly discussed the updated maps for the Hazard Mitigation Plan and explained the Composite Risk areas and 100-year flood plain. Nicole noted that the latest inundation incorporated into the Composite Risk was Hurricane Ike.

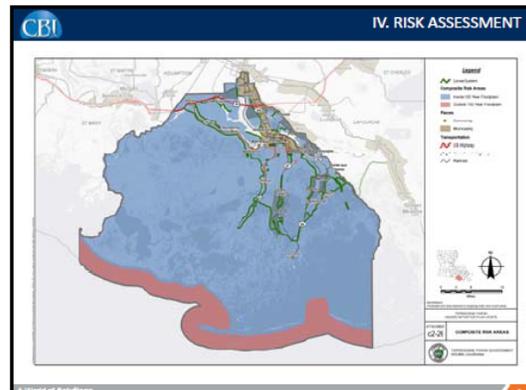
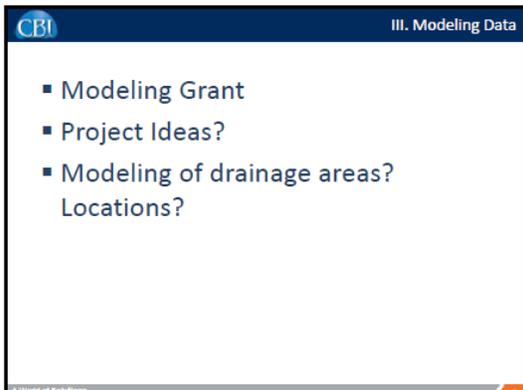
V. CONCLUSION

A. Next Phase

1. Review Plan Update – will be posted online a week ahead of the meeting
2. Next Meeting: September 12, 2014

Attachment c1-3.3D

Meeting 3—PowerPoint Presentation Slides



CBI IV. RISK ASSESSMENT

Discussion of FEMA Worksheet #3A—Inventory Assets

	Number of Structures			Value of Structures			Number of People		
	# in Community	# in Hazard Area	% in Hazard Area	\$ in Community	\$ in Hazard Area	% in Hazard Area	# in Community	# in Hazard Area	% in Hazard Area
Total	42,680	28,373	62%	\$7,276,677,000	\$4,467,916,000	61%	104,603	64,861	62%

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CBI IV. RISK ASSESSMENT

Repetitive Loss Structures

- 514 structures identified
- Total amount of claims by these structures = \$50 Million
- Average claim amount = \$36,500

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CBI IV. RISK ASSESSMENT

Discussion – FEMA Worksheet 4

- Replacement Value of Critical Facilities – \$1.3 Billion
- Contents Value – \$1.7 Billion
- Composite Risk Loss Estimate – \$1.8 Billion

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CBI IV. DETERMINE MITIGATION STRATEGIES

Preliminary Project List (**handout**)

Discussion of New or Additional Projects?

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CBI V. DETERMINE MITIGATION STRATEGIES

Existing Plans and Preventative Activities:

- Comprehensive Plan
- Building Code
- Zoning Ordinance
- Floodplain Management Regulations
- Subdivision Ordinance
- Stormwater Management Regulations

- How tools can reduce losses
- Current community standards
- Additional plans/regulations?

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CBI V. DETERMINE MITIGATION STRATEGIES

Mitigation Goals and Objectives

- Identify and pursue preventative measures that will reduce future damages from hazards.
- Enhance public awareness and understanding of disaster preparedness.
- Reduce repetitive flood losses in the parish.
- Facilitate sound development in the parish to reduce or eliminate the potential impact of hazards.

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CBI V. DETERMINE MITIGATION STRATEGIES

- Identify and Prioritize Mitigation Measures
 - Determine evaluation criteria
 - Social – Is the mitigation strategy socially acceptable?
 - Technical – Is the proposed action technically feasible and cost effective? Does it provide the appropriate level of protection?
 - Administrative – Does the parish have the capability to implement the action? Is the lead agency capable of carrying out oversight of the project?
 - Political – Is the mitigation action politically acceptable?
 - Legal – Does the parish have the authority to implement the proposed measure?
 - Economic – Does the economic base, protected growth and opportunity costs justify the mitigation project?
 - Environmental – Does the proposed action meet statutory considerations and public desire for sustainable and environmentally healthy communities?
 - Implementation Strategy
 - Identify who will implement the mitigation measures
 - Identify mitigation funding
 - Identify when the mitigation measures should be completed

CBI Question 1

Which type of project do you consider the highest priority?

- Residential Elevations
- Commercial Elevations
- Elevations of Critical Facilities

Project Type	Percentage
Residential Elevations	33%
Commercial Elevations	33%
Elevations of Critical Facilities	33%

CBI Question 2

Which type of project do you consider the highest priority?

- Generators for Schools
- Generators for Sewer Lift Stations
- Generators for Potable Water Facilities
- Generators for First Responders
- Generators for Drainage Pump Stations

Project Type	Percentage
Generators for Schools	100%
Generators for Sewer Lift Stations	0%
Generators for Potable Water Facilities	0%
Generators for First Responders	0%
Generators for Drainage Pump Stations	0%

CBI Question 3

What type of drainage improvement do you think should be the highest priority?

- Existing Culvert or Ditch Upgrades
- Pump Station Upgrades
- Installation of new Drainage Ditches/Culverts where none currently exists

Project Type	Percentage
Existing Culvert or Ditch Upgrades	0%
Pump Station Upgrades	0%
Installation of new Drainage Ditches/Culverts where none currently exists	0%

CBI Question 4

What type of critical facility elevation do you think should be the top priority?

- Elevation of utilities (water/sewer)
- Elevation of First Responder structures
- Elevation of evacuation routes with flood history
- Elevation of pump station controls

Project Type	Percentage
Elevation of utilities (water/sewer)	0%
Elevation of First Responder structures	0%
Elevation of evacuation routes with flood history	0%
Elevation of pump station controls	0%

CBI Question 5

What type of wind hardening project do you think should be the top priority?

- Schools
- First Responders
- Utilities
- Evacuation Shelters
- Other Government Structures

Project Type	Percentage
Schools	0%
First Responders	0%
Utilities	0%
Evacuation Shelters	0%
Other Government Structures	0%

CBI

Question 6

What type of project would be of the highest priority to prevent coastal erosion?

1. Inform community of risks
2. Acquire and demolish structures in at risk area
3. Stabilization or re-building of barrier islands

Option	Percentage
Inform community of risks	0%
Acquire and demolish structures in at risk area	0%
Stabilization or re-building of barrier islands	0%

10

CBI

Question 7

What type of project do you think would be of the highest priority to combat sea level rise?

1. Study to investigate baseline risk
2. Zoning/Subdivision Regulations
3. Locate Utilities outside high risk areas
4. Additional Freeboard Requirement
5. Natural Buffer Restoration

Option	Percentage
Study to investigate baseline risk	0%
Zoning/Subdivision Regulations	0%
Locate Utilities outside high risk areas	0%
Additional Freeboard Requirement	0%
Natural Buffer Restoration	0%

10

CBI

Question 8

What type of project do you think would be the highest priority to combat subsidence?

1. Study to Identify Baseline Risk
2. Zoning/Subdivision Regulations
3. Strengthen Building codes to resist subsidence loads

Option	Percentage
Study to Identify Baseline Risk	0%
Zoning/Subdivision Regulations	0%
Strengthen Building codes to resist subsidence loads	0%

10

CBI V. DETERMINE MITIGATION STRATEGIES

Discussion Points:

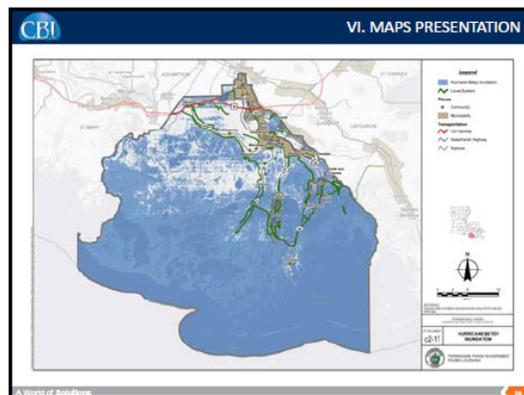
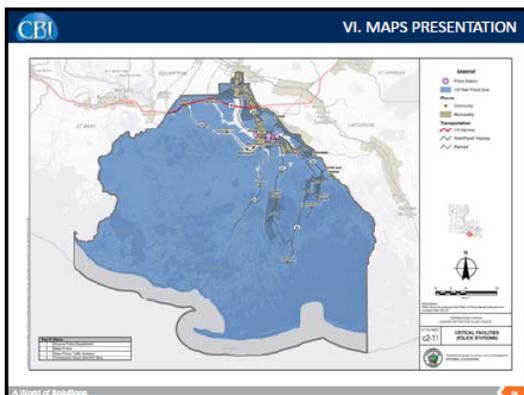
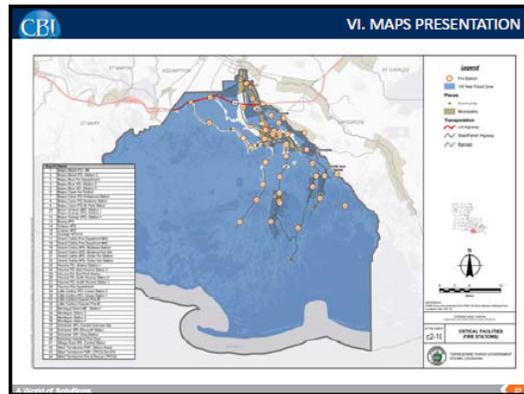
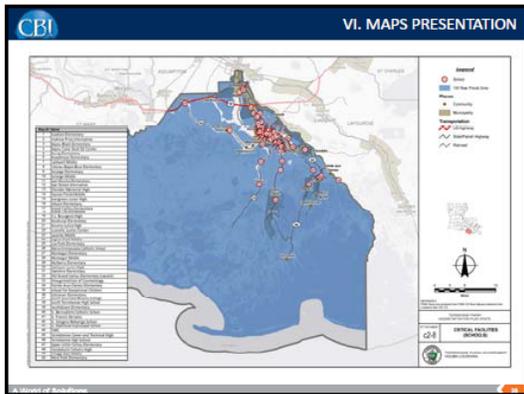
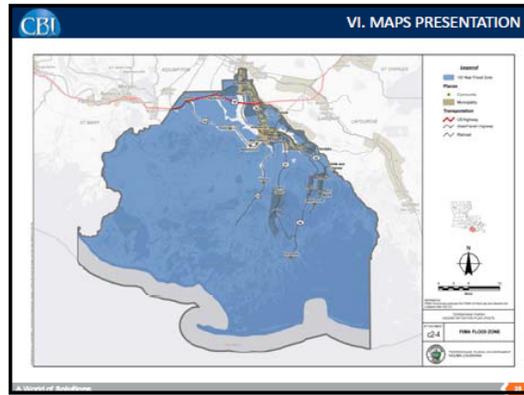
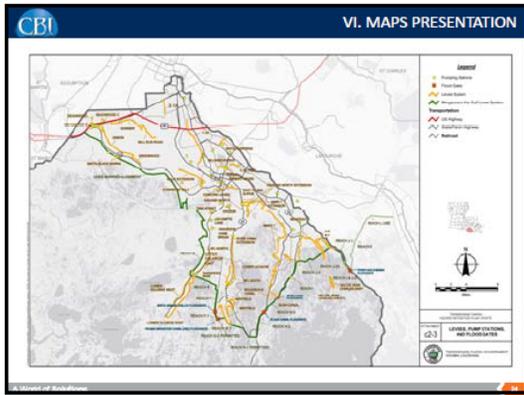
- Capability of community to fund and implement activity
- Discussion of implementation of current projects and achievement of expectations

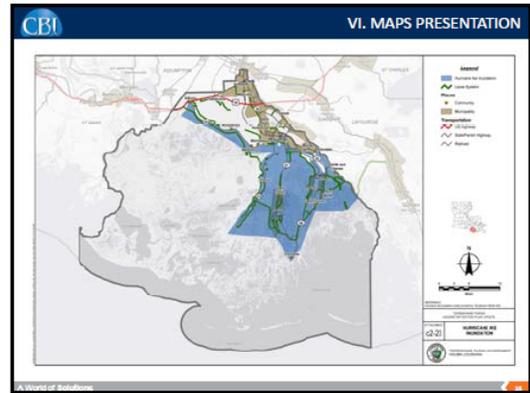
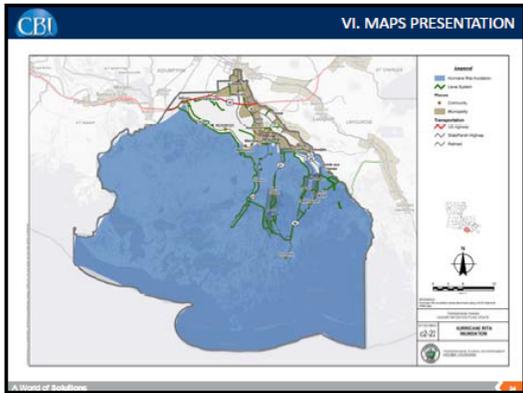
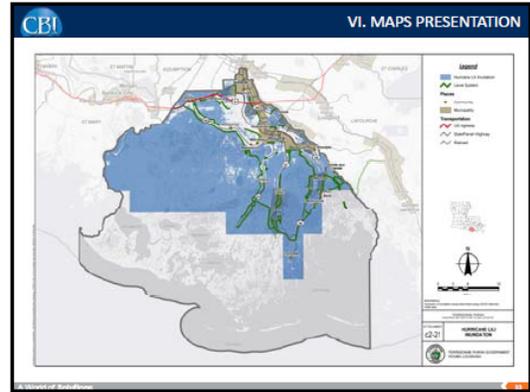
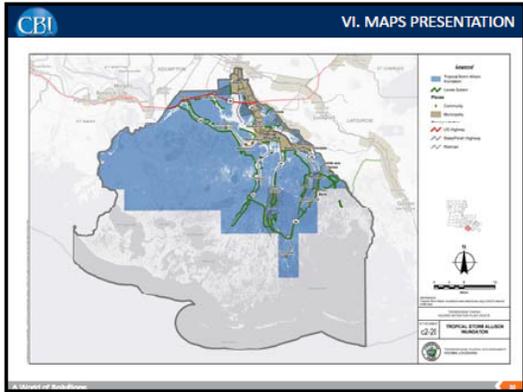
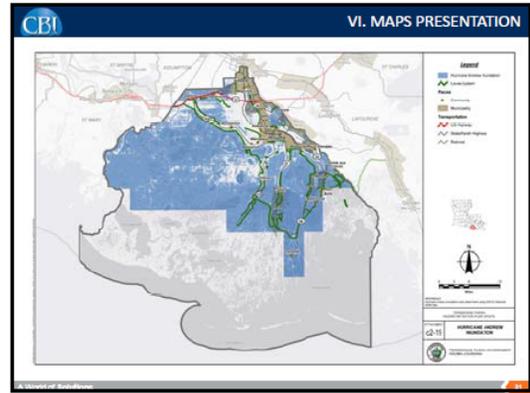
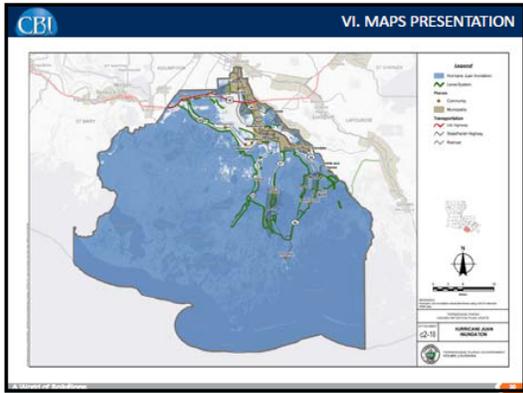
CBI V. DETERMINE MITIGATION STRATEGIES

- Capability Assessment
 - What plans reduce long-term vulnerability?
 - What capabilities could be used to implement mitigation and reduce vulnerability in the future?
 - Strengths/Opportunities for Improvement?
 - Planning and Regulatory
 - Administrative and Technical
 - Financial
 - Education and Outreach
- Discussion Questions:
 - What community capabilities can be identified?
 - What limits to community capabilities can be identified?
 - What improvements can be suggested?

CBI VI. MAPS PRESENTATION

Map showing coastal area with various zones and features. Legend includes: 1. Study, 2. Study to Investigate Baseline Risk, 3. Study to Identify Baseline Risk, 4. Study to Investigate Baseline Risk, 5. Study to Identify Baseline Risk, 6. Study to Investigate Baseline Risk, 7. Study to Identify Baseline Risk, 8. Study to Investigate Baseline Risk, 9. Study to Identify Baseline Risk, 10. Study to Investigate Baseline Risk.





Next Phase.....

- Review Plan Update
- Next Meeting: September 12, 2014

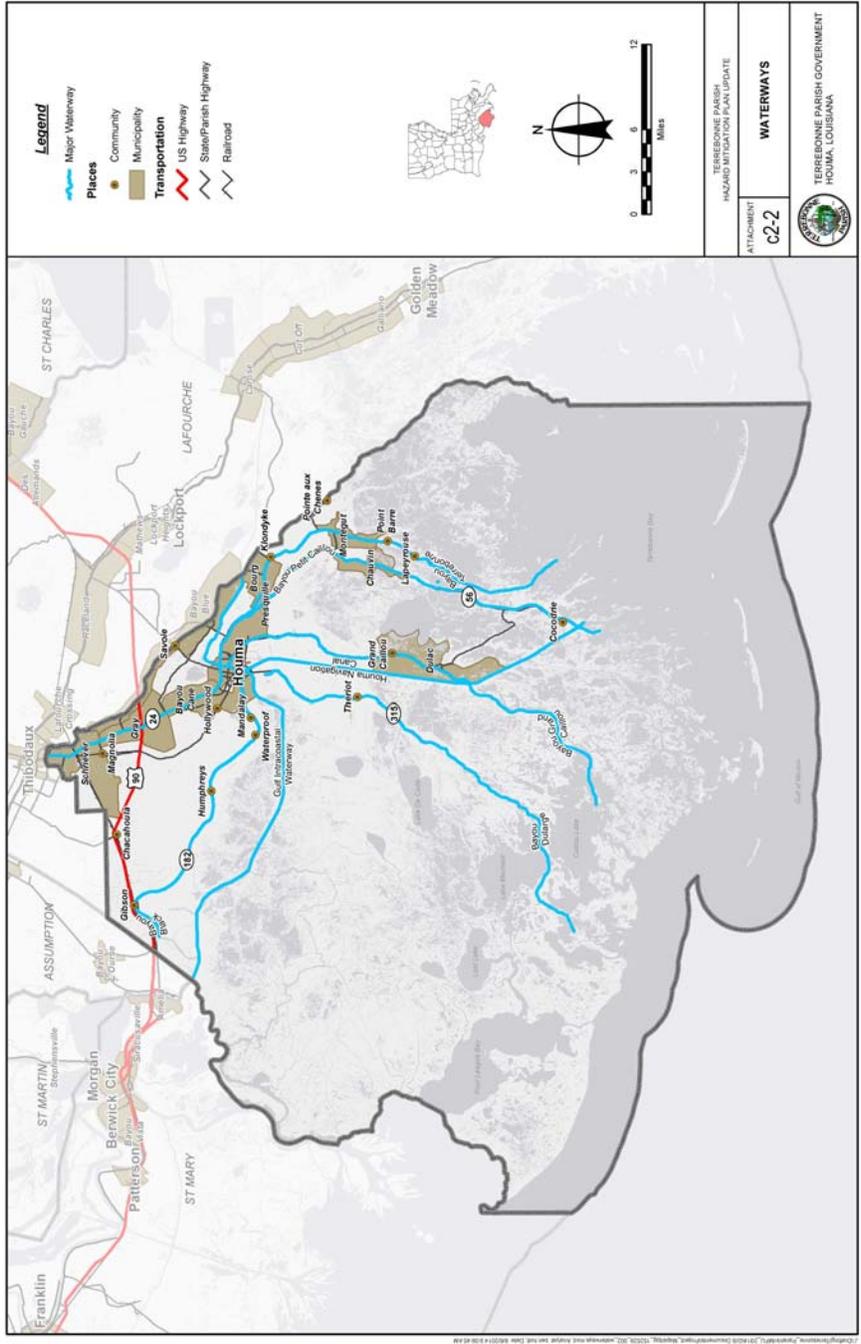
Attachment c1-3.4A
Meeting 4—Advertisement

Attachment c1-3.4B
Meeting 4—Sign-in Sheets

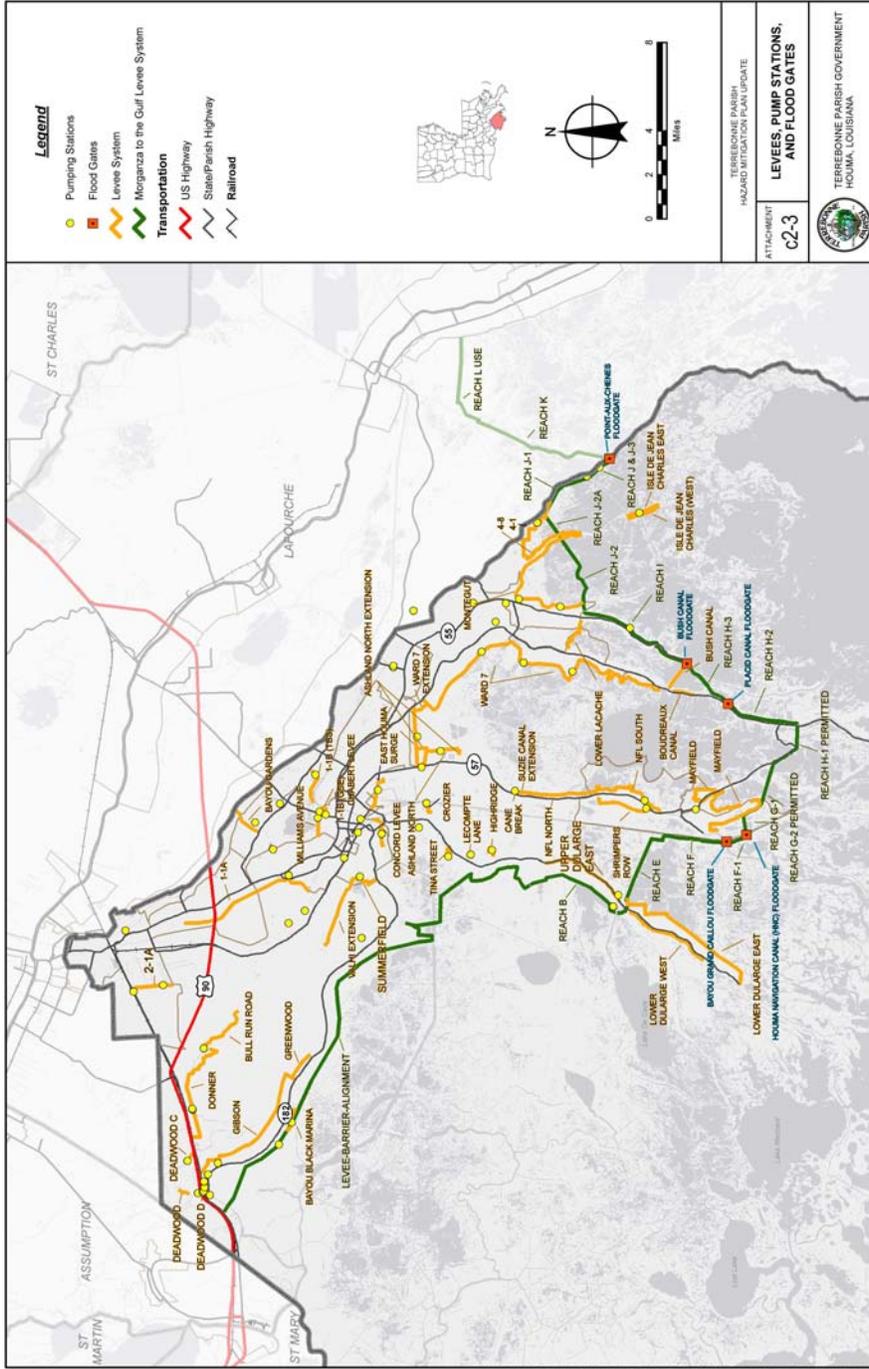
Attachment c1-3.4C
Meeting 4—Notes

Attachment c1-3.4D
Meeting 4—PowerPoint Presentation Slides

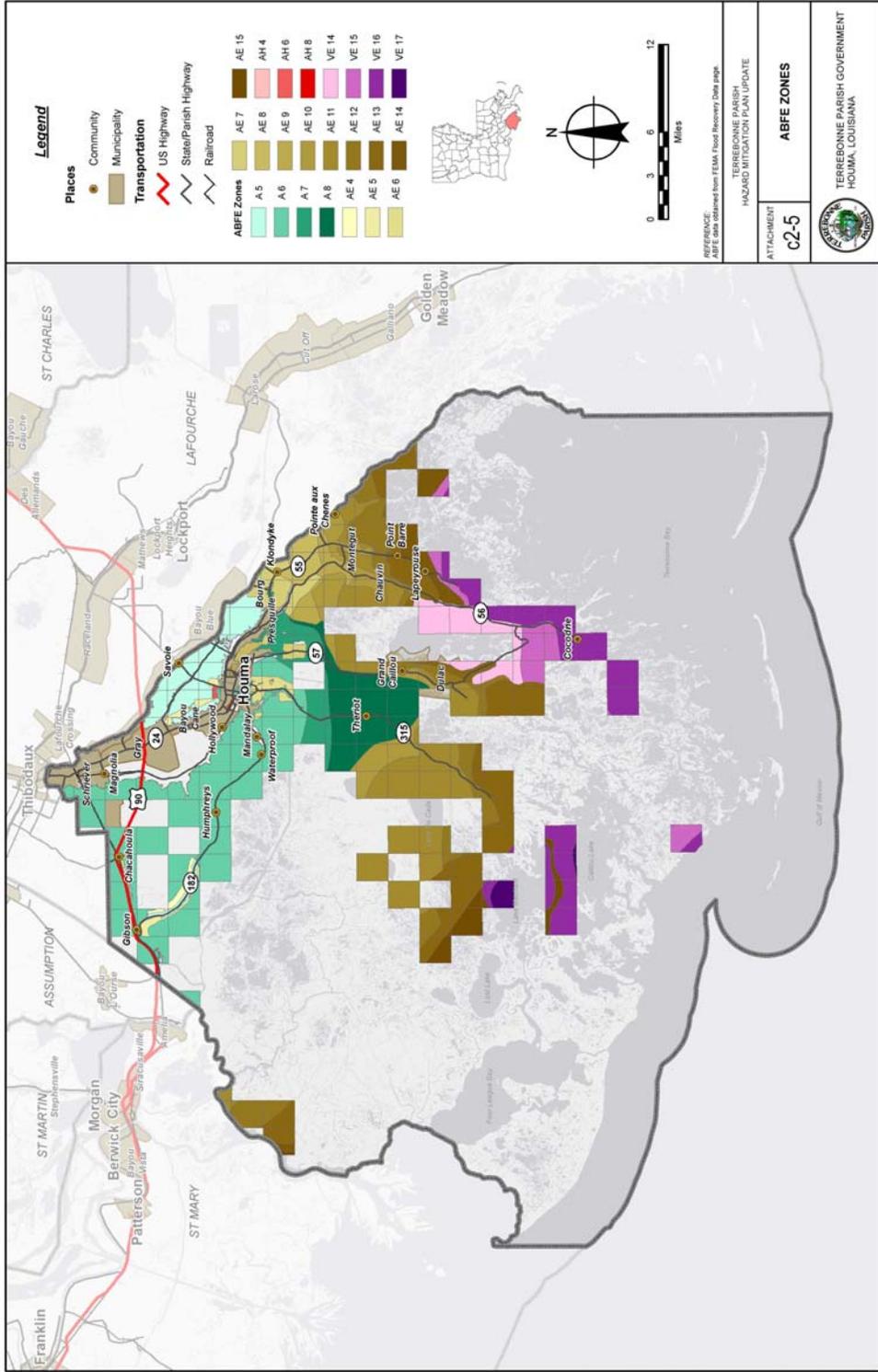
Attachment c2-2 Waterways Map



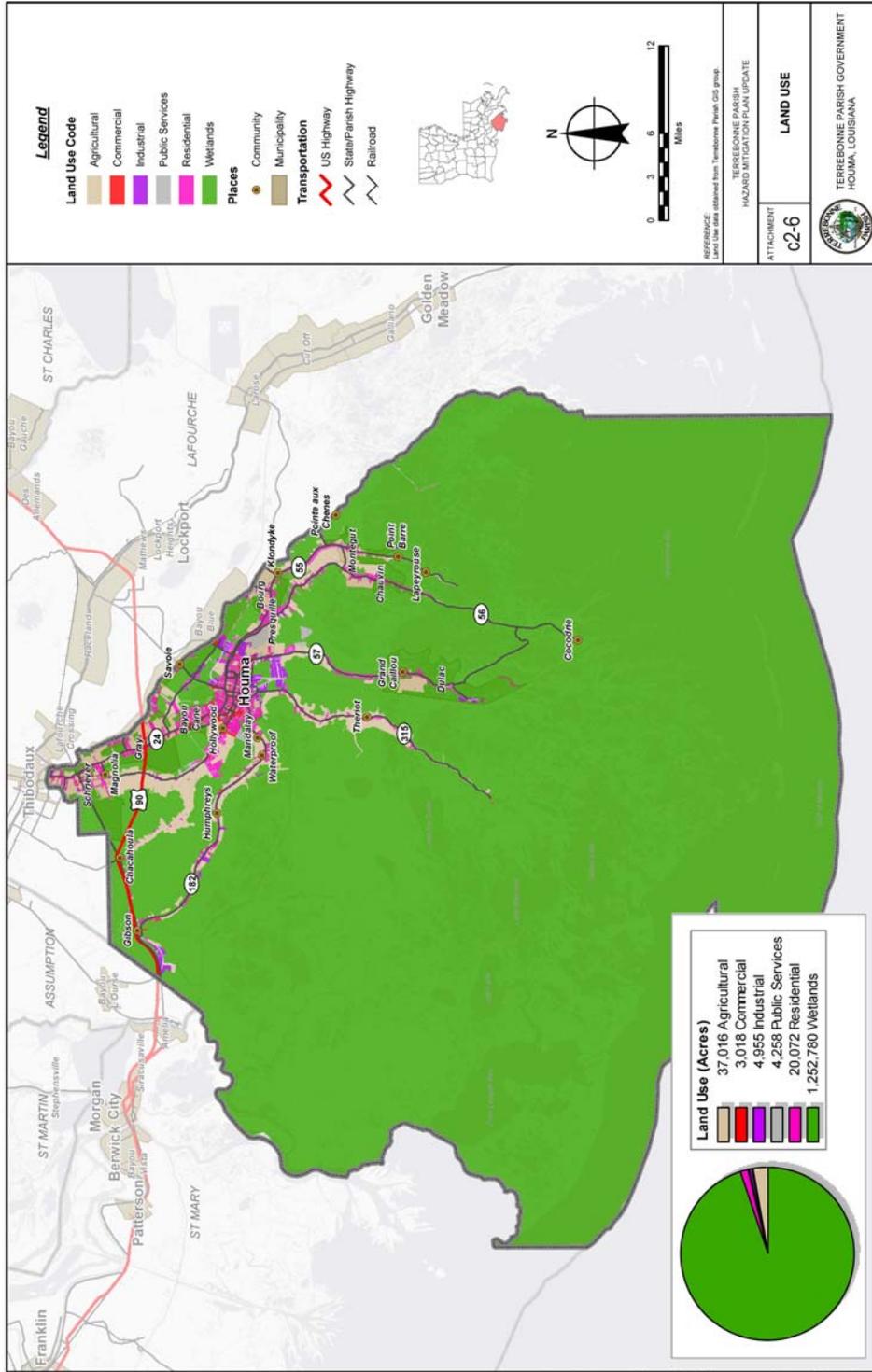
Attachment c2-3 Levees, Pump Stations, and Drainage Districts Map



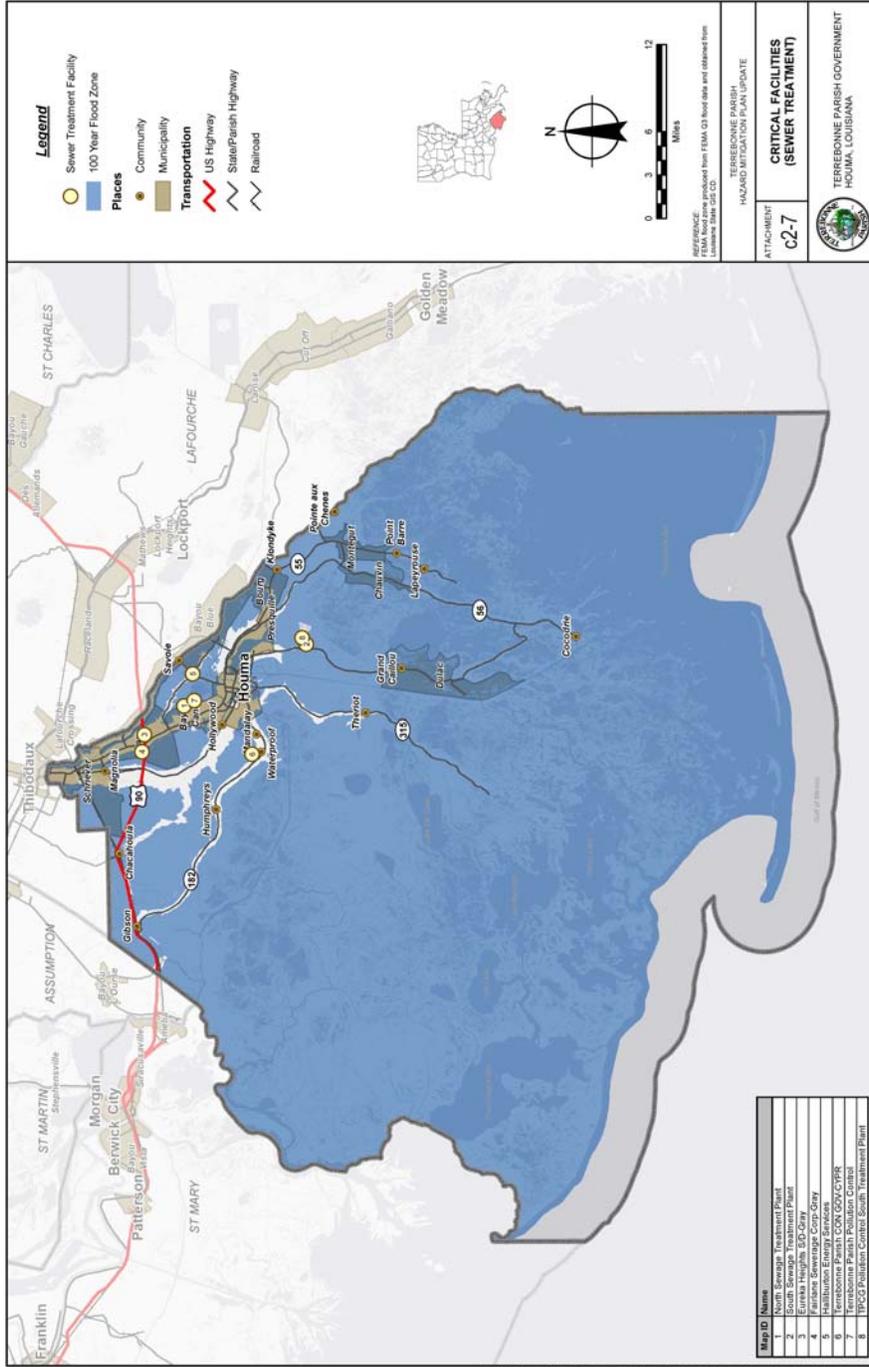
Attachment c2-5 ABFE Map



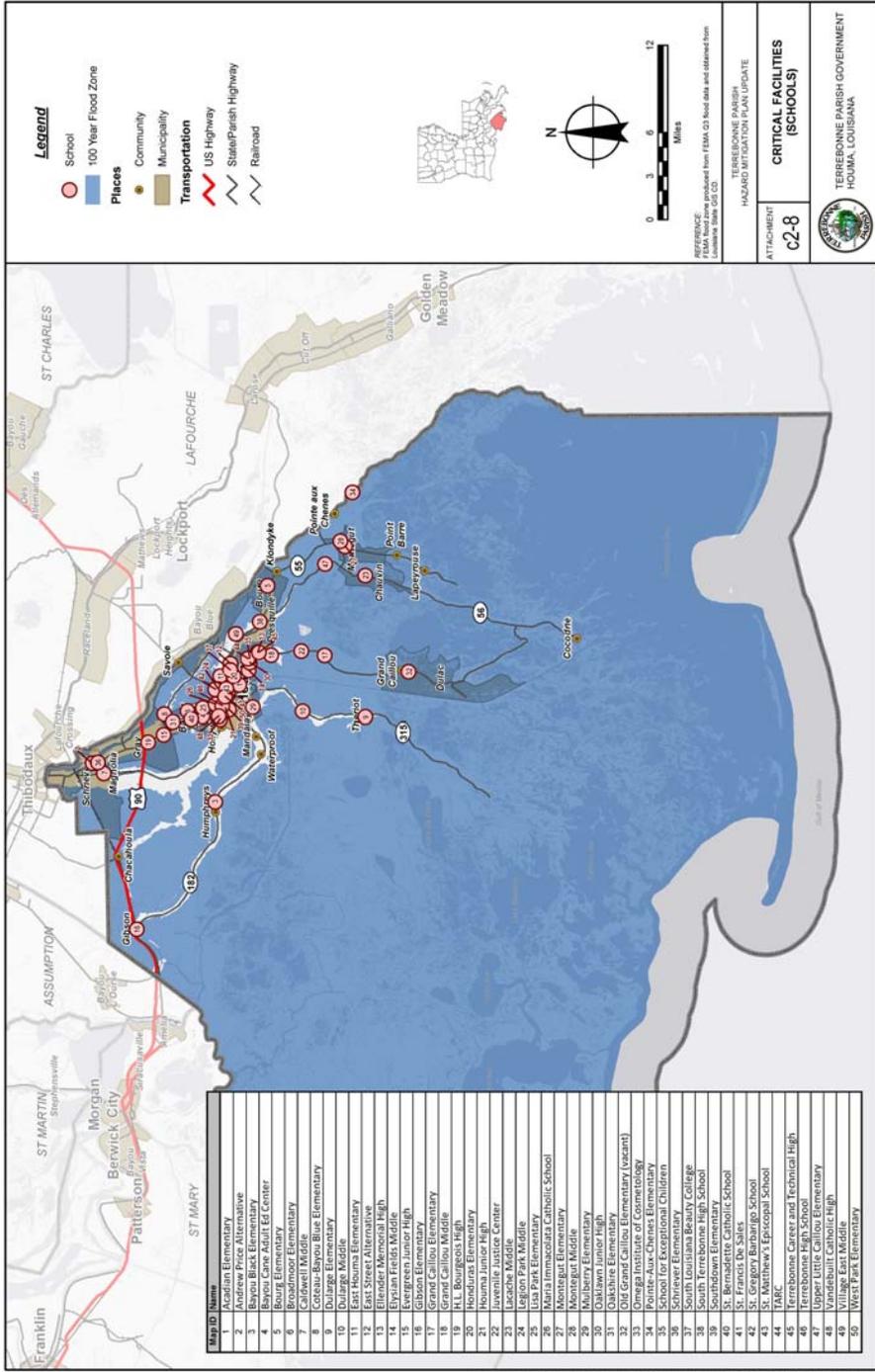
Attachment c2-6 Land Use Map



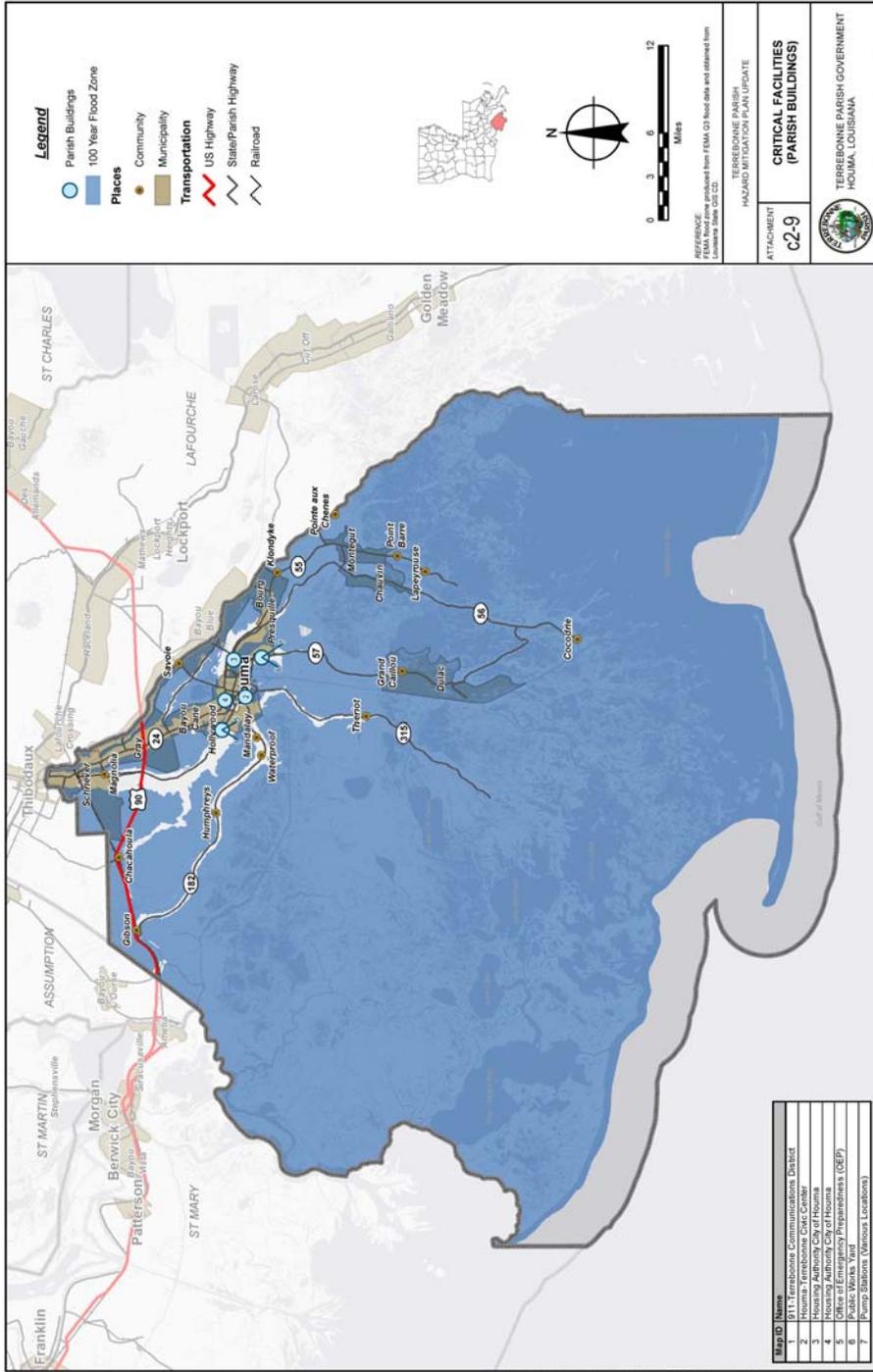
Attachment c2-7 Critical Facilities—Sewer Treatment



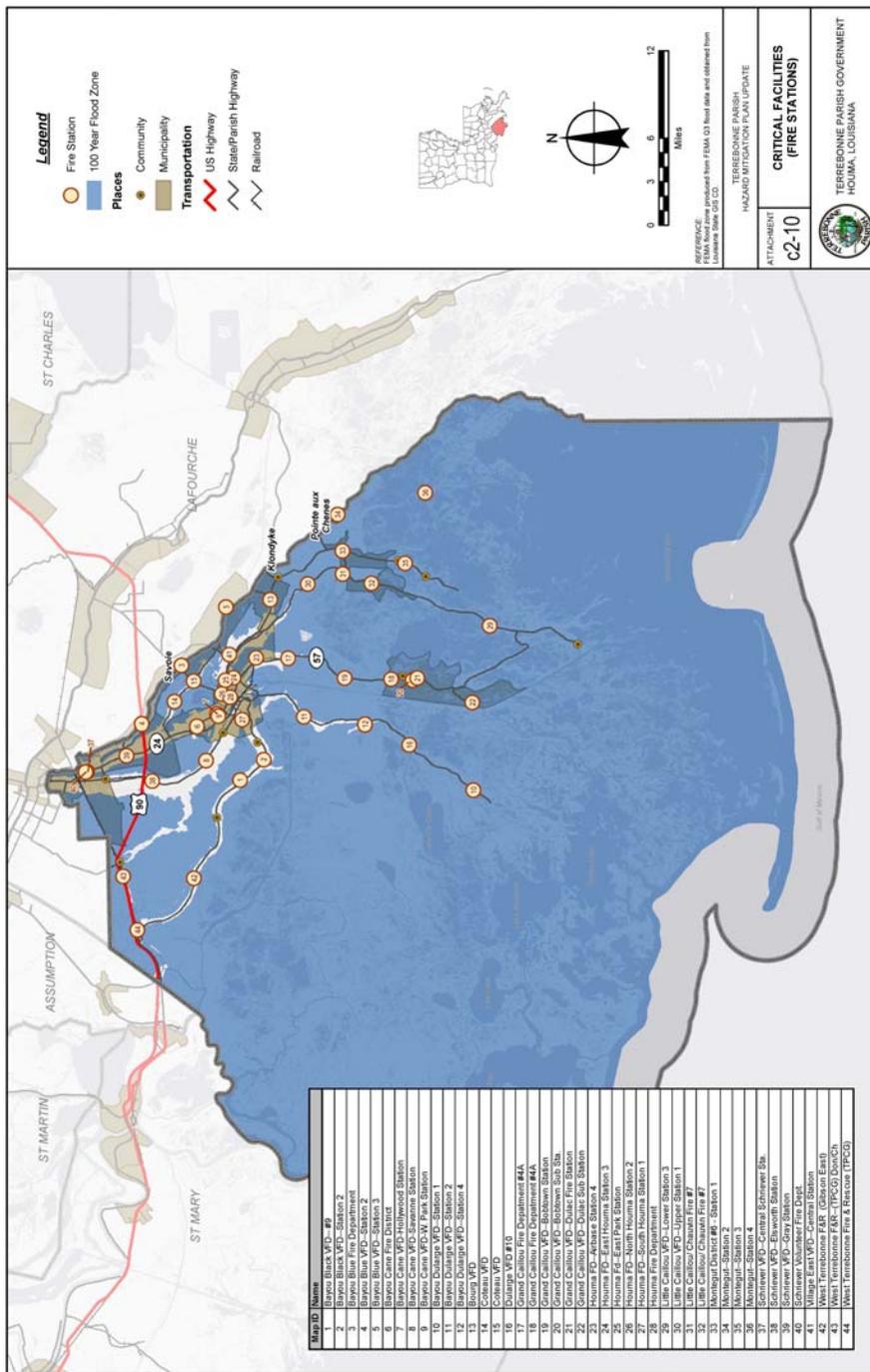
Attachment c2-8 Critical Facilities—Schools



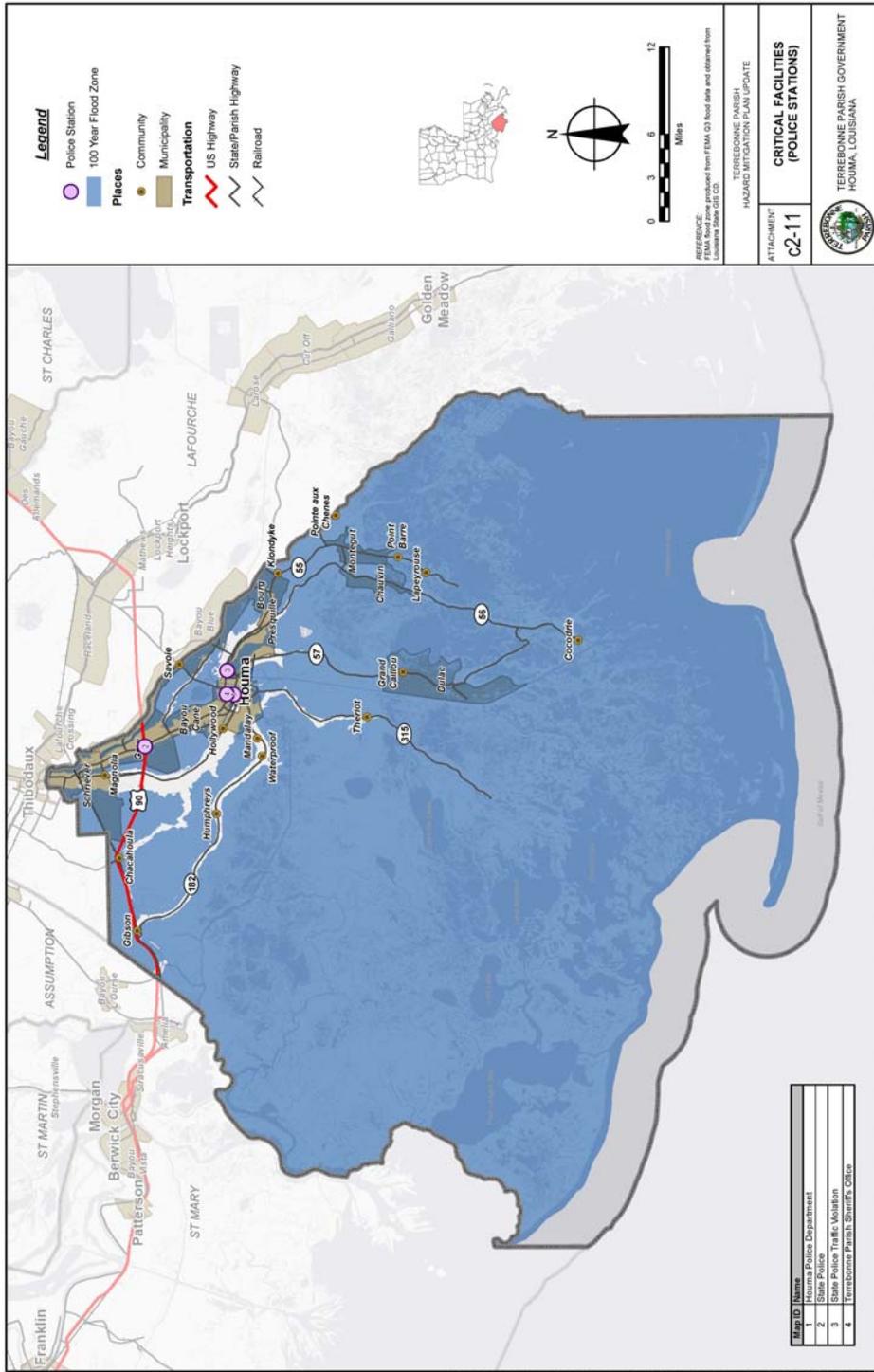
Attachment c2-9 Critical Facilities—Parish Buildings



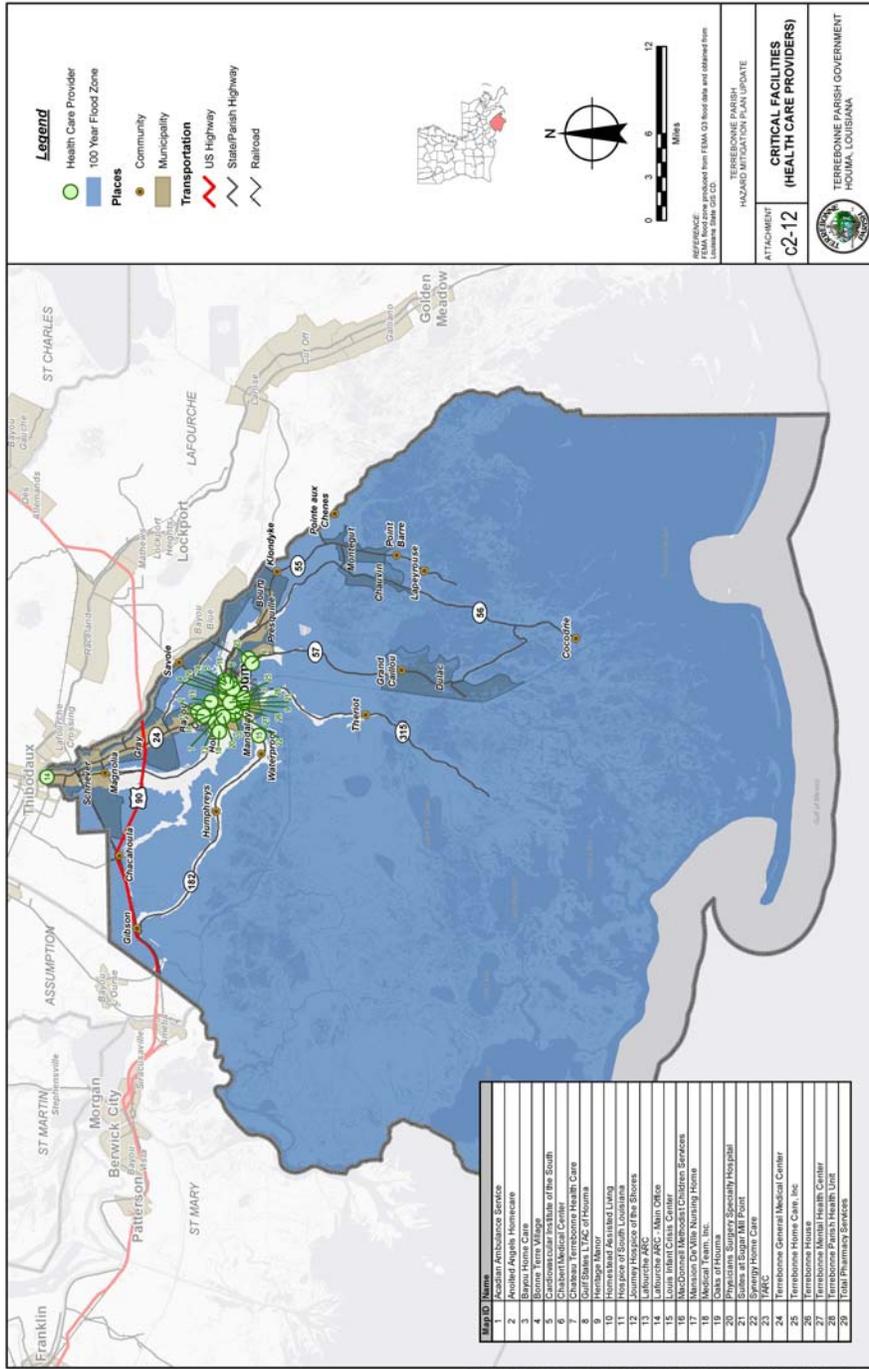
Attachment c2-10 Critical Facilities—Fire Stations



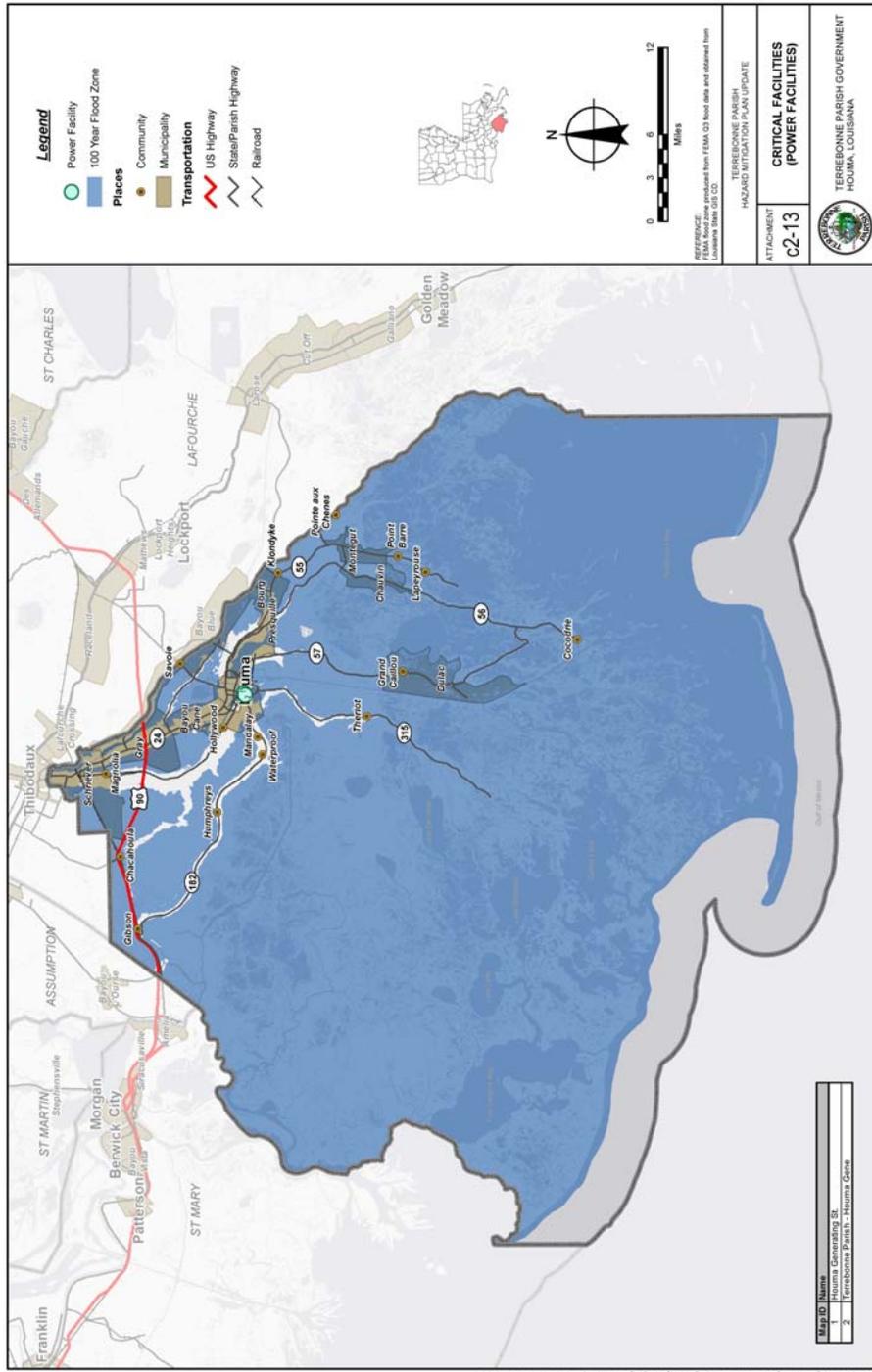
Attachment c2-11 Critical Facilities—Police Stations



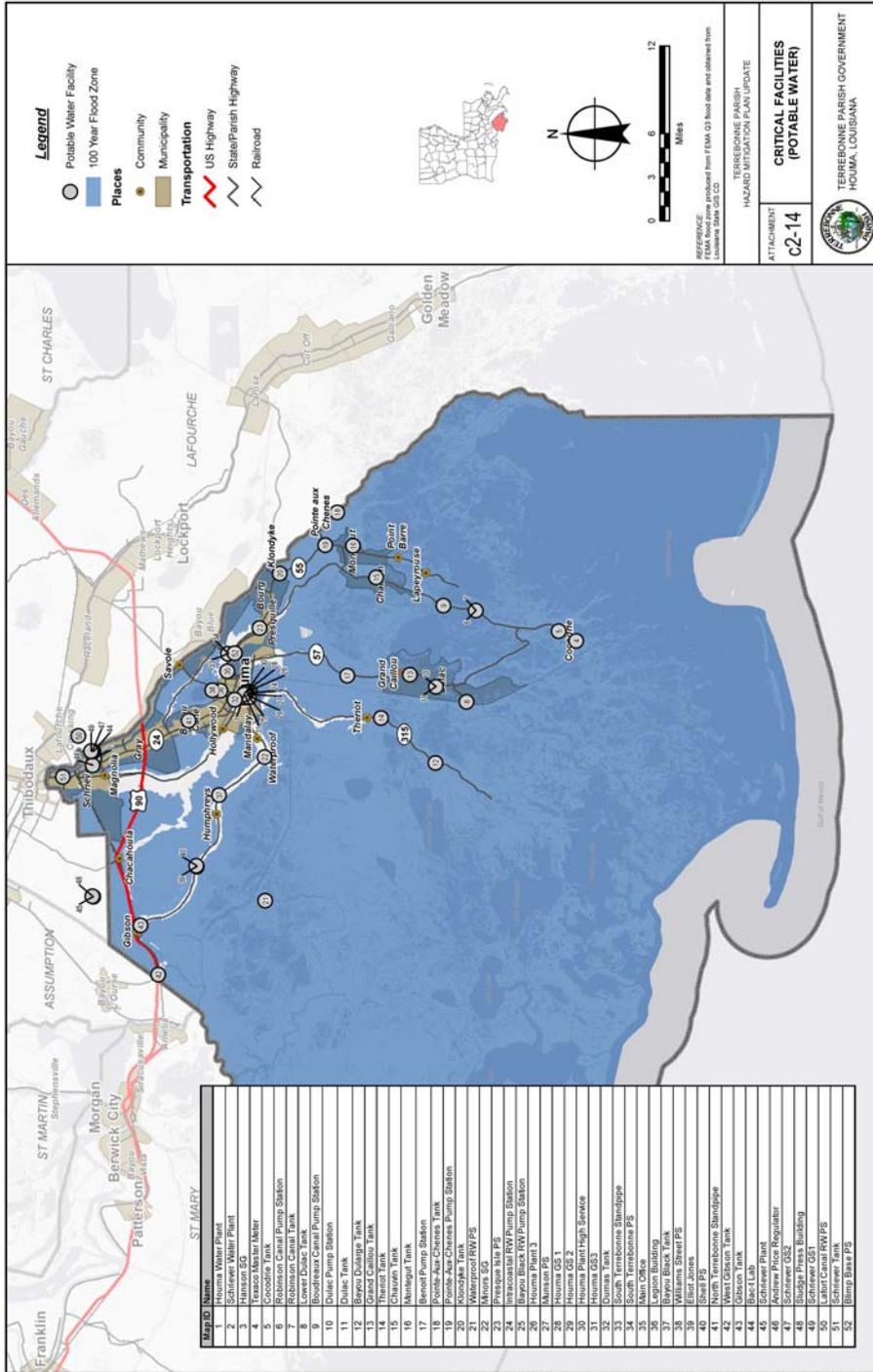
Attachment c2-12 Critical Facilities—Healthcare Providers



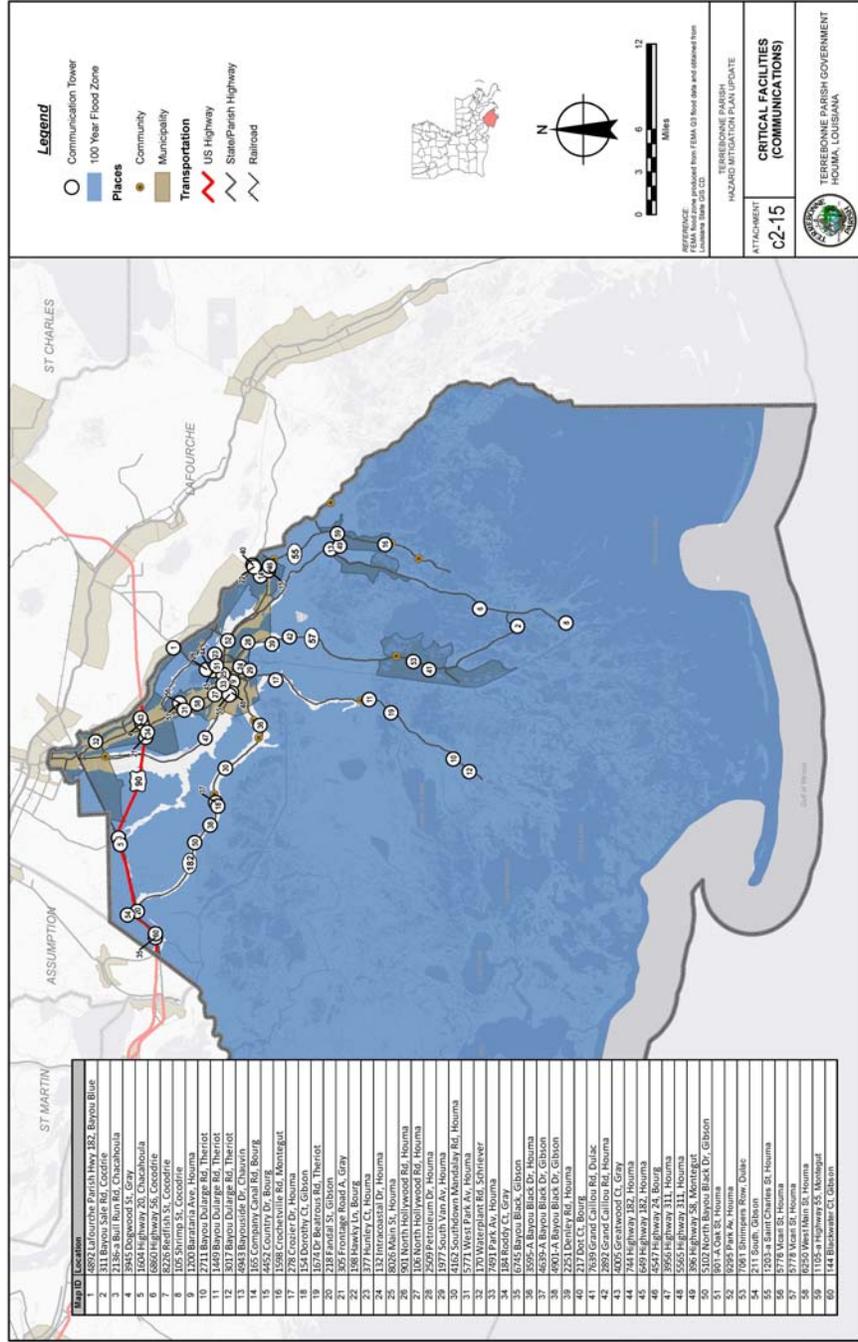
Attachment c2-13 Critical Facilities—Power Facilities



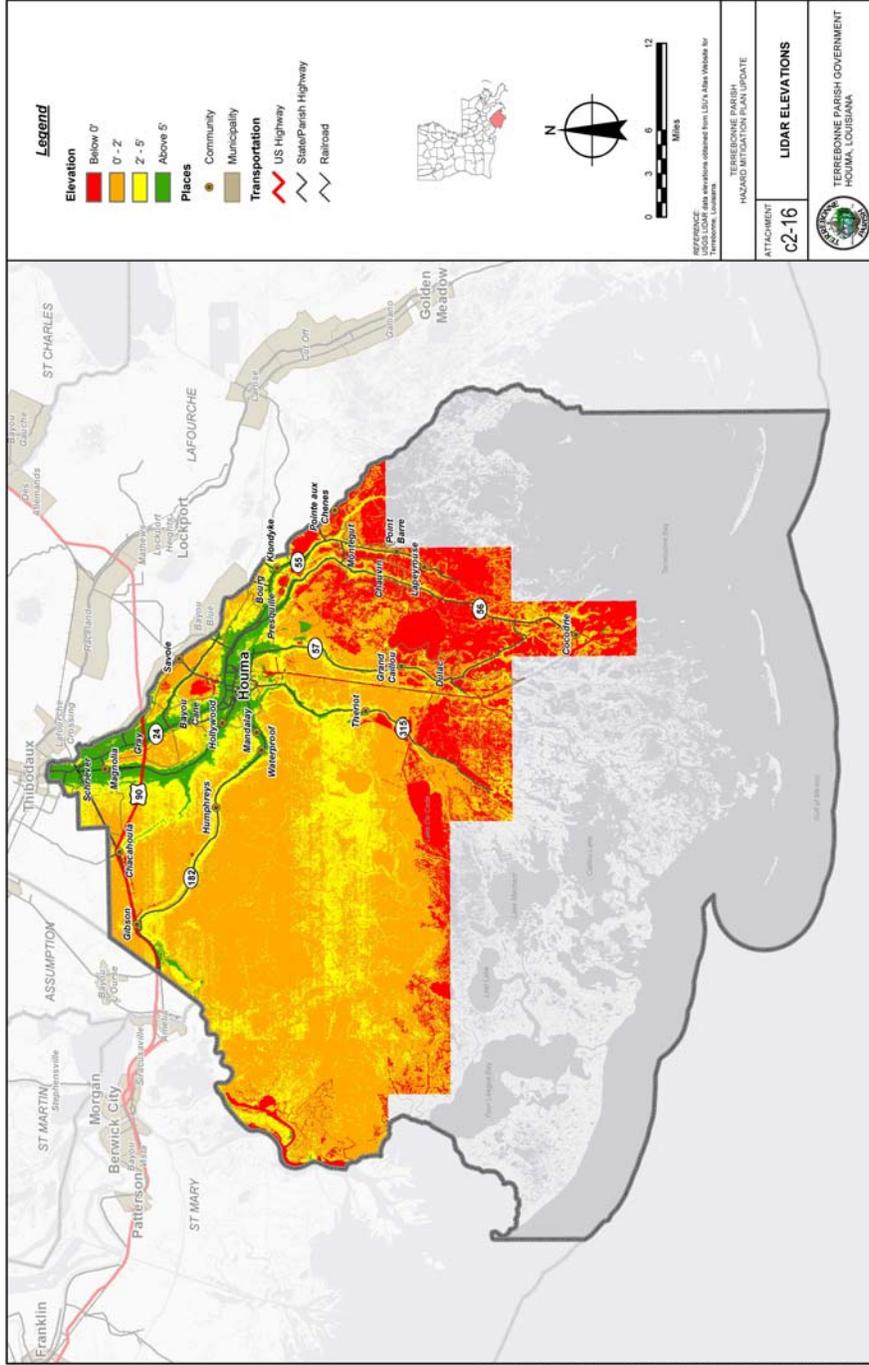
Attachment c2-14 Critical Facilities—Potable Water



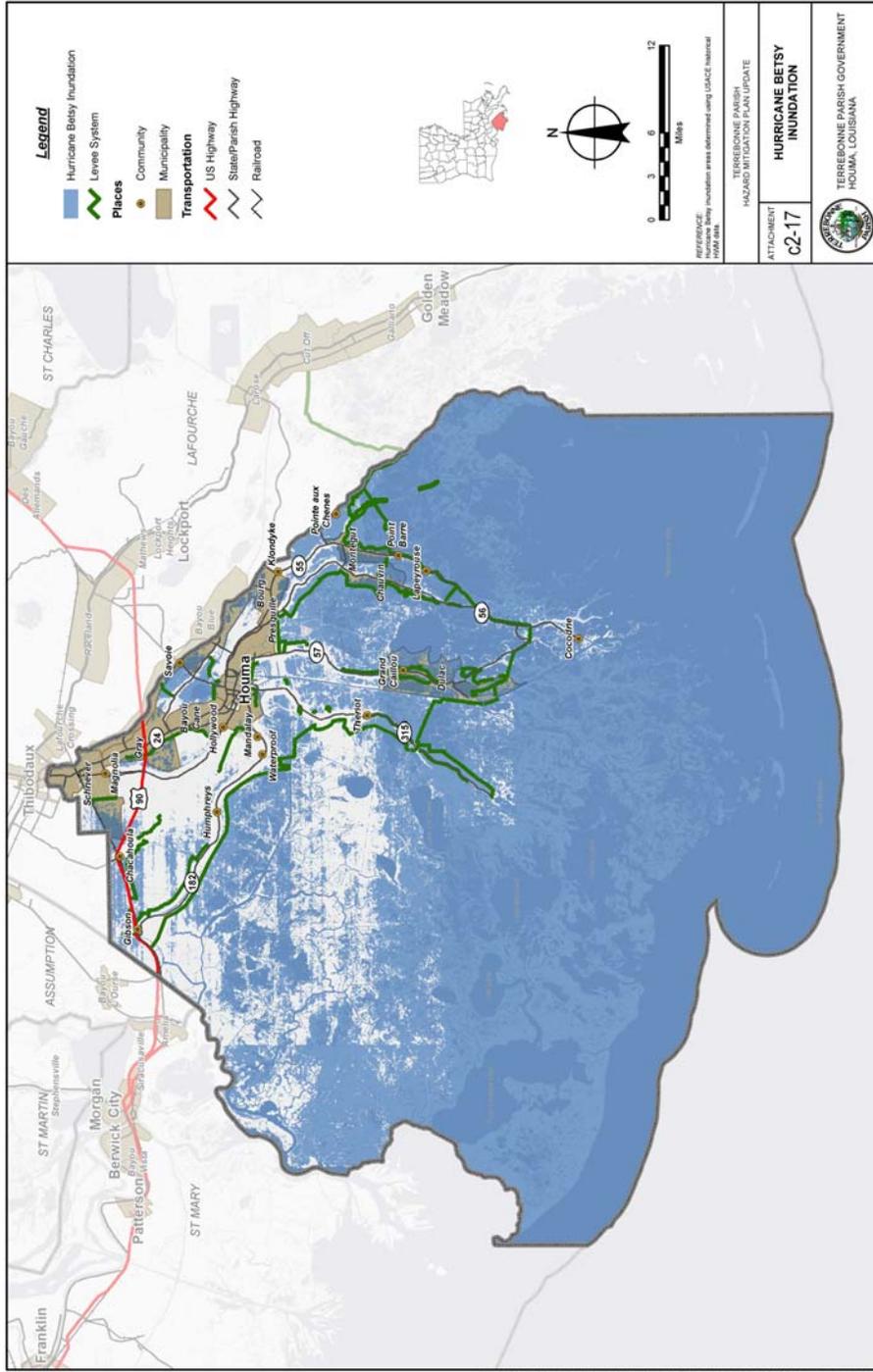
Attachment c2-15 Critical Facilities—Communications



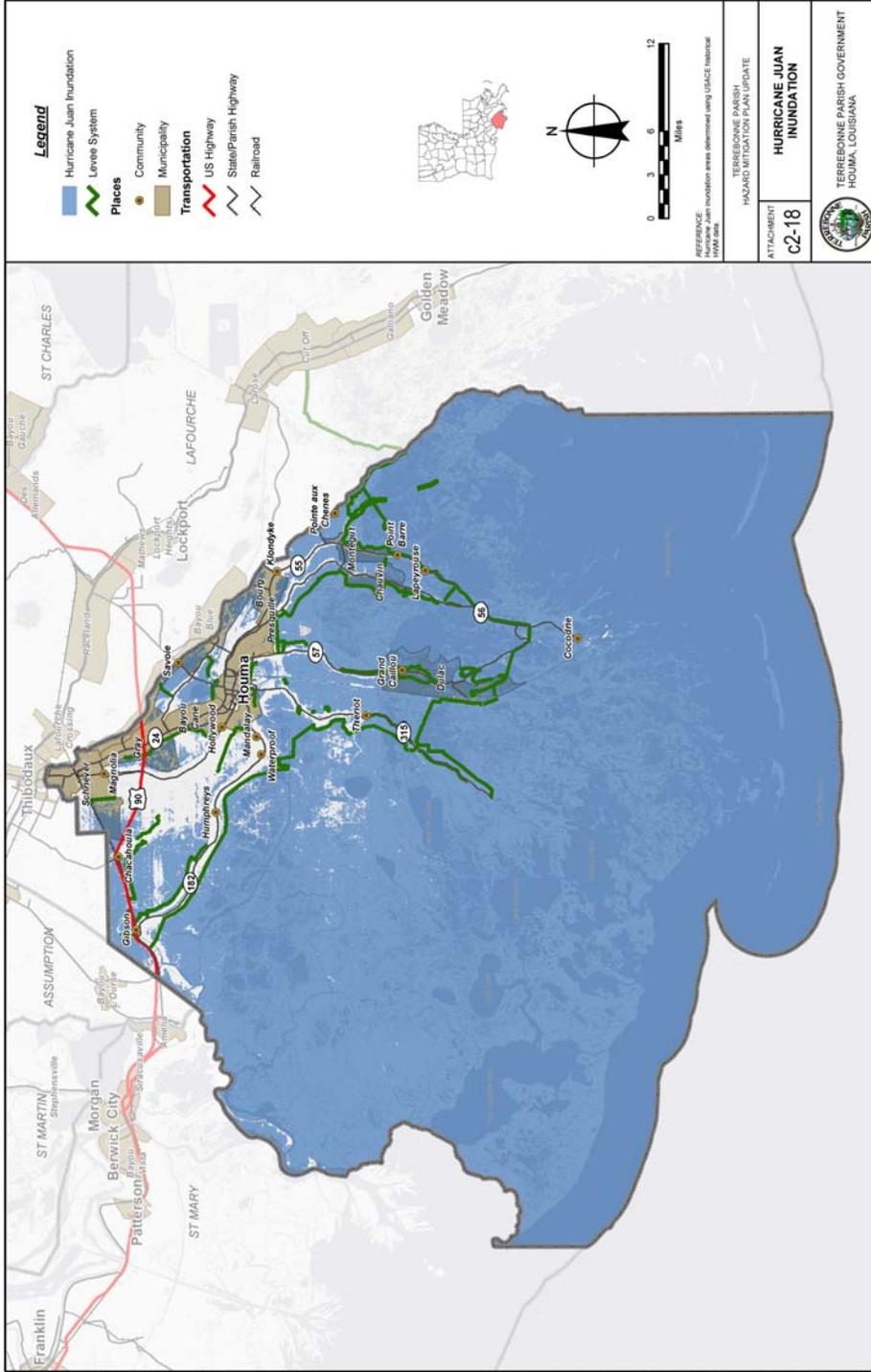
Attachment c2-16 Critical Facilities—LIDAR Elevations



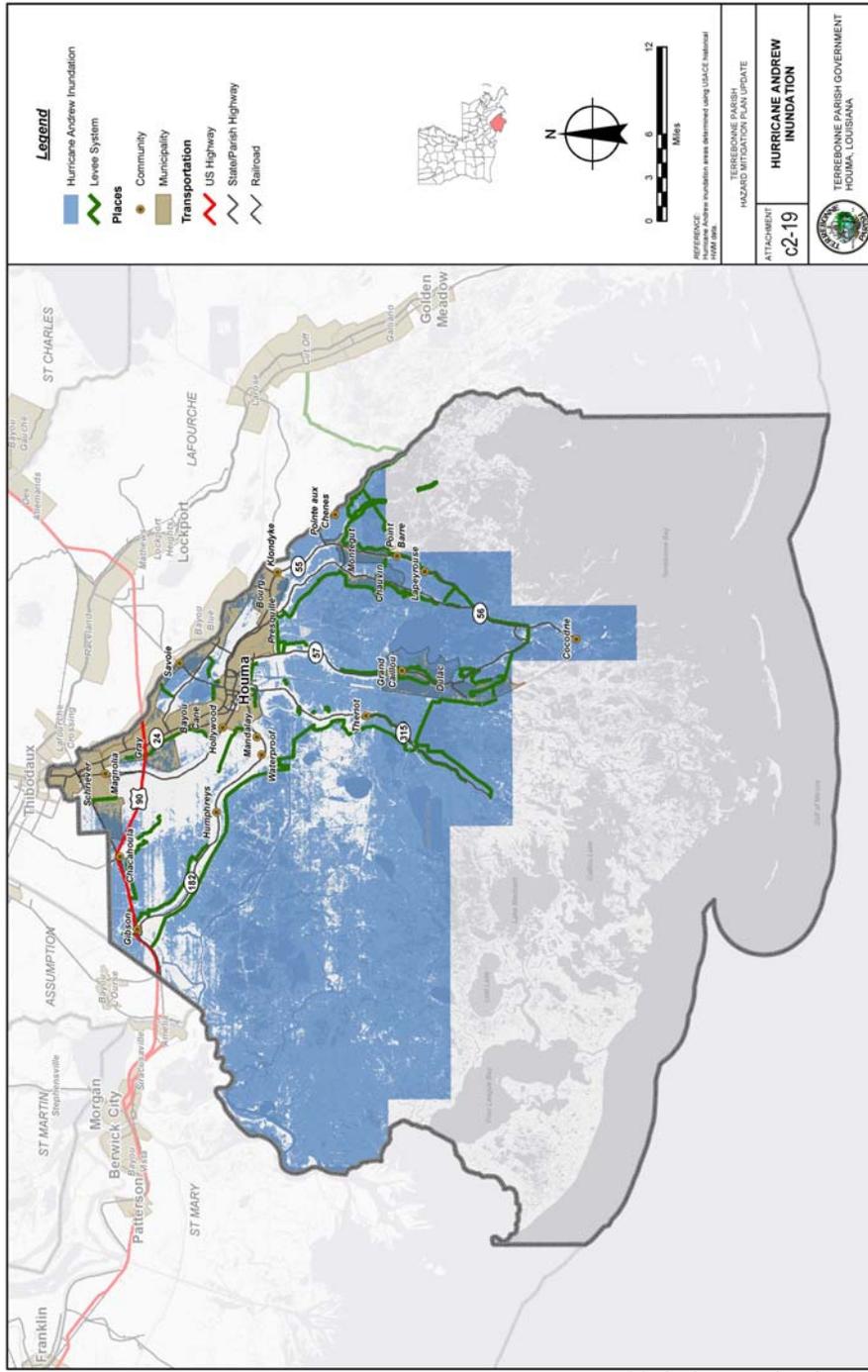
Attachment c2-17 Hurricane Betsy Inundation Map



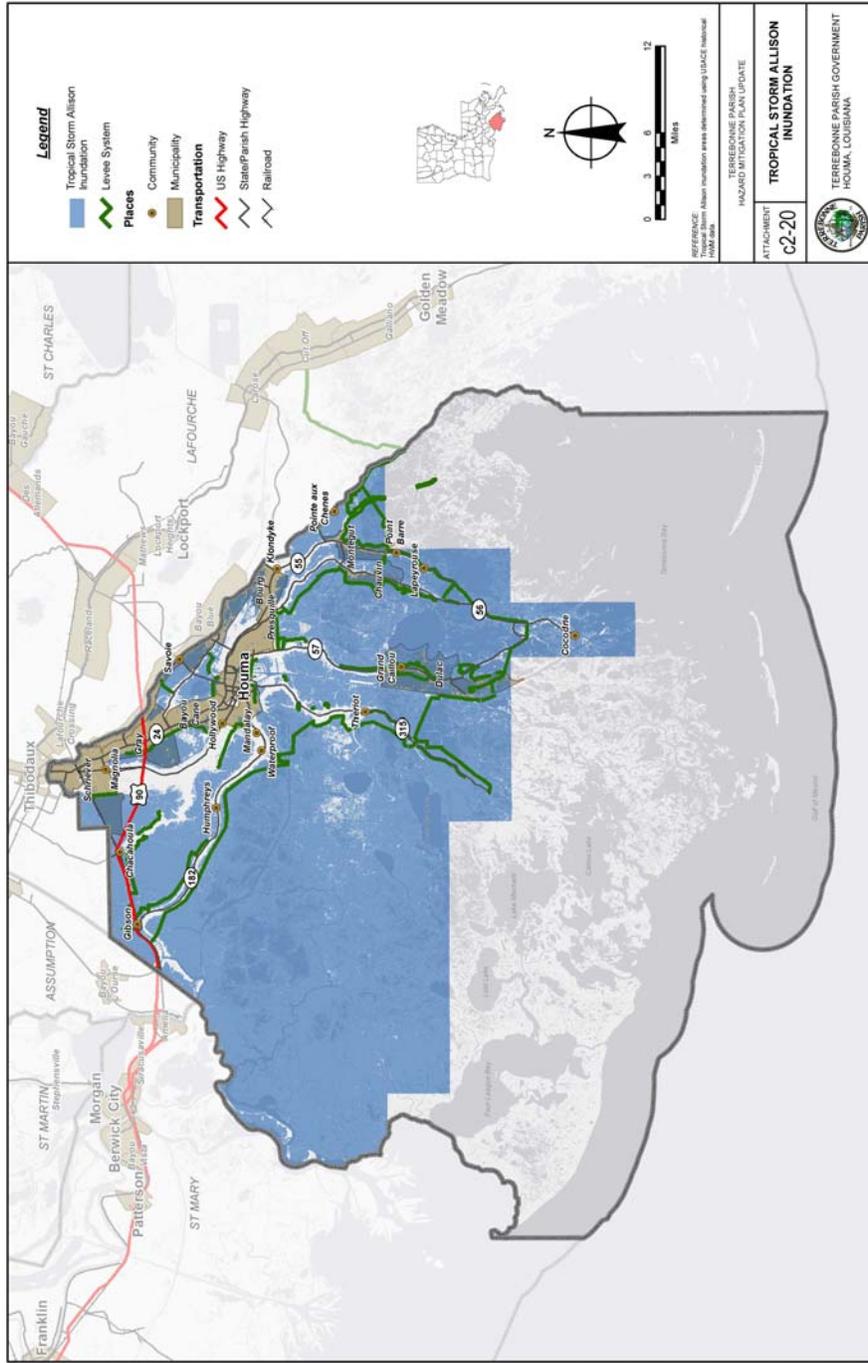
Attachment c2-18 Hurricane Juan Inundation Map



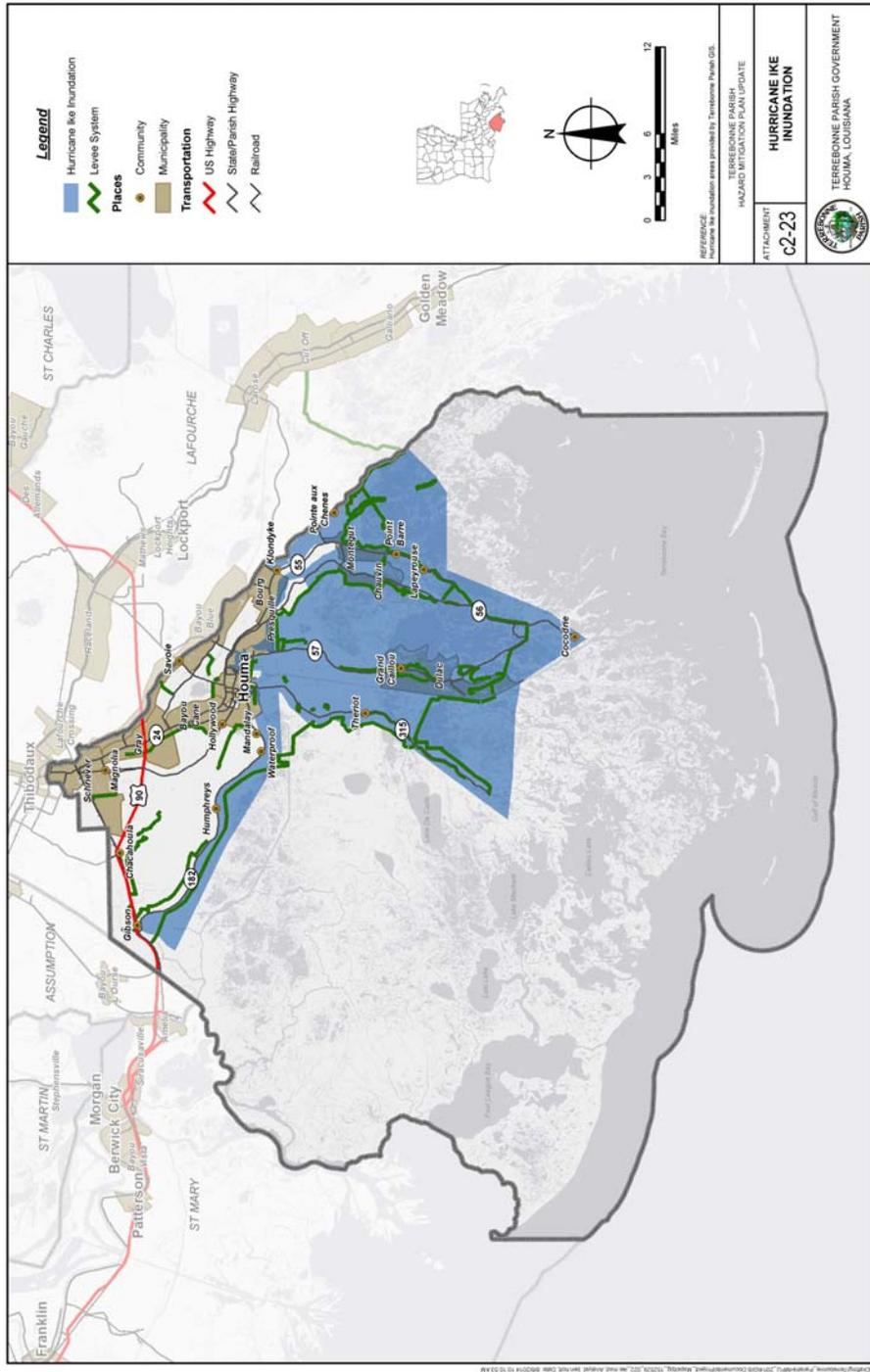
Attachment c2-19 Hurricane Andrew Inundation Map



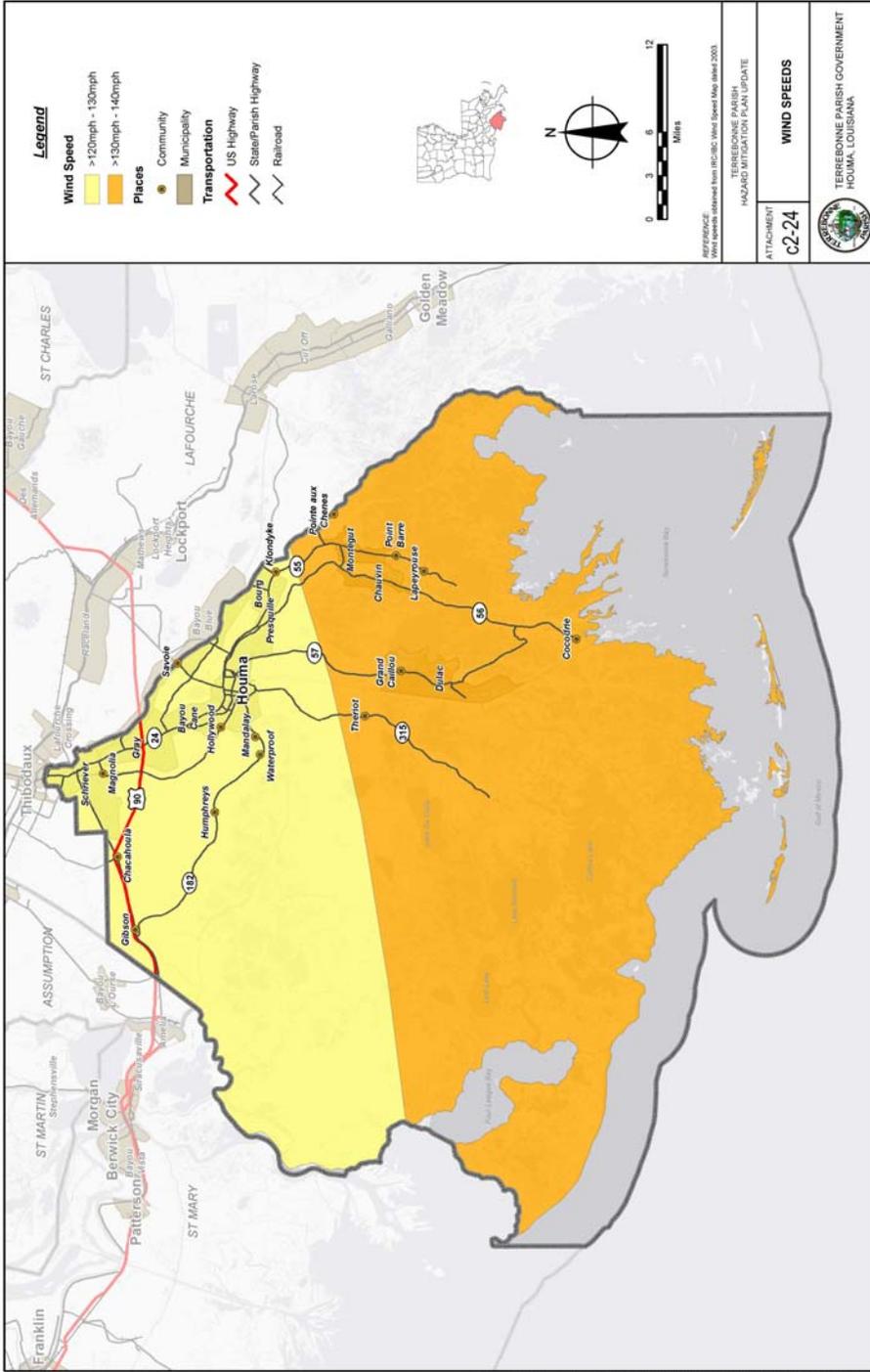
Attachment c2-20 Tropical Storm Allison Inundation Map



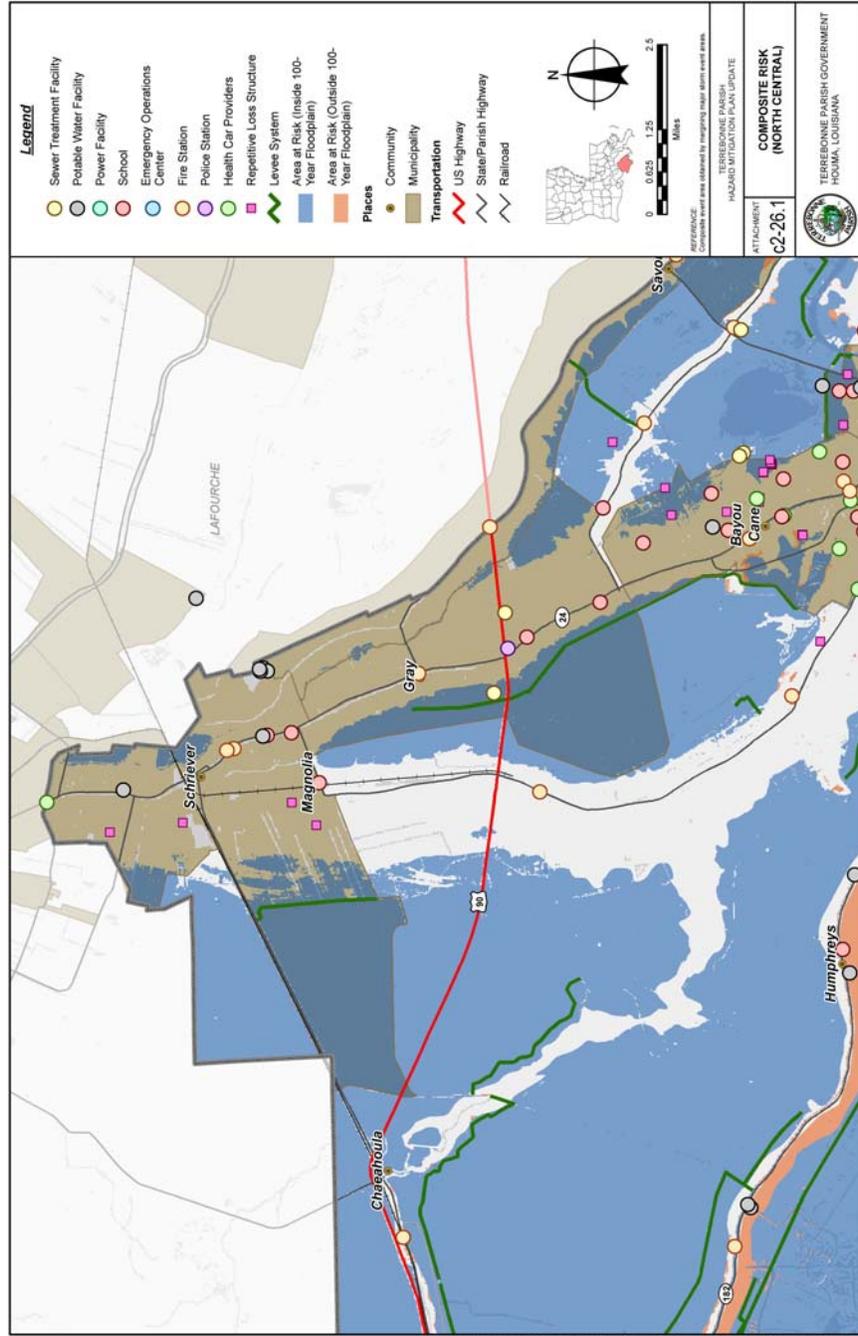
Attachment c2-23 Hurricane Ike Inundation Map



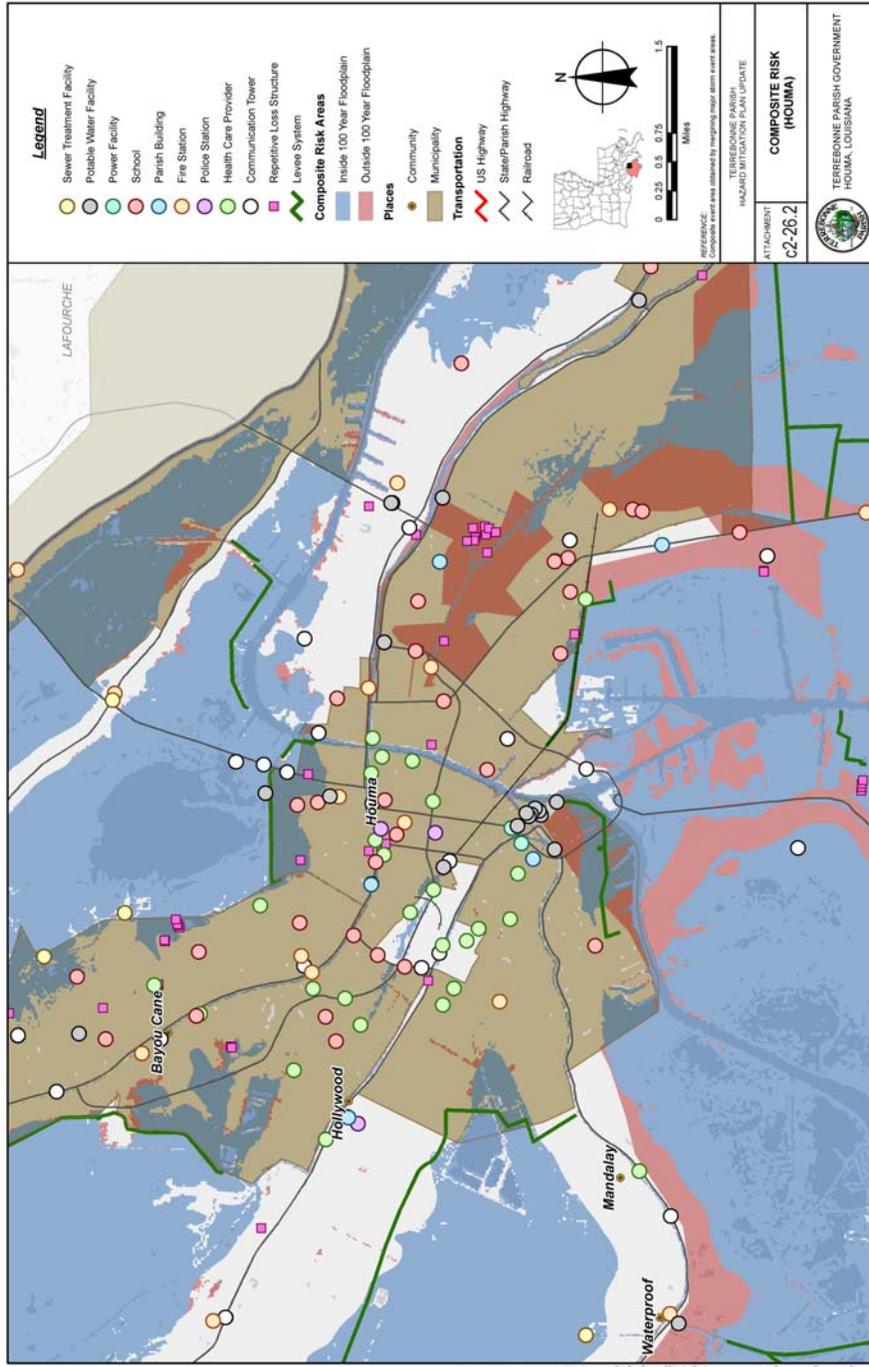
Attachment c2-24 Wind Speeds



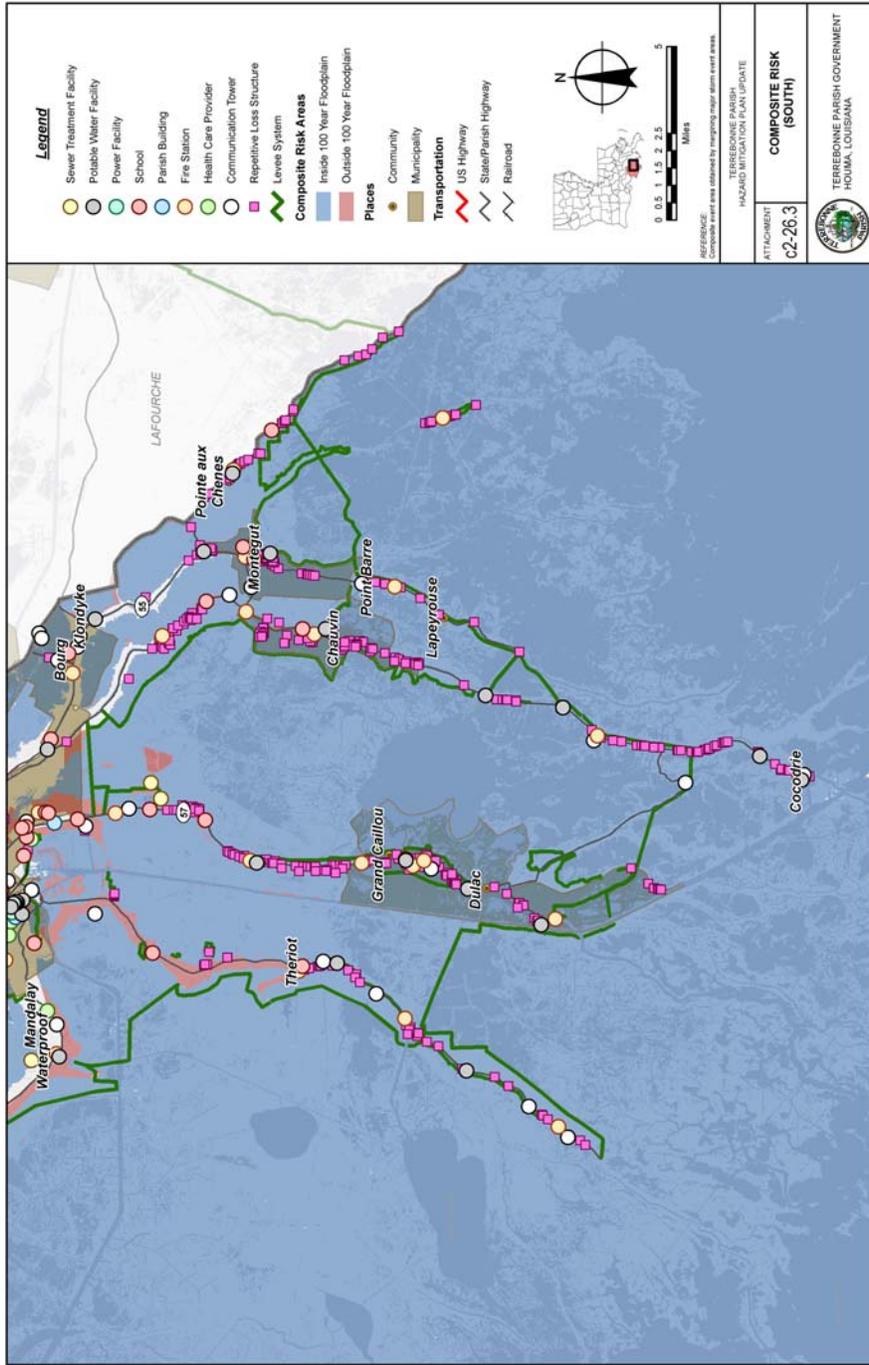
Attachment c2-26.1 Composite Risk Map—North Central



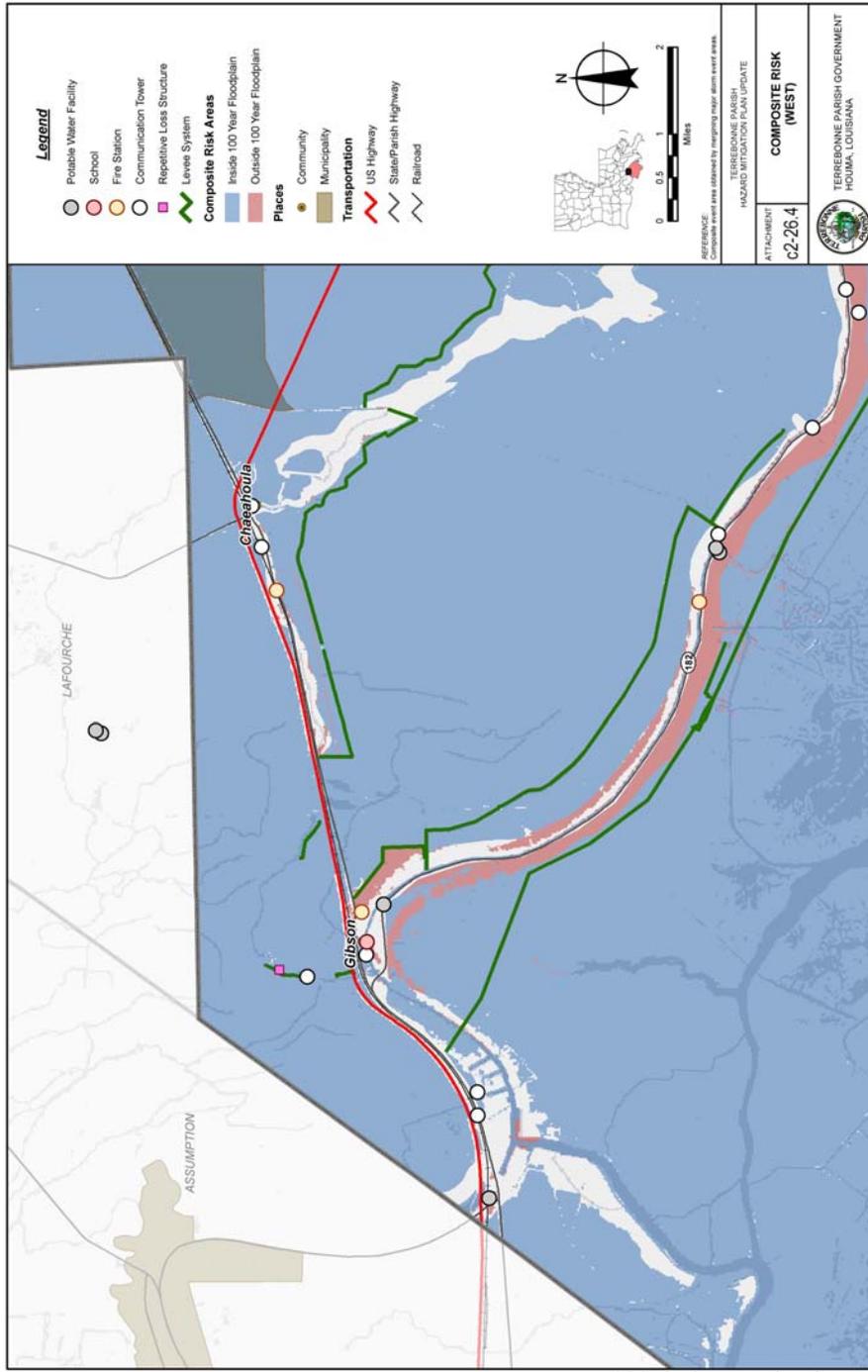
Attachment c2-26.2 Composite Risk Map—Houma



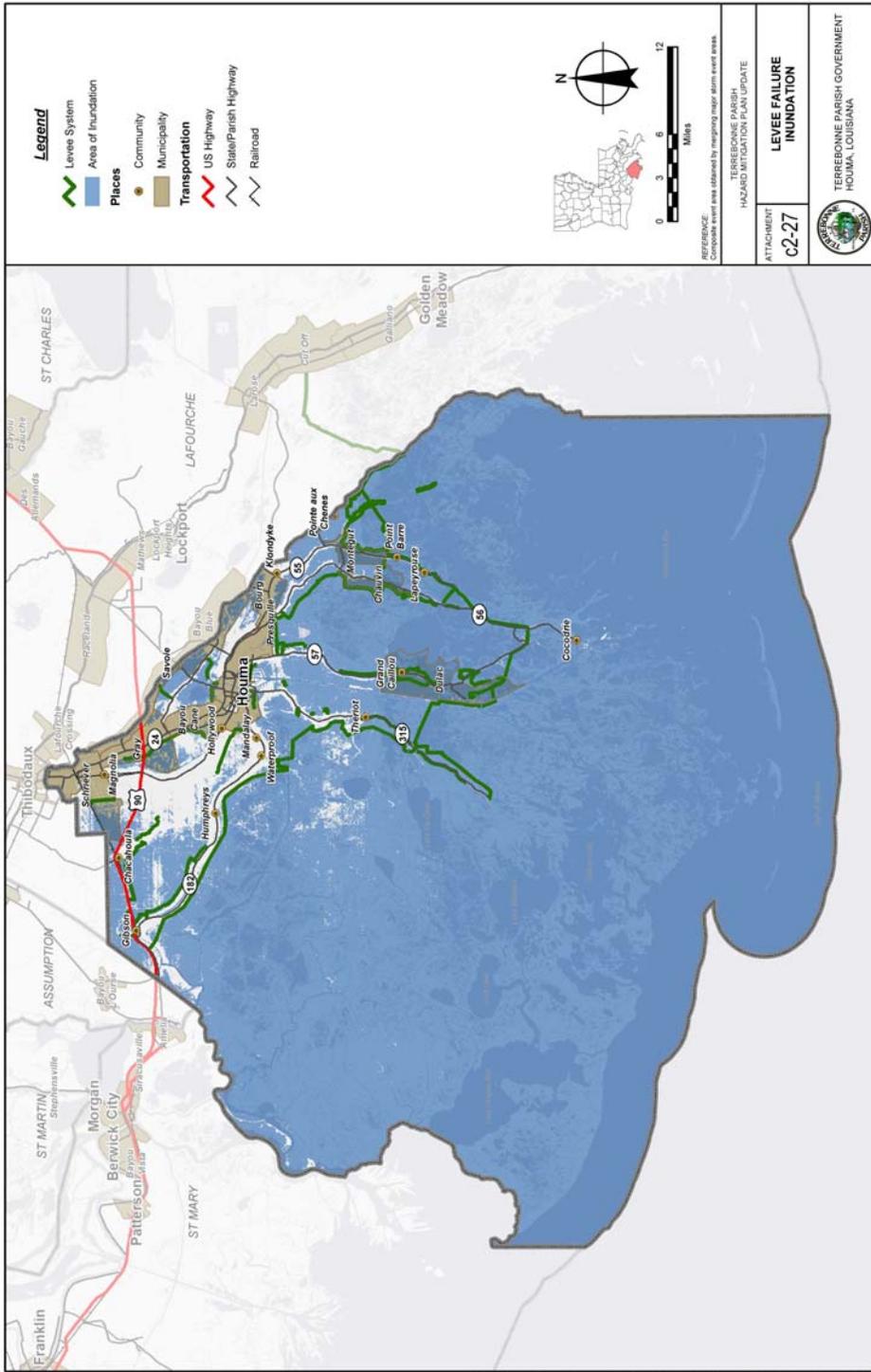
Attachment c2-26.3 Composite Risk Map—South



Attachment c2-26.4 Composite Risk Map—West



Attachment c2-27 Levee Failure Inundation Map

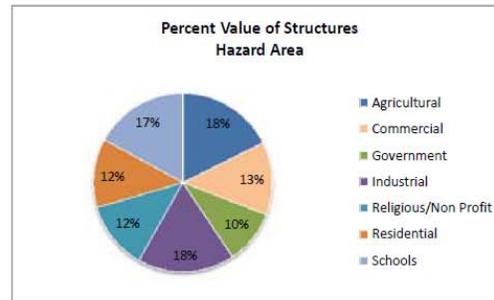
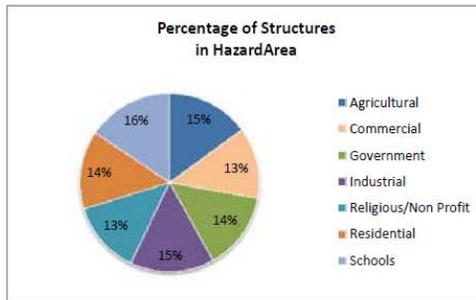


Attachment c2-28 Worksheet #3A—HAZUS

Terrebonne Parishwide HAZUS

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hazard Area	% in Hazard Area	\$ in Community	\$ in Hazard Area	% in Hazard Area
Agricultural	104	68	65%	\$ 23,133,000	\$ 19,067,000	82%
Commercial	2,200	1,241	56%	\$ 1,274,572,000	\$ 789,141,000	62%
Government	60	37	62%	\$ 36,499,000	\$ 16,690,000	46%
Industrial	669	445	67%	\$ 424,320,000	\$ 347,546,000	82%
Religious/Non Profit	188	108	57%	\$ 127,108,000	\$ 73,180,000	58%
Residential	39,273	24,429	62%	\$ 5,323,060,000	\$ 3,108,102,000	58%
Schools	66	45	68%	\$ 66,885,000	\$ 53,289,000	80%
Total	42,560	26,373	62%	\$ 7,275,577,000	\$ 4,407,015,000	61%

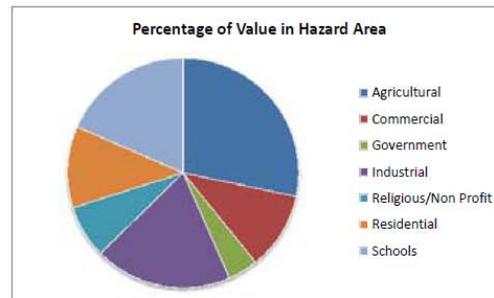
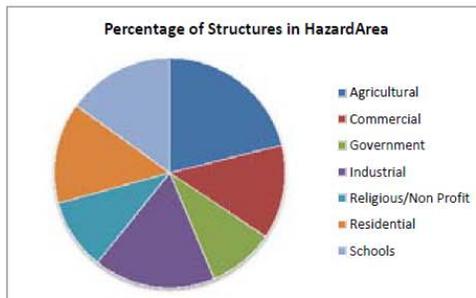
	# in Community	# in Hazard Area	% in Hazard Area
Population	104,503	64,961	62%



Houma HAZUS

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hazard Area	% in Hazard Area	\$ in Community	\$ in Hazard Area	% in Hazard Area
Agricultural	29	17	59%	\$ 13,423,000	\$ 12,614,000	94%
Commercial	951	349	37%	\$ 469,759,000	\$ 169,909,000	36%
Government	27	7	26%	\$ 21,587,000	\$ 3,042,000	14%
Industrial	235	111	47%	\$ 119,733,000	\$ 76,324,000	64%
Religious/Non Profit	65	18	28%	\$ 44,209,000	\$ 10,926,000	25%
Residential	12,642	4,996	40%	\$ 1,883,170,000	\$ 717,283,000	38%
Schools	24	10	42%	\$ 17,852,000	\$ 10,930,000	61%
Total	13,973	5,508	39%	\$ 2,569,733,000	\$ 1,001,028,000	39%

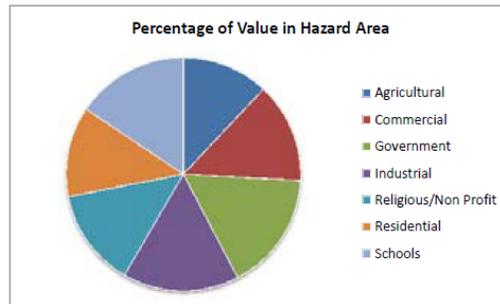
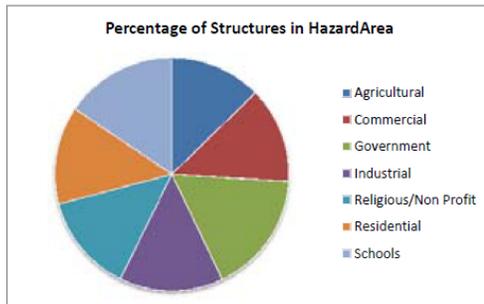
	# in Community	# in Hazard Area	% in Hazard Area
Population	32,970	14,197	43%



Unincorporated HAZUS

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hazard Area	% in Hazard Area	\$ in Community	\$ in Hazard Area	% in Hazard Area
Agricultural	75	51	68%	\$ 9,710,000	\$ 6,453,000	66%
Commercial	1,249	892	71%	\$ 804,813,000	\$ 619,232,000	77%
Government	33	30	91%	\$ 14,912,000	\$ 13,648,000	92%
Industrial	434	334	77%	\$ 304,587,000	\$ 271,222,000	89%
Religious/Non Profit	123	90	73%	\$ 82,899,000	\$ 62,254,000	75%
Residential	26,631	19,433	73%	\$ 3,439,890,000	\$ 2,390,819,000	70%
Schools	42	35	83%	\$ 49,033,000	\$ 42,359,000	86%
Total	28,587	20,865	73%	\$ 4,705,844,000	\$ 3,405,987,000	72%

	# in Community	# in Hazard Area	% in Hazard Area
Population	71,533	50,764	71%



**Attachment c2-29
List of Critical Facilities**

Type of Asset		Name/Description of Structure
	Hospitals	Chabert Medical Center
		Gulf States LTAC of Houma
		Physicians Surgery Specialty Hospital
		Terrebonne General Medical Center
	Assisted Living	Bonne Terre Village
		Chateau Terrebonne Health Care
		Heritage Manor of Houma
		Homestead Assisted Living
		Maison De'Ville Nursing Home
		Suites at Sugar Mill Point
		TARC
		Terrebonne House
		The Oaks of Houma
	Home Health	Anoited Care Services LLC
		Bayou Home Care
		Hospice of South Louisiana
		Journey Hospice
		Lafourche ARC - Main Office
		Lafourche ARC
		Synergy Home Health Care River Region
		Terrebonne Home Care, Inc
		The Medical Team
		Total Pharmacy Services
	Medical	Acadian Ambulance Service
		Cardiovascular Institute of the South
		Terrebonne Mental Health Center
		Terrebonne Parish Health Unit

Type of Asset		Name/Description of Structure
Essential Facilities, cont.	Emergency Operation Centers	911-Terrebonne Communications District
		Office of Emergency Preparedness (OEP)
	Police Stations	Houma Police Department
		State Police
		State Police Traffic Violation
		Terrebonne Parish Sheriff's Office
	Fire Stations	Bayou Black VFD--Station 2
		Bayou Black Volunteer Fire Department #9
		Bayou Blue Fire Department
		Bayou Blue VFD--Station 2
		Bayou Blue VFD--Station 3
		Bayou Cane Fire Protection District
		Bayou Cane VFD--Hollywood Road Station
		Bayou Cane VFD--Savanne Road Station
		Bayou Cane VFD--W. Park Avenue Station
		Bayou Dularge VFD--Station 1
		Bayou Dularge VFD--Station 2
		Bayou Dularge VFD--Station 4
		Bourg VFD
		Coteau Volunteer Fire Department
		Donner-Chacahoula--Central Station
		Dularge Volunteer Fire Department #10
Grand Caillou Fire Department Fire # 4A		
Grand Caillou Fire Department Fire # 4A		
Grand Caillou VFD--Bobtown Station		

Type of Asset		Name/Description of Structure
		Grand Caillou VFD--Bobtown Sub Station
		Grand Caillou VFD--Dulac Fire Station
		Grand Caillou VFD--Dulac Sub Station
		Houma FD--Airbase Station 4
		Houma FD--East Houma Station 3
		Houma FD - East Park Station
		Houma FD--North Houma Station 2
		Houma FD--South Houma Station 1
		Houma Fire Department
		Little Caillou VFD--Lower Station 3
Essential Facilities, cont.	Fire Stations, cont.	Little Caillou VFD--Upper Station 1
		Little Caillou/ Chauvin Fire #7
		Little Caillou/ Chauvin Fire #7
		Montegut District # 6 - Station 1
		Montegut--Station 2
		Montegut--Station 3
		Montegut--Station 4
		Schriever VFD--Central Schriever Station
		Schriever VFD--Elsworth Station
		Schriever VFD--Gray Station
		Schriever Volunteer Fire Dept.
		Village East VFD--Central Station
	West Terrebonne F&R (Gibson East)	
West Terrebonne F&R--(TPCG) Don/Ch		
West Terrebonne Fire & Rescue (TPCG)		
	Acadian Elementary	
	Andrew Price	

Type of Asset		Name/Description of Structure
Schools		Bayou Black Elementary
		Bayou Cane Adult Ed Center
		Bourg Elementary
		Broadmoor Elementary
		Caldwell Middle
		Coteau-Bayou Blue Elementary
		Dularge Elementary
		Dularge Middle
		East Houma Elementary
		East Street
		Ellender Memorial High
		Elysian Fields Middle
		Evergreen Jr. High
		Gibson elementary
		Grand Caillou Middle
		H.L. Bourgeois High
		Honduras Elementary
		Houma Jr. High
		Juvenile Justice Center
		Lacache Middle
		Legion Park Middle
		Lisa Park Elementary
		Maria Immacolata Elementary
		Montegut Elementary
		Montegut Middle

Type of Asset		Name/Description of Structure
Essential Facilities, cont.	Schools, cont.	Mulberry Elementary
		Oaklawn Jr. High
		Oakshire Elementary
		Omega Institute of Cosmetology
		Point-aux-Chenes Elementary
		School for Exceptional Children
		Schriever Elementary
		South Louisiana Beauty College
		South Terrebonne High
		Southdown Elementary
		St. Bernadette
		St. Francis De Sales
		St. Gregory Barbarigo
		St. Matthew's
		TARC
		Terrebonne High
		Terrebonne Career and Technical High
		Terrebonne Parish School Board
Upper Little Caillou Elementary		
Essential Facilities, cont.	Schools, cont.	Vandebilt Catholic High
		Village East Elementary
		West Park Elementary

Type of Asset		Name/Description of Structure
Other	Parish Owned Buildings	Houma Terrebonne Housing Authority (Bayou Towers)
		Public Works Yard
		Pump Stations (Various Locations)
	Child Care	Louis Infant Crisis Center
		MacDonnell Methodist Children Services
	Civic Center	Houma-Terrebonne Civic Center
Lifeline Utility Systems	Sewage	Eureka Heights S/D - Gray
		Fairlane Sewerage Corp - Gray
		Halliburton Energy Services
		North Sewage Treatment Plant
		South Sewage Treatment Plant
		Terrebonne Parish Con Gov-Cyp
		Terrebonne Parish Pollution Control
		TPCG Pollution Control South Treatment Plant
	Power Plants	Houma Generating St.
		Terrebonne Parish - Houma Gene
	Water	Andrew Price Regulator
		Bac-t Lab
		Bayou Black RW Pump Station
		Bayou Black Tank
		Bayou Dularge Tank
		Benoit Pump Station
		Blimp Base PS
		Boudreaux Canal Pump Station
		Chauvin Tank
		Cocodrie Tank

Type of Asset		Name/Description of Structure
		Dulac Pump Station
		Dulac Tank
		Dumas Tank
		Elliot Jones
		Gibson Tank
		Grand Caillou Tank
		Hanson SG
		Houma GS 1
		Houma GS 2
Lifeline Utility Systems, cont.	Water, cont.	Houma GS3
		Houma Plant 3
		Houma Plant High Service
		Houma Water Plant
		Intracoastal RW Pump Station
		Klondyke Tank
		Lafort Canal RW PS
		Legion Building
		Lower Dulac Tank
		Main Office
		Minors SG
		Montegut Tank
		Munson PS
		North Terrebonne Standpipe
		Pointe-Aux-Chenes Pump Station
Pointe-Aux-Chenes Tank		
Presque Isle PS		

Type of Asset		Name/Description of Structure
		Robinson Canal Pump Station
		Robinson Canal Tank
		Schriever GS1
		Schriever GS2
		Schriever Tank
		Schriever Water Plant
		Shell PS
		South Terrebonne PS
		South Terrebonne Standpipe
		Texaco Master Meter
		Theriot Tank
		West Gibson Tank
		Williams Street PS

**Attachment c2-30
Identification of Critical Facilities in the Hazard Areas**

Type of Asset		Name/Description of Structure	100-Year Flood Plain	Composite Risk	Levee Failure
	Hospitals	Chabert Medical Center	X	X	
		Gulf States LTAC of Houma			
		Physicians Surgery Specialty Hospital			
		Terrebonne General Medical Center			
	Assisted Living	Bonne Terre Village			
		Chateau Terrebonne Health Care			
		Heritage Manor of Houma			
		Homestead Assisted Living			
		Maison De'Ville Nursing Home			
		Suites at Sugar Mill Point			
		TARC			
		Terrebonne House			
	The Oaks of Houma	X	X		
	Home Health	Anoited Care Services LLC			
		Bayou Home Care			
		Hospice of South Louisiana			
		Journey Hospice			
		Lafourche ARC - Main Office			
		Lafourche ARC			
		Synergy Home Health Care River Region			
		Terrebonne Home Care, Inc	X	X	
		The Medical Team			
	Total Pharmacy Services				
	Medical	Acadian Ambulance Service			
		Cardiovascular Institute of the South		X	
		Terrebonne Mental Health Center			
		Terrebonne Parish Health Unit	X		
	Emergency Operation Centers	911-Terrebonne Communications District			
		Office of Emergency Preparedness (OEP)			
	Police Stations	Houma Police Department			
		State Police			
State Police Traffic Violation					
Terrebonne Parish Sheriff's Office					
	Bayou Black VFD--Station 2				
	Bayou Black Volunteer Fire Department #9				

Type of Asset		Name/Description of Structure	100-Year Flood Plain	Composite Risk	Levee Failure
Essential Facilities, cont.	Fire Stations	Bayou Blue Fire Department			
		Bayou Blue VFD--Station 2			
		Bayou Blue VFD--Station 3			
		Bayou Cane Fire Protection District			
		Bayou Cane VFD--Hollywood Road Station			
		Bayou Cane VFD--Savanne Road Station			
		Bayou Cane VFD--W. Park Avenue Station			
		Bayou Dularge VFD--Station 1	X	X	X
		Bayou Dularge VFD--Station 2		X	
		Bayou Dularge VFD--Station 4		X	
		Bourg VFD			X
		Coteau Volunteer Fire Department			
		Donner-Chacahoula--Central Station			
		Dularge Volunteer Fire Department #10	X	X	X
		Grand Caillou Fire Department Fire # 4A	X	X	
		Grand Caillou Fire Department Fire # 4A	X	X	X
		Grand Caillou VFD--Bobtown Station	X	X	
		Grand Caillou VFD--Bobtown Sub Station	X	X	X
		Grand Caillou VFD--Dulac Fire Station	X	X	X
		Grand Caillou VFD--Dulac Sub Station	X	X	X
		Houma FD--Airbase Station 4		X	
		Houma FD--East Houma Station 3	X	X	
		Houma FD - East Park Station		X	
		Houma FD--North Houma Station 2			
		Houma FD--South Houma Station 1			
		Houma Fire Department			
		Little Caillou VFD--Lower Station 3	X	X	X
Little Caillou VFD--Upper Station 1	X	X			
Little Caillou/ Chauvin Fire #7	X	X	X		
Little Caillou/ Chauvin Fire #7	X	X	X		
Montegut District # 6 - Station 1	X	X			
Montegut--Station 2	X	X			
Montegut--Station 3		X	X		
Montegut--Station 4	X	X	X		
Schriever VFD--Central Schriever Station					
Schriever VFD--Elsworth Station					
	Fire Stations, cont.				

Type of Asset		Name/Description of Structure	100-Year Flood Plain	Composite Risk	Levee Failure		
Essential Facilities, cont.		Schriever VFD--Gray Station					
		Schriever Volunteer Fire Dept.					
		Village East VFD--Central Station					
		West Terrebonne F&R (Gibson East)			X		
		West Terrebonne F&R--(TPCG) Don/Ch	X		X		
		West Terrebonne Fire & Rescue (TPCG)			X		
	Schools	Acadian Elementary					
		Andrew Price					
		Bayou Black Elementary			X		
		Bayou Cane Adult Ed Center					
		Bourg Elementary	X	X			
		Broadmoor Elementary	X	X			
		Caldwell Middle					
		Coteau-Bayou Blue Elementary					
		Dularge Elementary	X	X			
		Dularge Middle		X			
		East Houma Elementary	X				
		East Street	X				
		Ellender Memorial High					
		Elysian Fields Middle	X	X	X		
		Evergreen Jr. High					
		Gibson elementary					
			Grand Caillou Elementary	X	X	X	
			Grand Caillou Middle		X		
	H.L. Bourgeois High						
	Honduras Elementary						
Houma Jr. High							
Juvenile Justice Center	X		X	X			
Lacache Middle	X		X				
Legion Park Middle	X		X				
Lisa Park Elementary							
Maria Immacolata Elementary							
Montegut Elementary	X		X				
Montegut Middle	X		X	X			
Mulberry Elementary							
Oaklawn Jr. High	X						

Type of Asset		Name/Description of Structure	100-Year Flood Plain	Composite Risk	Levee Failure
Essential Facilities, cont.	Schools, cont.	Oakshire Elementary			
		Omega Institute of Cosmetology	X		
		Point-aux-Chenes Elementary	X	X	X
		School for Exceptional Children			
		Schriever Elementary			
		South Louisiana Beauty College	X	X	
		South Terrebonne High			
		Southdown Elementary			
		St. Bernadette			
		St. Francis De Sales			
		St. Gregory Barbarigo	X	X	
		St. Matthew's			
		TARC			
		Terrebonne High			
		Terrebonne Career and Technical High		X	
		Terrebonne Parish School Board			
Upper Little Caillou Elementary	X	X			
Essential Facilities, cont.	Schools, cont.	Vandebilt Catholic High			
		Village East Elementary	X	X	
		West Park Elementary			

Type of Asset		Name/Description of Structure	100-Year Flood Plain	Composite Risk	Levee Failure
Other	Parish Owned Buildings	Houma Terrebonne Housing Authority (Bayou Towers)			
		Public Works Yard		X	
		Pump Stations (Various Locations)		X	
	Child Care	Louis Infant Crisis Center			
		MacDonnell Methodist Children Services			
Civic Center	Houma-Terrebonne Civic Center				
Lifeline Utility Systems	Sewage	Eureka Heights S/D - Gray			
		Fairlane Sewerage Corp - Gray	X	X	X
		Halliburton Energy Services			
		North Sewage Treatment Plant	X	X	
		South Sewage Treatment Plant	X	X	X
		Terrebonne Parish Con Gov-Cyp	X	X	
		Terrebonne Parish Pollution Control	X	X	
		TPCG Pollution Control South Treatment Plant	X	X	X
	Power Plants	Houma Generating St.			
		Terrebonne Parish - Houma Gene			
	Water	Andrew Price Regulator			
		Bac-t Lab			
		Bayou Black RW Pump Station	X	X	X
		Bayou Black Tank			
		Bayou Dularge Tank	X	X	X
		Benoit Pump Station	X	X	X
		Blimp Base PS			
		Boudreaux Canal Pump Station	X	X	X
		Chauvin Tank	X	X	X
		Cocodrie Tank	X	X	X
		Dulac Pump Station	X	X	X
		Dulac Tank	X	X	X
		Dumas Tank	X	X	
		Elliot Jones	X	X	X
		Gibson Tank			
		Grand Caillou Tank	X	X	X
		Hanson SG	X	X	
Houma GS 1					
Houma GS 2	X				
	Houma GS3				

Type of Asset		Name/Description of Structure	100-Year Flood Plain	Composite Risk	Levee Failure
Lifeline Utility Systems, cont.	Water, cont.	Houma Plant 3			
		Houma Plant High Service			
		Houma Water Plant			
		Intracoastal RW Pump Station			
		Klondyke Tank	X		
		Lafort Canal RW PS			
		Legion Building			
		Lower Dulac Tank	X	X	X
		Main Office			
		Minors SG	X	X	X
		Montegut Tank	X	X	X
		Munson PS			
		North Terrebonne Standpipe			
		Pointe-Aux-Chenes Pump Station	X	X	
		Pointe-Aux-Chenes Tank	X	X	X
		Presque Isle PS			
		Robinson Canal Pump Station	X	X	X
		Robinson Canal Tank	X	X	X
		Schriever GS1	X		
		Schriever GS2	X		
		Schriever Tank			
		Schriever Water Plant	X		
		Shell PS			
		South Terrebonne PS			
		South Terrebonne Standpipe			
		Texaco Master Meter	X	X	X
Theriot Tank	X	X	X		
West Gibson Tank		X	X		
Williams Street PS	X	X	X		

**Attachment c2-31
Worksheet #4—Estimated Losses (Hurricane)**

Category	Name/Description of Structure	Structure Loss			Contents Loss			Structure Use and Function Loss					Structure Loss+Content Loss+Function Loss (\$)
		Structure Replacement Value (\$)	Percent Damage (%)	Loss to Structure (\$)	Replacement of Contents Value (\$)	Percent Damage (%)	Loss to Contents (\$)	Average Daily Operating Budget (\$)	Functional Downtime	Displacement Cost Per Day	Displacement Time	Structure Use & Function Cost	
Police Stations	Office of Emergency Preparedness (OEP)	\$1,950,000 x	32% =	\$624,000	\$2,925,000 x	0.0% =	\$0	\$137 x	10 +	\$137 x	30 =	\$45,210	\$669,210
	Houma Police Department	\$1,246,000 x	32% =	\$398,720	\$1,869,000 x	0.0% =	\$0	\$274 x	10 +	\$274 x	30 =	\$90,420	\$489,140
	State Police	\$1,246,000 x	32% =	\$398,720	\$1,869,000 x	0.0% =	\$0	\$274 x	15 +	\$274 x	70 =	\$306,880	\$705,600
	State Police Traffic Violation	\$1,246,000 x	32% =	\$398,720	\$1,869,000 x	0.0% =	\$0	\$274 x	15 +	\$274 x	70 =	\$306,880	\$705,600
	Terrebonne Parish Sheriff's Office	\$1,246,000 x	32% =	\$398,720	\$1,869,000 x	0.0% =	\$0	\$342 x	0 +	\$342 x	0 =	\$0	\$398,720
Fire Stations	Bayou Black VFD--Station 2	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$274 x	0 +	\$274 x	0 =	\$0	\$170,880
	Bayou Black Volunteer Fire Department #9	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$274 x	10 +	\$274 x	30 =	\$90,420	\$261,300
	Bayou Blue Fire Department	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$274 x	0 +	\$274 x	0 =	\$0	\$170,880
	Bayou Blue VFD--Station 2	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$274 x	0 +	\$274 x	0 =	\$0	\$170,880
	Bayou Blue VFD--Station 3	\$534,000 x	32% =	\$170,880	\$801,000 x	33.0% =	\$264,330	\$274 x	30 +	\$274 x	230 =	\$1,953,620	\$2,388,830
	Bayou Cane Fire Protection District	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$274 x	0 +	\$274 x	0 =	\$0	\$170,880
	Bayou Cane VFD--Hollywood Road Station	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$2,648 x	0 +	\$2,648 x	0 =	\$0	\$170,880
	Bayou Cane VFD--Savanne Road Station	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$2,648 x	0 +	\$2,648 x	0 =	\$0	\$170,880
	Bayou Cane VFD--W. Park Avenue Station	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$2,648 x	0 +	\$2,648 x	0 =	\$0	\$170,880
	Bayou Dularge VFD--Station 1	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$274 x	30 +	\$274 x	230 =	\$1,953,620	\$2,388,830
	Bayou Dularge VFD--Station 2	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$274 x	12 +	\$274 x	46 =	\$163,852	\$334,732
	Bayou Dularge VFD--Station 4	\$534,000 x	32% =	\$170,880	\$801,000 x	21.0% =	\$168,210	\$274 x	23 +	\$274 x	134 =	\$881,184	\$1,220,274
	Bourg VFD	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$493 x	0 +	\$493 x	0 =	\$0	\$170,880
	Coteau Volunteer Fire Department	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$986 x	0 +	\$986 x	0 =	\$0	\$170,880
	Donner-Chachoula--Central Station	\$534,000 x	32% =	\$170,880	\$801,000 x	21.0% =	\$168,210	\$274 x	23 +	\$274 x	134 =	\$881,184	\$1,220,274
	Dularge Volunteer Fire Department #10	\$534,000 x	32% =	\$170,880	\$801,000 x	13.5% =	\$108,135	\$274 x	15 +	\$274 x	70 =	\$306,880	\$585,895
Gibson East VFD--Central Station	\$534,000 x	32% =	\$170,880	\$801,000 x	33.0% =	\$264,330	\$274 x	30 +	\$274 x	230 =	\$1,953,620	\$2,388,830	
Gibson/Gibson East/Donner-Chaculula	\$534,000 x	32% =	\$170,880	\$801,000 x	33.0% =	\$264,330	\$274 x	30 +	\$274 x	230 =	\$1,953,620	\$2,388,830	
Grand Caillou Fire Department Fire # 4	\$534,000 x	32% =	\$170,880	\$801,000 x	21.0% =	\$168,210	\$274 x	23 +	\$274 x	134 =	\$881,184	\$1,220,274	
Grand Caillou Fire Department Fire #4A	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$274 x	15 +	\$274 x	70 =	\$306,880	\$477,760	
Grand Caillou VFD--Bobtown Station	\$534,000 x	32% =	\$170,880	\$801,000 x	21.0% =	\$168,210	\$274 x	23 +	\$274 x	134 =	\$881,184	\$1,220,274	

Category	Structure Loss				Contents Loss				Structure Use and Function Loss				Structure Loss+Content Loss+Function Loss (\$)
	Name/Description of Structure	Structure Replacement Value (\$)	Percent Damage (%)	Loss to Structure (\$)	Replacement of Contents Value (\$)	Percent Damage (%)	Loss to Contents (\$)	Average Daily Operating Budget (\$)	Functional Downtime	Displacement Cost Per Day	Displacement Time	Structure Use & Function Cost	
	Grand Caillou VFD--												
	Bobtown Sub Station	\$534,000 x	32% =	\$170,880	\$801,000 x	33.0% =	\$264,330	\$274 x	30 +	\$274 x	230 =	\$1,953,620	\$2,388,830
	Grand Caillou VFD--Dulac Fire Station	\$534,000 x	32% =	\$170,880	\$801,000 x	33.0% =	\$264,330	\$274 x	30 +	\$274 x	230 =	\$1,953,620	\$2,388,830
	Grand Caillou VFD--Dulac Sub Station	\$534,000 x	32% =	\$170,880	\$801,000 x	33.0% =	\$264,330	\$274 x	30 +	\$274 x	230 =	\$1,953,620	\$2,388,830
	Houma FD-- Airbase Station 4	\$534,000	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$274 x	15 +	\$274 x	70 =	\$306,880	\$477,760
	Houma FD-- Airbase Station 5	\$504,005 x	32% =	\$161,282	\$756,008 x	0.0% =	\$0	\$274 x	0 +	\$274 x	0 =	\$0	\$161,282
	Houma FD-- East Park Station	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$274 x	15 +	\$274 x	70 =	\$306,880	\$477,760
	Houma FD--East Houma Station 3	\$333,174 x	32% =	\$106,616	\$499,761 x	40.5% =	\$202,403	\$274 x	30 +	\$274 x	365 =	\$3,100,310	\$3,409,329
	Houma FD--North Houma Station 1	\$236,794 x	32% =	\$75,774	\$355,191 x	0.0% =	\$0	\$274 x	0 +	\$274 x	0 =	\$0	\$75,774
	Houma FD--South Houma Station 1	\$422,366 x	32% =	\$135,157	\$633,549 x	0.0% =	\$0	\$274 x	12 +	\$274 x	46 =	\$163,852	\$299,009
	Houma Fire Department Little Caillou VFD--Lower Station 3	\$701,252 x	32% =	\$224,401	\$1,051,878 x	0.0% =	\$0	\$274 x	0 +	\$274 x	0 =	\$0	\$224,401
	Little Caillou VFD--Upper Station 1	\$534,000 x	32% =	\$170,880	\$801,000 x	33.0% =	\$264,330	\$274 x	30 +	\$274 x	230 =	\$1,953,620	\$2,388,830
Fire Stations, Cont.	Little Caillou Chauvin Fire #7	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$274 x	12 +	\$274 x	46 =	\$163,852	\$334,732
	Montegut District # 6	\$534,000 x	32% =	\$170,880	\$801,000 x	13.5% =	\$108,135	\$274 x	15 +	\$274 x	70 =	\$306,880	\$585,895
	Montegut--Station 1	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$1,027 x	12 +	\$1,027 x	46 =	\$614,146	\$785,026
	Montegut--Station 2	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$1,027 x	12 +	\$1,027 x	46 =	\$614,146	\$785,026
	Montegut--Station 3	\$534,000 x	32% =	\$170,880	\$801,000 x	33.0% =	\$264,330	\$1,027 x	30 +	\$1,027 x	230 =	\$7,322,510	\$7,757,720
	Montegut--Station 4	\$534,000 x	32% =	\$170,880	\$801,000 x	33.0% =	\$264,330	\$1,027 x	30 +	\$1,027 x	230 =	\$7,322,510	\$7,757,720
	Schriever VFD--Central Schriever Station	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$1,027 x	10 +	\$1,027 x	30 =	\$338,910	\$509,790
	Schriever VFD--Eisworth Station	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$274 x	0 +	\$274 x	0 =	\$0	\$170,880
	Schriever VFD--Gray Station	\$534,000 x	32% =	\$170,880	\$801,000 x	33.0% =	\$264,330	\$274 x	30 +	\$274 x	230 =	\$1,953,620	\$2,388,830
	Schriever Volunteer Fire Dept.	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$274 x	0 +	\$274 x	0 =	\$0	\$170,880
	Village East VFD--Central Station	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$274 x	12 +	\$274 x	46 =	\$163,852	\$334,732
	Village East Volunteer Fire Department	\$534,000 x	32% =	\$170,880	\$801,000 x	0.0% =	\$0	\$274 x	12 +	\$274 x	46 =	\$163,852	\$334,732
	Acadian Elementary	\$6,880,830 x	32% =	\$2,201,866	\$10,321,245 x	0.0% =	\$0	\$274 x	10 +	\$274 x	30 =	\$90,420	\$261,300
	Andrew Price	\$5,229,431 x	32% =	\$1,673,418	\$7,844,147 x	0.0% =	\$0	\$274 x	0 +	\$274 x	0 =	\$0	\$2,201,866
	Bayou Black Elementary	\$1,632,418 x	32% =	\$522,374	\$2,448,627 x	0.0% =	\$0	\$275 x	0 +	\$275 x	0 =	\$0	\$1,673,418
	Bayou Cane Adult Ed Center	\$5,229,431 x	32% =	\$1,673,418	\$7,844,147 x	0.0% =	\$0	\$279 x	0 +	\$279 x	0 =	\$0	\$1,673,418
	Bourg Elementary	\$3,369,234 x	32% =	\$1,078,155	\$5,053,851 x	0.0% =	\$0	\$281 x	12 +	\$281 x	46 =	\$168,038	\$1,246,193
	Broadmoor Elementary	\$4,802,345 x	32% =	\$1,536,700	\$7,203,518 x	13.5% =	\$972,475	\$282 x	15 +	\$282 x	70 =	\$315,840	\$2,825,065
Schools	Caldwell Middle	\$5,229,431 x	32% =	\$1,673,418	\$7,844,147 x	0.0% =	\$0	\$283 x	0 +	\$283 x	0 =	\$0	\$1,673,418
	Coteau-Bayou Blue Elementary	\$6,169,020 x	32% =	\$1,974,086	\$9,253,530 x	0.0% =	\$0	\$284 x	0 +	\$284 x	0 =	\$0	\$1,974,086
	Dularge Elementary	\$2,296,774 x	32% =	\$734,968	\$3,445,161 x	21.0% =	\$723,484	\$285 x	23 +	\$285 x	134 =	\$916,560	\$2,375,011
	Dularge Middle	\$3,986,136 x	32% =	\$1,275,564	\$5,979,204 x	13.5% =	\$807,193	\$286 x	15 +	\$286 x	70 =	\$320,320	\$2,403,076
	East Houma Elementary	\$3,986,136 x	32% =	\$1,275,564	\$5,979,204 x	0.0% =	\$0	\$287 x	10 +	\$287 x	30 =	\$94,710	\$1,370,274
	East Street	\$3,986,136 x	32% =	\$1,275,564	\$5,979,204 x	0.0% =	\$0	\$288 x	0 +	\$288 x	0 =	\$0	\$1,275,564

Category	Structure Loss				Contents Loss				Structure Use and Function Loss				Structure Loss+Content Loss+Function Loss (\$)
	Name/Description of Structure	Structure Replacement Value (\$)	Percent Damage (%)	Loss to Structure (\$)	Replacement of Contents Value (\$)	Percent Damage (%)	Loss to Contents (\$)	Average Daily Operating Budget (\$)	Functional Downtime	Displacement Cost Per Day	Displacement Time	Structure Use & Function Cost	
	Ellender Memorial High	\$10,952,383 x	32% =	\$3,504,763	\$16,428,575 x	0.0% =	\$0	\$289 x	0 +	0 =	\$0	\$3,504,763	
	Elysian Fields Middle	\$4,546,093 x	32% =	\$1,454,750	\$6,819,140 x	0.0% =	\$0	\$290 x	12 +	46 =	\$173,420	\$1,628,170	
	Evergreen Jr. High	\$9,528,763 x	32% =	\$3,049,204	\$14,293,145 x	0.0% =	\$0	\$291 x	0 +	0 =	\$0	\$3,049,204	
	Gibson Elementary	\$2,116,448 x	32% =	\$677,263	\$3,174,672 x	0.0% =	\$0	\$293 x	12 +	46 =	\$175,214	\$852,477	
	Grand Caillon Elementary	\$4,470,167 x	32% =	\$1,430,453	\$6,705,231 x	40.5% =	\$2,715,626	\$293 x	30 +	365 =	\$3,315,295	\$7,461,375	
	Grand Caillon Middle	\$5,865,314 x	32% =	\$1,876,900	\$8,797,971 x	21.0% =	\$1,847,574	\$293 x	23 +	134 =	\$942,288	\$4,666,762	
	H.L. Bourgeois High	\$10,781,549 x	32% =	\$3,450,096	\$16,172,324 x	0.0% =	\$0	\$293 x	0 +	0 =	\$0	\$3,450,096	
	Honduras Elementary	\$3,112,982 x	32% =	\$996,154	\$4,669,473 x	0.0% =	\$0	\$293 x	0 +	0 =	\$0	\$996,154	
	Houma Jr. High	\$9,661,634 x	32% =	\$3,091,723	\$14,492,451 x	0.0% =	\$0	\$293 x	0 +	0 =	\$0	\$3,091,723	
	Juvenile Justice Center	\$5,229,431 x	32% =	\$1,673,418	\$7,844,147 x	0.0% =	\$0	\$293 x	15 +	70 =	\$328,160	\$2,001,578	
	Lacache Middle	\$4,726,418 x	32% =	\$1,512,454	\$7,089,627 x	33.0% =	\$2,339,577	\$293 x	30 +	230 =	\$2,089,090	\$5,941,121	
	Legion Park Middle	\$2,173,393 x	32% =	\$695,486	\$3,260,090 x	0.0% =	\$0	\$293 x	10 +	30 =	\$96,690	\$792,176	
	Lisa Park Elementary	\$5,827,351 x	32% =	\$1,864,752	\$8,741,027 x	0.0% =	\$0	\$293 x	10 +	30 =	\$96,690	\$1,961,442	
	Maria Immacolata Elementary	\$1,860,197 x	32% =	\$595,263	\$2,790,296 x	0.0% =	\$0	\$293 x	0 +	0 =	\$0	\$595,263	
	Montegut Elementary	\$2,666,915 x	32% =	\$853,413	\$4,000,373 x	40.5% =	\$1,620,151	\$293 x	30 +	365 =	\$3,315,295	\$5,788,859	
	Montegut Middle	\$6,150,038 x	32% =	\$1,968,012	\$9,225,057 x	64.5% =	\$5,950,162	\$293 x	30 +	365 =	\$3,315,295	\$11,233,469	
	Mulberry Elementary	\$5,808,370 x	32% =	\$1,858,678	\$8,712,555 x	0.0% =	\$0	\$293 x	0 +	0 =	\$0	\$1,858,678	
	Oaklawn Jr. High	\$6,320,873 x	32% =	\$2,022,679	\$9,481,310 x	0.0% =	\$0	\$293 x	0 +	0 =	\$0	\$2,022,679	
	Oakshire Elementary	\$5,950,732 x	32% =	\$1,904,234	\$8,926,098 x	0.0% =	\$0	\$293 x	0 +	0 =	\$0	\$1,904,234	
	Omega Institute of Cosmetology	\$3,986,136 x	32% =	\$1,275,564	\$5,979,204 x	0.0% =	\$0	\$293 x	0 +	0 =	\$0	\$1,275,564	
Schools, Cont.	Point-aux-Chenes Elementary	\$1,471,074 x	32% =	\$470,744	\$2,206,611 x	33.0% =	\$728,182	\$293 x	30 +	230 =	\$2,089,090	\$3,288,015	
	School for Exceptional Children	\$5,229,431 x	32% =	\$1,673,418	\$7,844,147 x	0.0% =	\$0	\$293 x	15 +	70 =	\$328,160	\$2,001,578	
	Schriever Elementary	\$5,628,044 x	32% =	\$1,800,974	\$8,442,066 x	0.0% =	\$0	\$293 x	0 +	0 =	\$0	\$1,800,974	
	South Louisiana Beauty College	\$3,986,136 x	32% =	\$1,275,564	\$5,979,204 x	0.0% =	\$0	\$293 x	10 +	30 =	\$96,690	\$1,372,254	
	South Terrebonne High	\$11,180,162 x	32% =	\$3,577,652	\$16,770,243 x	0.0% =	\$0	\$293 x	0 +	0 =	\$0	\$3,577,652	
	Southdown Elementary	\$5,039,615 x	32% =	\$1,612,677	\$7,539,423 x	0.0% =	\$0	\$293 x	0 +	0 =	\$0	\$1,612,677	
	St. Bernadette	\$4,669,474 x	32% =	\$1,494,232	\$7,004,211 x	0.0% =	\$0	\$293 x	10 +	30 =	\$96,690	\$1,590,922	
	St. Francis De Sales	\$7,735,002 x	32% =	\$2,475,201	\$11,602,503 x	0.0% =	\$0	\$293 x	0 +	0 =	\$0	\$2,475,201	
	St. Gregory Barbarigo	\$2,306,264 x	32% =	\$738,004	\$3,459,396 x	13.5% =	\$467,018	\$293 x	15 +	70 =	\$328,160	\$1,533,183	
	St. Matthew's	\$1,565,982 x	32% =	\$501,114	\$2,348,973 x	0.0% =	\$0	\$293 x	0 +	0 =	\$0	\$501,114	
	TARC	\$3,986,316 x	32% =	\$1,275,621	\$5,979,474 x	0.0% =	\$0	\$293 x	0 +	0 =	\$0	\$1,275,621	
	Terrebonne Career and Technical High	\$5,229,431 x	32% =	\$1,673,418	\$7,844,147 x	0.0% =	\$0	\$293 x	15 +	70 =	\$328,160	\$2,001,578	
	Terrebonne High	\$9,946,358 x	32% =	\$3,182,835	\$14,919,537 x	0.0% =	\$0	\$293 x	0 +	0 =	\$0	\$3,182,835	
	Upper Little Caillon Elementary	\$4,707,437 x	32% =	\$1,506,380	\$7,061,156 x	0.0% =	\$0	\$327 x	10 +	30 =	\$107,910	\$1,614,290	
	Vandebilt Catholic High	\$9,025,751 x	32% =	\$2,888,240	\$13,538,627 x	0.0% =	\$0	\$328 x	0 +	0 =	\$0	\$2,888,240	
	Village East Elementary	\$2,799,786 x	32% =	\$895,932	\$4,199,679 x	0.0% =	\$0	\$329 x	12 +	46 =	\$196,742	\$1,092,674	
	West Park Elementary	\$3,986,316 x	32% =	\$1,275,621	\$5,979,474 x	0.0% =	\$0	\$330 x	0 +	0 =	\$0	\$1,275,621	

Category	Structure Loss				Contents Loss				Structure Use and Function Loss				Structure Loss+Content Loss+Function Loss (\$)
	Name/Description of Structure	Structure Replacement Value (\$)	Percent Damage (%)	Loss to Structure (\$)	Replacement of Contents Value (\$)	Percent Damage (%)	Loss to Contents (\$)	Average Daily Operating Budget (\$)	Functional Downtime	Displacement Cost Per Day	Displacement Time	Structure Use & Function Cost	
Home Health	Anoited Angels Homecare	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$996,800
	Acadian Ambulance Service	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$984,340
	Bayou Home Care	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$996,800
	Bonne Terre Village	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$996,800
	Cardiovascular Institute of the South	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	7.5% =	\$350,438	\$274 x	15+	\$274 x	70 =	\$306,880	\$1,654,118
	Chabert Medical Center	\$23,496,037 x	32% =	\$7,518,732	\$35,244,056 x	7.5% =	\$2,643,304	\$274 x	15+	\$274 x	70 =	\$306,880	\$10,468,916
	Chateau Terrebonne Health Care	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$996,800
	Gulf States LTAC of Houma	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	10+	\$274 x	30 =	\$90,420	\$1,087,220
	Heritage Manor of Houma	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$996,800
	Homestead Assisted Living	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	10+	\$274 x	30 =	\$90,420	\$1,087,220
	Hospice of South Louisiana	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$996,800
	Journey Hospice	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$996,800
	Lafourche ARC	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	33.0% =	\$1,541,925	\$274 x	30+	\$274 x	230 =	\$1,953,620	\$4,492,345
	Lafourche ARC - Main Office	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	15	\$274 x	70 =	\$306,880	\$1,303,680
	Louis Infant Crisis Center	\$445,000 x	32% =	\$142,400	\$445,000.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$142,400
	MacDonnell Methodist Children Services	\$445,000 x	32% =	\$142,400	\$445,000.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$142,400
	Mansion De'Ville Nursing Home	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	0	\$274 x	0 =	\$0	\$996,800
	Medical Team, Inc.	\$0	32% =	\$0	\$0	0.0% =	\$0	\$274 x	15	\$274 x	70 =	\$306,880	\$306,880
	Oaks of Houma	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	13.5% =	\$630,788	\$274 x	15+	\$274 x	70 =	\$306,880	\$1,934,468
	Physicians Surgery Specialty Hospital	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	15	\$274 x	70 =	\$306,880	\$1,303,680
	Suites at Sugar Mill Point	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$996,800
	Synergy Home Health Care River Region	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	15	\$274 x	70 =	\$306,880	\$1,303,680
	TARC	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$996,800
Terrebonne General Medical Center	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	15	\$274 x	70 =	\$306,880	\$1,303,680	
Terrebonne Home Care, Inc	\$31 x	32% =	\$10	\$10	0.0% =	\$0	\$274 x	15	\$274 x	70 =	\$306,880	\$306,890	
Terrebonne House	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$996,800	
Terrebonne Mental Health Center	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$996,800	
Terrebonne Parish Health Unit	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$996,800	
Total Pharmacy Services	\$3,115,000 x	32% =	\$996,800	\$4,672,500.0 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$996,800	
Houma Terrebonne Housing Authority (Bayou Towers)	\$1,040,000 x	32% =	\$332,800	\$1,040,000 x	0.0% =	\$0	\$274 x	0+	\$274 x	0 =	\$0	\$332,800	
911-Terrebonne Communications District	\$1,950,000 x	32% =	\$624,000	\$2,925,000 x	0.0% =	\$0	\$82 x	0+	\$82 x	0 =	\$0	\$624,000	
Houma-Terrebonne Civic Center	\$1,950,000 x	32% =	\$624,000	\$2,925,000 x	0.0% =	\$0	\$82 x	15+	\$82 x	70 =	\$91,840	\$715,840	
Housing Authority City of Houma	\$1,950,000 x	32% =	\$624,000	\$2,925,000 x	0.0% =	\$0	\$82 x	15+	\$82 x	70 =	\$91,840	\$715,840	
Housing Authority City of Houma	\$1,950,000 x	32% =	\$624,000	\$2,925,000 x	0.0% =	\$0	\$82 x	15+	\$82 x	70 =	\$91,840	\$715,840	
Public Works Yard	\$1,040,000 x	32% =	\$332,800	\$1,040,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$332,800	
Pump Stations (Various Locations)	\$52,000 x	32% =	\$16,640	\$52,000 x	0.0% =	\$0	\$41 x	0+	\$41 x	0 =	\$0	\$16,640	
North Sewage Treatment Plant	\$59,274,000 x	32% =	\$18,967,680	\$59,274,000 x	21.0% =	\$12,447,540	\$55 x	23+	\$55 x	134 =	\$176,880	\$31,592,100	

Category	Structure Loss				Contents Loss				Structure Use and Function Loss				Structure Loss+Content Loss+Function Loss (\$)
	Name/Description of Structure	Structure Replacement Value (\$)	Percent Damage (%)	Loss to Structure (\$)	Replacement of Contents Value (\$)	Percent Damage (%)	Loss to Contents (\$)	Average Daily Operating Budget (\$)	Functional Downtime	Displacement Cost Per Day	Displacement Time	Structure Use & Function Cost	
	Dulac Tank	\$690,000 x	32% =	\$220,800	\$690,000 x	13.5% =	\$93,150	\$55 x	15+	\$55 x	70 =	\$61,600	\$375,550
	Dumas Tank	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	12+	\$55 x	46 =	\$32,890	\$253,690
	Elliot Jones	\$690,000 x	32% =	\$220,800	\$690,000 x	33.0% =	\$227,700	\$55 x	30+	\$55 x	230 =	\$392,150	\$840,650
	Gibson Tank	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	12+	\$55 x	46 =	\$32,890	\$253,690
	Grand Caillout Tank	\$690,000 x	32% =	\$220,800	\$690,000 x	33.0% =	\$227,700	\$55 x	30+	\$55 x	230 =	\$392,150	\$840,650
	Hanson SG	\$690,000 x	32% =	\$220,800	\$690,000 x	33.0% =	\$227,700	\$55 x	30+	\$55 x	230 =	\$392,150	\$840,650
	Houma GS 1	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$220,800
	Houma GS 2	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	10+	\$55 x	30 =	\$18,150	\$238,950
	Houma GS3	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$220,800
	Houma Plant 3	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$220,800
	Houma Plant High Service	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$220,800
	Houma Water Plant	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$220,800
	Intracoastal RW Pump Station	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$220,800
	Klondyke Tank	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$220,800
	Lafort Canal RW PS	\$690,000 x	32% =	\$220,800	\$690,000 x	33.0% =	\$227,700	\$55 x	30+	\$55 x	230 =	\$392,150	\$840,650
	Legion Building	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	10+	\$55 x	30 =	\$18,150	\$238,950
	Lower Dulac Tank	\$690,000 x	32% =	\$220,800	\$690,000 x	33.0% =	\$227,700	\$55 x	30	\$55 x	230	\$392,150	\$840,650
	Main Office	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0	\$55 x	0	\$0	\$220,800
	Mimors SG	\$690,000 x	32% =	\$220,800	\$690,000 x	33.0% =	\$227,700	\$55 x	30	\$55 x	230	\$392,150	\$840,650
	Montegut Tank	\$690,000 x	32% =	\$220,800	\$690,000 x	40.5% =	\$279,450	\$55 x	30+	\$55 x	365 =	\$622,325	\$1,122,575
	Munson PS	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$220,800
Water, Cont.	North Terrebonne Standpipe	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$220,800
	Pointe-Aux-Chenes Pump Station	\$690,000 x	32% =	\$220,800	\$690,000 x	13.5% =	\$93,150	\$55 x	15+	\$55 x	70 =	\$61,600	\$375,550
	Pointe-Aux-Chenes Tank	\$690,000 x	32% =	\$220,800	\$690,000 x	33.0% =	\$227,700	\$55 x	30+	\$55 x	230 =	\$392,150	\$840,650
	Presque Isle PS	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$220,800
	Robinson Canal Pump Station	\$690,000 x	32% =	\$220,800	\$690,000 x	33.0% =	\$227,700	\$55 x	30+	\$55 x	230 =	\$392,150	\$840,650
	Robinson Canal Tank	\$690,000 x	32% =	\$220,800	\$690,000 x	33.0% =	\$227,700	\$55 x	30+	\$55 x	230 =	\$392,150	\$840,650
	Schriever GSI	\$690,000 x	32% =	\$220,800	\$690,000 x	33.0% =	\$227,700	\$55 x	30+	\$55 x	230 =	\$392,150	\$840,650
	Schriever GS2	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$220,800
	Schriever Plant	\$690,000 x	32% =	\$220,800	\$690,000 x	33.0% =	\$227,700	\$55 x	30+	\$55 x	230 =	\$392,150	\$840,650
	Schriever Tank	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$220,800
	Schriever Water Plant	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$220,800
	Shell PS	\$690,000 x	32% =	\$220,800	\$690,000 x	13.5% =	\$93,150	\$55 x	15+	\$55 x	70 =	\$61,600	\$375,550
	Sludge Press Building	\$690,000 x	32% =	\$220,800	\$690,000 x	33.0% =	\$227,700	\$55 x	30+	\$55 x	230 =	\$392,150	\$840,650
	South Terrebonne PS	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$220,800
	South Terrebonne Standpipe	\$690,000 x	32% =	\$220,800	\$690,000 x	0.0% =	\$0	\$55 x	0+	\$55 x	0 =	\$0	\$220,800
	Texasco Master Meter	\$690,000 x	32% =	\$220,800	\$690,000 x	40.5% =	\$279,450	\$55 x	30+	\$55 x	365 =	\$622,325	\$1,122,575
	Theriot Tank	\$690,000 x	32% =	\$220,800	\$690,000 x	21.0% =	\$144,900	\$55 x	23+	\$55 x	134 =	\$176,880	\$542,580
	Waterproof RW PS	\$690,000 x	32% =	\$220,800	\$690,000 x	33.0% =	\$227,700	\$55 x	30+	\$55 x	230 =	\$392,150	\$840,650
	West Gibson Tank	\$690,000 x	32% =	\$220,800	\$690,000 x	13.5% =	\$93,150	\$55 x	15+	\$55 x	70 =	\$61,600	\$375,550
	Williams Street PS	\$690,000 x	32% =	\$220,800	\$690,000 x	21.0% =	\$144,900	\$55 x	23+	\$55 x	134 =	\$176,880	\$542,580
	Total Structure Value	\$902,666,747	Total Estimated Losses	\$288,190,959	Total Contents Loss	\$1,147,655,440	Total Structure Use and Function Loss	\$77,231,290					\$1,513,077,689

Attachment c2-32
Worksheet #4—Estimated Losses (Composite Risk Area)

Category	Name/Description of Structure	Structure Loss				Contents Loss				Structure Use and Function Loss				Structure Loss-Content Loss-Function Loss (\$)
		Structure Replacement Value (\$)	# Floors	Imundation (ft)	Percent Damage (%)	Loss to Structure (\$)	Replacement of Contents Value (\$)	Percent Damage (%)	Loss to Contents (\$)	Average Daily Operating Budget (\$)	Functional Downtime	Displacement Cost Per Day	Displacement Time	
OEP	Office of Emergency Preparedness (OEP)	\$1,950,000 x	1	-2	0%	\$0	\$2,925,000 x	0.0%	\$0	\$137 x	10 +	30 =	\$45,210	\$45,210
	Houma Police Department	\$1,246,000 x	1	-2	0%	\$0	\$1,869,000 x	0.0%	\$0	\$274 x	10 +	30 =	\$90,420	\$90,420
	State Police	\$1,246,000 x	1	-1	0%	\$0	\$1,869,000 x	0.0%	\$0	\$274 x	12 +	46 =	\$163,852	\$163,852
Police Stations	State Police Traffic Violation	\$1,246,000 x	1	-1	0%	\$0	\$1,869,000 x	0.0%	\$0	\$274 x	12 +	46 =	\$163,852	\$163,852
	Terbonne Parish Sheriff's Office	\$1,246,000 x	1	-5	0%	\$0	\$1,869,000 x	0.0%	\$0	\$342 x	0 +	0 =	\$0	\$0
Fire Stations	Bayou Black VFD--Station 2	\$534,000 x	1	-4	0%	\$0	\$801,000 x	0.0%	\$0	\$274 x	0 +	0 =	\$0	\$0
	Bayou Black Volunteer Fire Department #9	\$534,000 x	1	-2	0%	\$0	\$801,000 x	0.0%	\$0	\$274 x	10 +	30 =	\$90,420	\$90,420
	Bayou Blue Fire Department	\$534,000 x	1	-7	0%	\$0	\$801,000 x	0.0%	\$0	\$274 x	0 +	0 =	\$0	\$0
	Bayou Blue VFD--Station 2	\$534,000 x	1	-3	0%	\$0	\$801,000 x	0.0%	\$0	\$274 x	0 +	0 =	\$0	\$0
	Bayou Blue VFD--Station 3	\$534,000 x	1	2	22%	\$117,480	\$801,000 x	33.0%	\$264,330	\$274 x	30 +	230 =	\$1,953,620	\$2,335,430
	Bayou Cane Fire Protection District	\$534,000 x	1	-4	0%	\$0	\$801,000 x	0.0%	\$0	\$274 x	0 +	0 =	\$0	\$0
	Bayou Cane VFD--Hollywood Road Station	\$534,000 x	1	-6	0%	\$0	\$801,000 x	0.0%	\$0	\$2,648 x	0 +	0 =	\$0	\$0
	Bayou Cane VFD--Savanne Road Station	\$534,000 x	1	-6	0%	\$0	\$801,000 x	0.0%	\$0	\$2,648 x	0 +	0 =	\$0	\$0
	Bayou Cane VFD--W. Park Avenue Station	\$534,000 x	1	-3	0%	\$0	\$801,000 x	0.0%	\$0	\$2,648 x	0 +	0 =	\$0	\$0
	Bayou DuLarge VFD--Station 1	\$534,000 x	1	2	22%	\$117,480	\$801,000 x	33.0%	\$264,330	\$274 x	30 +	230 =	\$1,953,620	\$2,335,430
	Bayou DuLarge VFD--Station 2	\$534,000 x	1	1	14%	\$74,760	\$801,000 x	21.0%	\$168,210	\$274 x	23 +	134 =	\$881,184	\$1,124,154
	Bayou DuLarge VFD--Station 4	\$534,000 x	1	1	14%	\$74,760	\$801,000 x	21.0%	\$168,210	\$274 x	23 +	134 =	\$881,184	\$1,124,154
	Bourg VFD	\$534,000 x	1	-3	0%	\$0	\$801,000 x	0.0%	\$0	\$493 x	0 +	0 =	\$0	\$0
	Coteau Volunteer Fire Department	\$534,000 x	1	-3	0%	\$0	\$801,000 x	0.0%	\$0	\$986 x	0 +	0 =	\$0	\$0
	Donner-Chacahoula--Central Station	\$534,000 x	1	1	14%	\$74,760	\$801,000 x	21.0%	\$168,210	\$274 x	23 +	134 =	\$881,184	\$1,124,154
	DuLarge Volunteer Fire Department #10	\$534,000 x	1	0	9%	\$48,060	\$801,000 x	13.5%	\$168,135	\$274 x	15 +	70 =	\$306,880	\$463,075
Gibson East VFD--Central Station	\$534,000 x	1	2	22%	\$117,480	\$801,000 x	33.0%	\$264,330	\$274 x	30 +	230 =	\$1,953,620	\$2,335,430	
Gibson/Gibson East/Donner-Chacahoula	\$534,000 x	1	2	22%	\$117,480	\$801,000 x	33.0%	\$264,330	\$274 x	30 +	230 =	\$1,953,620	\$2,335,430	
Grand Caillou Fire Department Fire # 4	\$534,000 x	1	1	14%	\$74,760	\$801,000 x	21.0%	\$168,210	\$274 x	23 +	134 =	\$881,184	\$1,124,154	
Grand Caillou Fire Department Fire # 4A	\$534,000 x	1	1	14%	\$74,760	\$801,000 x	21.0%	\$168,210	\$274 x	23 +	134 =	\$881,184	\$1,124,154	
Grand Caillou VFD--Bobtown Station	\$534,000 x	1	1	14%	\$74,760	\$801,000 x	21.0%	\$168,210	\$274 x	23 +	134 =	\$881,184	\$1,124,154	

Category	Name/Description of Structure	Structure Loss			Contents Loss			Structure Use and Function Loss					Structure Loss+Content Loss+Function Loss (\$)			
		Structure Replacement Value (\$)	# Floors	Inundation (ft)	Percent Damage (%)	Loss to Structure (\$)	Replacement of Contents Value (\$)	Percent Damage (%)	Loss to Contents (\$)	Average Daily Operating Budget (\$)	Functional Downtime	Displacement Cost Per Day		Displacement Time	Structure Use & Function Cost	
	Grand Caillou VFD--															
	Bobrown Sub Station	\$534,000 x	1	2	22%	\$117,480	\$801,000 x	33.0%	\$264,330	\$274 x	30 x	\$274 x	230 =	\$1,953,620	\$2,335,430	
	Grand Caillou VFD--Dulac Fire Station	\$534,000 x	1	2	22%	\$117,480	\$801,000 x	33.0%	\$264,330	\$274 x	30 x	\$274 x	230 =	\$1,953,620	\$2,335,430	
	Grand Caillou VFD--Dulac Sub Station	\$534,000 x	1	2	22%	\$117,480	\$801,000 x	33.0%	\$264,330	\$274 x	30 x	\$274 x	230 =	\$1,953,620	\$2,335,430	
	Houma FD -- Airbase Station 4	\$534,000 x	1	1	14%	\$74,760	\$801,000 x	21.0%	\$168,210	\$274 x	23 x	\$274 x	134 =	\$881,184	\$1,124,154	
	Houma FD -- Airbase Station 5	\$504,005 x	1	-4	0%	\$0	\$756,008 x	0.0%	\$0	\$274 x	0 x	\$274 x	0 =	\$0	\$0	
	Houma FD -- East Paik Station	\$534,000 x	1	1	14%	\$74,760	\$801,000 x	21.0%	\$168,210	\$274 x	23 x	\$274 x	134 =	\$881,184	\$1,124,154	
	Houma FD--East Houma Station 3	\$333,174 x	1	1	14%	\$46,644	\$499,761 x	21.0%	\$104,950	\$274 x	23 x	\$274 x	134 =	\$881,184	\$1,032,778	
	Houma FD--North Houma	\$236,794 x	1	-3	0%	\$0	\$355,191 x	0.0%	\$0	\$274 x	0 x	\$274 x	0 =	\$0	\$0	
	Houma FD--South Houma Station 1	\$422,366 x	1	-1	0%	\$0	\$633,549 x	0.0%	\$0	\$274 x	12 x	\$274 x	46 =	\$163,852	\$163,852	
	Houma Fire Department	\$701,252 x	1	-4	0%	\$0	\$1,051,878 x	0.0%	\$0	\$274 x	0 x	\$274 x	0 =	\$0	\$0	
	Little Caillou VFD--Lower Station 3	\$534,000 x	1	2	22%	\$117,480	\$801,000 x	33.0%	\$264,330	\$274 x	30 x	\$274 x	230 =	\$1,953,620	\$2,335,430	
Fire Stations, Cont.	Little Caillou VFD--Upper Station 1	\$534,000 x	1	-1	0%	\$0	\$801,000 x	0.0%	\$0	\$274 x	12 x	\$274 x	46 =	\$163,852	\$163,852	
	Little Caillou/ Chauvin Fire #7	\$534,000 x	1	1	14%	\$74,760	\$801,000 x	21.0%	\$168,210	\$274 x	23 x	\$274 x	134 =	\$881,184	\$1,124,154	
	Montegut District # 6	\$534,000 x	1	-1	0%	\$0	\$801,000 x	0.0%	\$0	\$1,027 x	12 x	\$1,027 x	46 =	\$614,146	\$614,146	
	Montegut--Station 1	\$534,000 x	1	-1	0%	\$0	\$801,000 x	0.0%	\$0	\$1,027 x	12 x	\$1,027 x	46 =	\$614,146	\$614,146	
	Montegut--Station 2	\$534,000 x	1	2	22%	\$117,480	\$801,000 x	33.0%	\$264,330	\$1,027 x	30 x	\$1,027 x	230 =	\$7,322,510	\$7,704,320	
	Montegut--Station 3	\$534,000 x	1	2	22%	\$117,480	\$801,000 x	33.0%	\$264,330	\$1,027 x	30 x	\$1,027 x	230 =	\$7,322,510	\$7,704,320	
	Montegut--Station 4	\$534,000 x	1	-2	0%	\$0	\$801,000 x	0.0%	\$0	\$1,027 x	10 x	\$1,027 x	30 =	\$338,910	\$338,910	
	Schriever VFD--Central Schriever Station	\$534,000 x	1	-4	0%	\$0	\$801,000 x	0.0%	\$0	\$274 x	0 x	\$274 x	0 =	\$0	\$0	
	Schriever VFD--Elsworth Station	\$534,000 x	1	2	22%	\$117,480	\$801,000 x	33.0%	\$264,330	\$274 x	30 x	\$274 x	230 =	\$1,953,620	\$2,335,430	
	Schriever VFD--Gray Station	\$534,000 x	1	-7	0%	\$0	\$801,000 x	0.0%	\$0	\$274 x	0 x	\$274 x	0 =	\$0	\$0	
	Schriever Volunteer Fire Dept.	\$534,000 x	1	-1	0%	\$0	\$801,000 x	0.0%	\$0	\$274 x	12 x	\$274 x	46 =	\$163,852	\$163,852	
	Village East VFD--Central Station	\$534,000 x	1	-1	0%	\$0	\$801,000 x	0.0%	\$0	\$274 x	12 x	\$274 x	46 =	\$163,852	\$163,852	
	Village East Volunteer Fire Department	\$534,000 x	1	-2	0%	\$0	\$801,000 x	0.0%	\$0	\$274 x	10 x	\$274 x	30 =	\$90,420	\$90,420	
	Acadian Elementary	\$6,880,830 x	1	-7	0%	\$0	\$10,321,245 x	0.0%	\$0	\$274 x	0 x	\$274 x	0 =	\$0	\$0	
	Andrew Price	\$1,632,418 x	1	-10	0%	\$0	\$2,448,627 x	0.0%	\$0	\$275 x	0 x	\$275 x	0 =	\$0	\$0	
	Bayou Black Elementary	\$1,632,418 x	1	-4	0%	\$0	\$2,448,627 x	0.0%	\$0	\$277 x	0 x	\$277 x	0 =	\$0	\$0	
Schools	Bayou Cane Adult Ed Center	\$3,369,234 x	1	-7	0%	\$0	\$5,053,851 x	0.0%	\$0	\$279 x	0 x	\$279 x	0 =	\$0	\$0	
	Bourg Elementary	\$4,802,345 x	1	-1	0%	\$0	\$7,203,518 x	13.5%	\$972,475	\$281 x	12 x	\$281 x	46 =	\$168,038	\$168,038	
	Broadmoor Elementary	\$5,229,431 x	1	-9	0%	\$0	\$7,844,147 x	0.0%	\$0	\$282 x	15 x	\$282 x	70 =	\$315,840	\$1,720,526	
	Caldwell Middle	\$6,169,020 x	1	-5	0%	\$0	\$9,253,530 x	0.0%	\$0	\$283 x	0 x	\$283 x	0 =	\$0	\$0	
	Coteau-Bayou Blue Elementary	\$2,296,774 x	1	1	14%	\$321,548	\$3,445,161 x	21.0%	\$723,484	\$284 x	23 x	\$284 x	134 =	\$916,560	\$1,961,592	
	Dularge Elementary	\$3,986,136 x	1	1	14%	\$558,059	\$5,979,204 x	21.0%	\$1,255,633	\$285 x	23 x	\$285 x	134 =	\$919,776	\$2,733,468	
	Dularge Middle	\$3,986,136 x	1	-2	0%	\$0	\$5,979,204 x	0.0%	\$0	\$287 x	10 x	\$287 x	30 =	\$94,710	\$94,710	
	East Houma Elementary	\$3,986,136 x	1	-3	0%	\$0	\$5,979,204 x	0.0%	\$0	\$288 x	0 x	\$288 x	0 =	\$0	\$0	
	East Street	\$3,986,136 x	1	-3	0%	\$0	\$5,979,204 x	0.0%	\$0	\$288 x	0 x	\$288 x	0 =	\$0	\$0	

Category	Structure Replacement				Structure Loss				Contents Loss				Structure Use and Function Loss				Structure Loss+Content Loss+Function Loss (\$)	
	Name/Description of Structure	Structure Replacement Value (\$)	# Floors	Inundation (ft)	Percent Damage (%)	Loss to Structure (\$)	Replacement of Contents Value (\$)	Percent Damage (%)	Loss to Contents (\$)	Average Daily Operating Budget (\$)	Functional Downtime	Displacement Cost Per Day	Displacement Time	Structure Use & Function Cost	Structure Loss+Content Loss+Function Loss (\$)			
	Ellender Memorial High	\$10,952,383 x	1	1	14%	\$1,533,334	\$16,428,375 x	21.0%	\$3,450,001	\$289 x	23+	134	\$929,424	\$5,912,758				
	Elysian Fields Middle	\$4,546,093 x	1	-1	0%	\$0	\$6,819,140 x	0.0%	\$0	\$290 x	12+	46	\$173,420	\$173,420				
	Evergreen Jr. High	\$9,528,763 x	1	-9	0%	\$0	\$14,293,145 x	0.0%	\$0	\$291 x	0+	0	\$0	\$0				
	Gibson Elementary	\$2,116,448 x	1	-1	0%	\$0	\$3,174,672 x	0.0%	\$0	\$293 x	12+	46	\$175,214	\$175,214				
	Grand Caillou Elementary	\$4,470,167 x	1	3	27%	\$1,206,945	\$6,705,251 x	40.5%	\$2,715,626	\$294 x	30+	365	\$3,326,610	\$7,249,182				
	Grand Caillou Middle	\$5,865,314 x	1	1	14%	\$821,144	\$8,797,971 x	21.0%	\$1,847,574	\$295 x	23+	134	\$948,720	\$3,617,438				
	Greenwood Middle	\$1,983,557 x	1	-1	0%	\$0	\$2,975,336 x	0.0%	\$0	\$296 x	12+	46	\$177,008	\$177,008				
	H.L. Bourgeois High	\$10,781,549 x	1	-10	0%	\$0	\$16,172,324 x	0.0%	\$0	\$297 x	0+	0	\$0	\$0				
	Honduras Elementary	\$3,112,982 x	1	-4	0%	\$0	\$4,669,473 x	0.0%	\$0	\$299 x	0+	0	\$0	\$0				
	Houma Jr. High	\$9,661,634 x	1	-4	0%	\$0	\$14,492,451 x	0.0%	\$0	\$300 x	0+	0	\$0	\$0				
	Juvenile Justice Center	\$4,141,264 x	1	1	14%	\$579,777	\$6,211,896 x	21.0%	\$1,304,498	\$300 x	23	134	\$964,800	\$2,849,075				
	Lacache Middle	\$4,726,418 x	1	2	22%	\$1,039,812	\$7,089,627 x	33.0%	\$2,339,577	\$302 x	30+	230	\$2,153,260	\$5,532,649				
	Legion Park Middle	\$2,173,393 x	1	-2	0%	\$0	\$3,260,090 x	0.0%	\$0	\$303 x	10+	30	\$99,990	\$99,990				
	Lisa Park Elementary	\$5,827,351 x	1	-2	0%	\$0	\$8,741,027 x	0.0%	\$0	\$304 x	10+	30	\$100,320	\$100,320				
	Maria Immacolata Elementary	\$1,860,197 x	1	-3	0%	\$0	\$2,790,296 x	0.0%	\$0	\$306 x	0+	0	\$0	\$0				
	Montegut Elementary	\$2,666,915 x	1	3	27%	\$720,067	\$4,000,373 x	40.5%	\$1,620,151	\$307 x	30+	365	\$3,473,705	\$5,813,923				
	Montegut Middle	\$6,150,038 x	1	7	43%	\$2,644,516	\$9,225,057 x	64.5%	\$5,950,162	\$308 x	30+	365	\$3,485,020	\$12,079,898				
	Mulberry Elementary	\$5,808,370 x	1	-5	0%	\$0	\$8,712,555 x	0.0%	\$0	\$309 x	0+	0	\$0	\$0				
	Oaklawn Jr. High	\$6,320,873 x	1	-3	0%	\$0	\$9,481,310 x	0.0%	\$0	\$310 x	0+	0	\$0	\$0				
	Oakshire Elementary	\$5,950,732 x	1	-3	0%	\$0	\$8,926,098 x	0.0%	\$0	\$311 x	0+	0	\$0	\$0				
	Omega Institute of Cosmetology	\$3,986,136 x	1	-4	0%	\$0	\$5,979,204 x	0.0%	\$0	\$312 x	0+	0	\$0	\$0				
Schools, Cont.	Point-aux-Chenes Elementary	\$1,471,074 x	1	2	22%	\$323,656	\$2,206,611 x	33.0%	\$728,182	\$313 x	30+	230	\$2,231,690	\$3,283,508				
	School for Exceptional Children																	
	Schriever Elementary	\$5,628,044 x	1	-10	0%	\$0	\$8,442,066 x	0.0%	\$0	\$314 x	0+	0	\$0	\$0				
	South Louisiana Beauty College	\$3,986,136 x	1	-2	0%	\$0	\$5,979,204 x	0.0%	\$0	\$315 x	10+	30	\$103,950	\$103,950				
	South Terrebonne High	\$11,180,162 x	1	-3	0%	\$0	\$16,770,243 x	0.0%	\$0	\$317 x	0+	0	\$0	\$0				
	Southdown Elementary	\$5,039,615 x	1	-3	0%	\$0	\$7,559,423 x	0.0%	\$0	\$318 x	0+	0	\$0	\$0				
	St. Bernadette	\$4,669,474 x	1	-2	0%	\$0	\$7,004,211 x	0.0%	\$0	\$319 x	10+	30	\$105,270	\$105,270				
	St. Francis De Sales	\$7,735,002 x	1	-5	0%	\$0	\$11,602,303 x	0.0%	\$0	\$320 x	0+	0	\$0	\$0				
	St. Gregory Barbarigo	\$2,306,264 x	1	0	9%	\$207,564	\$3,459,396 x	13.5%	\$467,018	\$321 x	15+	70	\$359,520	\$1,034,102				
	St. Matthew's	\$1,565,982 x	1	-5	0%	\$0	\$2,348,973 x	0.0%	\$0	\$322 x	0+	0	\$0	\$0				
	TARC	\$3,986,316 x	1	-4	0%	\$0	\$5,979,474 x	0.0%	\$0	\$323 x	0+	0	\$0	\$0				
	Terrebonne Career and Technical High	\$2,000,000 x	1	1	14%	\$280,000	\$3,000,000	21.0%	\$630,000	\$323 x	23+	134	\$1,038,768	\$1,948,768				
	Terrebonne High	\$9,946,358 x	1	-5	0%	\$0	\$14,919,537 x	0.0%	\$0	\$324 x	0+	0	\$0	\$0				
	Terrebonne Parish School Board	\$3,000,000 x	1	-1	0%	\$0	\$4,500,000 x	0.0%	\$0	\$324 x	12+	46	\$193,752	\$193,752				
	Upper Little Caillou Elementary	\$4,707,437 x	1	1	14%	\$659,041	\$7,061,156 x	21.0%	\$1,482,843	\$327 x	23+	134	\$1,051,632	\$3,193,516				
	Vandebilt Catholic High	\$9,025,751 x	1	-6	0%	\$0	\$13,538,627 x	0.0%	\$0	\$328 x	0+	0	\$0	\$0				
	Village East Elementary	\$2,799,786 x	1	-1	0%	\$0	\$4,199,679 x	0.0%	\$0	\$329 x	12+	46	\$196,742	\$196,742				
	West Park Elementary	\$3,986,316 x	1	-6	0%	\$0	\$5,979,474 x	0.0%	\$0	\$330 x	0+	0	\$0	\$0				

Category	Structure Loss										Contents Loss					Structure Use and Function Loss					Structure Loss+Content Loss+Function Loss (\$)
	Name/Description of Structure	Structure Replacement Value (\$)	# Floors	Immunation (ft)	Percent Damage (%)	Loss to Structure (\$)	Replacement of Contents Value (\$)	Percent Damage (%)	Loss to Contents (\$)	Average Daily Operating Budget (\$)	Functional Downtime	Displacement Cost Per Day	Displacement Time	Structure Use & Function Cost							
	Anoited Care Services LLC	\$3,115,000 x	1	-3	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Acadian Ambulance Services	\$3,115,000 x	1	-5	0%	\$0	\$4,672,500 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Bayou Home Care	\$3,115,000 x	1	-6	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Bayou Terre Village	\$3,115,000 x	1	-5	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Cardiovascular Institute of the South	\$3,115,000 x	2	-4	0%	\$0	\$4,672,500 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Chabert Medical Center	\$23,496,037 x	2	0	5%	\$1,174,802	\$35,244,056 x	7.5%	\$2,643,304	\$274 x	15+	\$274 x	70=	\$306,880							
	Chateau Terrebonne Health Care	\$3,115,000 x	1	-5	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Gulf States LTAC of Houma	\$3,115,000 x	2	-2	0%	\$0	\$4,672,500 x	0.0%	\$0	\$274 x	10+	\$274 x	30=	\$90,420							
	Heritage Manor of Houma	\$3,115,000 x	1	-5	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Homestead Assisted Living	\$3,115,000 x	1	-2	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	10+	\$274 x	30=	\$90,420							
	Hospice of South Louisiana	\$3,115,000 x	1	-4	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Journey Hospice	\$3,115,000 x	1	-4	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Lafourche ARC	\$3,115,000 x	1	2	22%	\$685,300	\$4,672,500.0 x	33.0%	\$1,541,925	\$274 x	30+	\$274 x	230=	\$1,953,620							
	Lafourche ARC - Main Office	\$3,115,000 x	1	-5	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Louis Infant Crisis Center	\$445,000 x	1	-7	0%	\$0	\$445,000.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
Home Health	MacDonnell Methodist Children Services	\$445,000 x	2	-3	0%	\$0	\$445,000.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Maison De-Ville Nursing Home	\$3,115,000 x	1	-7	0%	\$0	\$4,672,500.0	0.0%	\$0	\$274	0	\$274	0	\$0							
	Medical Team, Inc.	\$3,115,000 x	1	-6	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Oaks of Houma	\$3,115,000 x	1	0	9%	\$280,350	\$4,672,500.0 x	13.5%	\$630,788	\$274 x	15+	\$274 x	70=	\$306,880							
	Physicians Surgery	\$3,115,000 x	1	-4	0%	\$0	\$4,672,500 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Specialty Hospital	\$3,115,000 x	1	-3	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Suites at Sugar Mill Point	\$3,115,000 x	1	-3	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Synergy Home Health Care River Region	\$3,115,000 x	1	-5	0%	\$0	\$0.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	TARC	\$3,115,000 x	1	-5	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Terrebonne General Medical Center	\$320,000,000 x	2	-5	0%	\$0	\$480,000,000 x	0.0%	\$0	\$411 x	0+	\$411 x	0=	\$0							
	Terrebonne Home Care, Inc	\$3,115,000 x	1	-2	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	10+	\$274 x	30=	\$90,420							
	Terrebonne House	\$3,115,000 x	1	-3	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Terrebonne Mental Health Center	\$3,115,000 x	1	-5	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Terrebonne Parish Health Unit	\$3,115,000 x	1	-5	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Total Pharmacy Services	\$3,115,000 x	1	-5	0%	\$0	\$4,672,500.0 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Houma Terrebonne Housing Authority (Bayou Towers)	\$1,040,000 x	2	-3	0%	\$0	\$1,040,000 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	911-Terrebonne Communications District	\$1,950,000 x	1	-5	0%	\$0	\$2,925,000 x	0.0%	\$0	\$82 x	0+	\$82 x	0=	\$0							
Parish Owned Buildings	Houma-Terrebonne Civic Center	\$3,520,000 x	1	-5	0%	\$0	\$3,520,000.0 x	0.0%	\$0	\$137 x	0+	\$137 x	0=	\$0							
	Housing Authority City of Houma	\$1,040,000 x	2	-3	0%	\$0	\$1,040,000 x	0.0%	\$0	\$274 x	0+	\$274 x	0=	\$0							
	Public Works Yard	\$1,040,000 x	1	-6	0%	\$0	\$1,040,000 x	0.0%	\$0	\$55 x	0+	\$55 x	0=	\$0							
	Pump Stations (Various Locations)	\$52,000 x	1	-6	0%	\$0	\$52,000 x	0.0%	\$0	\$41 x	0+	\$41 x	0=	\$0							
	North Sewage Treatment Plant	\$59,274,000 x	1	1	14%	\$8,298,360	\$59,274,000 x	21.0%	\$12,447,540	\$55 x	23+	\$55 x	134=	\$176,880							
	Eureka Heights S/D - Gray	\$59,274,000 x	1	0	9%	\$5,334,660	\$59,274,000 x	13.5%	\$8,001,990	\$55 x	15+	\$55 x	70=	\$61,600							
	Fairlane Sewerage Corp - Gray	\$59,274,000 x	1	0	9%	\$5,334,660	\$59,274,000 x	13.5%	\$8,001,990	\$55 x	15+	\$55 x	70=	\$61,600							
	Halliburton Energy Services	\$59,274,000 x	1	0	9%	\$5,334,660	\$59,274,000 x	13.5%	\$8,001,990	\$55 x	15+	\$55 x	70=	\$61,600							
Sewage	Terrebonne Parish CON GOV- CYP	\$59,274,000 x	1	0	9%	\$5,334,660	\$59,274,000 x	13.5%	\$8,001,990	\$55 x	15+	\$55 x	70=	\$61,600							
	Terrebonne Parish Pollution Control	\$59,274,000 x	1	0	9%	\$5,334,660	\$59,274,000 x	13.5%	\$8,001,990	\$55 x	15+	\$55 x	70=	\$61,600							

	IPCG Pollution Control South Treatment Plant	\$59,274,000 x	1	0	9% =	\$5,334,660	\$59,274,000 x	13.5% =	\$8,001,990	\$55 k	15 +		\$55 k	70 =	\$61,600	\$13,398,250
	Plant	\$59,274,000 x	1	2	22% =	\$13,040,280	\$59,274,000 x	33.0% =	\$19,560,420	\$55 k	30 +		\$55 k	230 =	\$392,150	\$32,992,850
	Andrew Price Regulator	\$690,000 x	1	-8	0% =	\$0	\$690,000 x	0.0% =	\$0	\$55 k	0 +		\$55 k	0 =	\$0	\$0
	Bac-t Lab	\$690,000 x	1	-3	0% =	\$0	\$690,000 x	0.0% =	\$0	\$55 k	0 +		\$55 k	0 =	\$0	\$0
	Bayou Black RW Pump Station	\$690,000 x	1	-7	0% =	\$0	\$690,000 x	0.0% =	\$0	\$55 k	0 +		\$55 k	0 =	\$0	\$0
	Bayou Black Tank	\$690,000 x	1	-3	0% =	\$0	\$690,000 x	0.0% =	\$0	\$55 k	0 +		\$55 k	0 =	\$0	\$0
	Bayou Dilarge Tank	\$690,000 x	1	2	22% =	\$151,800	\$690,000 x	33.0% =	\$227,700	\$55 k	30 +		\$55 k	230 =	\$392,150	\$771,650
	Benoit Pump Station	\$690,000 x	1	2	22% =	\$151,800	\$690,000 x	33.0% =	\$227,700	\$55 k	30 +		\$55 k	230 =	\$392,150	\$771,650
	Blimp Base Pump Station	\$690,000 x	1	1	14% =	\$96,600	\$690,000 x	21.0% =	\$144,900	\$55 k	23 +		\$55 k	134 =	\$176,880	\$418,380
	Boudreaux Canal Pump Station	\$690,000 x	1	2	22% =	\$151,800	\$690,000 x	33.0% =	\$227,700	\$55 k	30 +		\$55 k	230 =	\$392,150	\$771,650
	Chauvin Tank	\$690,000 x	1	3	27% =	\$186,300	\$690,000 x	40.5% =	\$279,450	\$55 k	30 +		\$55 k	365 =	\$622,325	\$1,088,075
	Cocodrie Tank	\$690,000 x	1	0	9% =	\$62,100	\$690,000 x	13.5% =	\$93,150	\$55 k	15 +		\$55 k	70 =	\$61,600	\$216,850
	Dulac Pump Station	\$690,000 x	1	0	9% =	\$62,100	\$690,000 x	13.5% =	\$93,150	\$55 k	15 +		\$55 k	70 =	\$61,600	\$216,850

Category	Structure Loss										Contents Loss					Structure Use and Function Loss					Structure Loss+Content Loss+Function Loss (\$)
	Name/Description of Structure	Structure Replacement Value (\$)	# Floors	Inundation (ft)	Percent Damage (%)	Loss to Structure (\$)	Replacement of Contents Value (\$)	Percent Damage (%)	Loss to Contents (\$)	Average Daily Operating Budget (\$)	Functional Downtime	Displacement Cost Per Day	Displacement Time	Structure Use & Function Cost							
	Dulac Tank	\$690,000 x	1	0	9%	\$62,100	\$690,000 x	13.5%	\$93,150	\$55 x	15 +	\$55 x	70 =	\$61,600	\$216,850						
	Dumas Tank	\$690,000 x	1	-1	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	12 +	\$55 x	46 =	\$32,890	\$32,890						
	Elliott Jones	\$690,000 x	1	2	22%	\$151,800	\$690,000 x	33.0%	\$227,700	\$55 x	30 +	\$55 x	230 =	\$392,150	\$771,650						
	Gibson Tank	\$690,000 x	1	-1	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	12 +	\$55 x	46 =	\$32,890	\$32,890						
	Grand Caillou Tank	\$690,000 x	1	2	22%	\$151,800	\$690,000 x	33.0%	\$227,700	\$55 x	30 +	\$55 x	230 =	\$392,150	\$771,650						
	Hanson SG	\$690,000 x	1	2	22%	\$151,800	\$690,000 x	33.0%	\$227,700	\$55 x	30 +	\$55 x	230 =	\$392,150	\$771,650						
	Houma GS 1	\$690,000 x	1	-5	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	Houma GS 2	\$690,000 x	1	-2	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	10 +	\$55 x	30 =	\$18,150	\$18,150						
	Houma GS 3	\$690,000 x	1	-5	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	Houma Plant 3	\$690,000 x	1	-8	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	Houma Plant High Service	\$690,000 x	1	-4	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	Houma Water Plant	\$690,000 x	1	-9	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	Intracoastal RW Pump Station	\$690,000 x	1	-7	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	Klondyke Tank	\$690,000 x	1	-4	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	LaFort Canal RW PS	\$690,000 x	1	2	22%	\$151,800	\$690,000 x	33.0%	\$227,700	\$55 x	30 +	\$55 x	230 =	\$392,150	\$771,650						
	Legron Building	\$690,000 x	1	-2	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	10 +	\$55 x	30 =	\$18,150	\$18,150						
	Lower Dulac Tank	\$690,000 x	1	2	22%	\$151,800	\$690,000 x	33.0%	\$227,700	\$55 x	30 +	\$55 x	230 =	\$392,150	\$771,650						
	Main Office	\$690,000 x	1	-4	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	Minors SG	\$690,000 x	1	2	22%	\$151,800	\$690,000 x	33.0%	\$227,700	\$55 x	30 +	\$55 x	230 =	\$392,150	\$771,650						
	Montreuil Tank	\$690,000 x	1	3	27%	\$186,300	\$690,000 x	40.5%	\$279,450	\$55 x	30 +	\$55 x	365 =	\$622,325	\$1,088,075						
	Munson PS	\$690,000 x	1	-5	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	North Terrebonne Standpipe	\$690,000 x	1	-4	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	Pointe-Aux-Chenes Pump Station	\$690,000 x	1	0	9%	\$62,100	\$690,000 x	13.5%	\$93,150	\$55 x	15 +	\$55 x	70 =	\$61,600	\$216,850						
	Pointe-Aux-Chenes Tank	\$690,000 x	1	2	22%	\$151,800	\$690,000 x	33.0%	\$227,700	\$55 x	30 +	\$55 x	230 =	\$392,150	\$771,650						
	Presque Isle PS	\$690,000 x	1	-6	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	Robinson Canal Pump Station	\$690,000 x	1	2	22%	\$151,800	\$690,000 x	33.0%	\$227,700	\$55 x	30 +	\$55 x	230 =	\$392,150	\$771,650						
	Robinson Canal Tank	\$690,000 x	1	2	22%	\$151,800	\$690,000 x	33.0%	\$227,700	\$55 x	30 +	\$55 x	230 =	\$392,150	\$771,650						
	Schriever GS1	\$690,000 x	1	2	22%	\$151,800	\$690,000 x	33.0%	\$227,700	\$55 x	30 +	\$55 x	230 =	\$392,150	\$771,650						
	Schriever GS2	\$690,000 x	1	-5	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	Schriever Plant	\$690,000 x	1	2	22%	\$151,800	\$690,000 x	33.0%	\$227,700	\$55 x	30 +	\$55 x	230 =	\$392,150	\$771,650						
	Schriever Tank	\$690,000 x	1	-9	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	Schriever Water Plant	\$690,000 x	1	-7	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	Shell PS	\$690,000 x	1	0	9%	\$62,100	\$690,000 x	13.5%	\$93,150	\$55 x	15 +	\$55 x	70 =	\$61,600	\$216,850						
	Sludge Press Building	\$690,000 x	1	2	22%	\$151,800	\$690,000 x	33.0%	\$227,700	\$55 x	30 +	\$55 x	230 =	\$392,150	\$771,650						
	South Terrebonne PS	\$690,000 x	1	-3	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	South Terrebonne Standpipe	\$690,000 x	1	-3	0%	\$0	\$690,000 x	0.0%	\$0	\$55 x	0 +	\$55 x	0 =	\$0	\$0						
	Texasco Master Meter	\$690,000 x	1	3	27%	\$186,300	\$690,000 x	40.5%	\$279,450	\$55 x	30 +	\$55 x	365 =	\$622,325	\$1,088,075						
	Theriot Tank	\$690,000 x	1	1	14%	\$96,600	\$690,000 x	21.0%	\$144,900	\$55 x	23 +	\$55 x	134 =	\$176,880	\$418,380						
	Waterproof RW PS	\$690,000 x	1	2	22%	\$151,800	\$690,000 x	33.0%	\$227,700	\$55 x	30 +	\$55 x	230 =	\$392,150	\$771,650						
	West Gibson Tank	\$690,000 x	1	0	9%	\$62,100	\$690,000 x	13.5%	\$93,150	\$55 x	15 +	\$55 x	70 =	\$61,600	\$216,850						
	Williams Street PS	\$690,000 x	1	1	14%	\$96,600	\$690,000 x	21.0%	\$144,900	\$55 x	23 +	\$55 x	134 =	\$176,880	\$418,380						
	Total Structure Value	\$1,206,354,382				\$72,221,031		\$1,670,682,087			Total Structure Use and Function Loss		\$80,053,508	\$1,822,956,626							

Water, Cont.

**Attachment c3-1
Terrebonne Parish List of Projects**

Source	No.	Project	Hard/Soft	Eligible	Explanation of Eligibility
Terrebonne Parish Comprehensive Master Plan (10/03)					
A	1	Expand Forced Drainage to Flood Prone Areas w/o System in Place (3-7)	Hard	No	New construction is not eligible for HMGP funding
	2	Feasibility and Practicality of New Shelters (3-8)	Hard	No	Construction of new Shelters is not eligible for HMGP funding
	3	Flood Proof Essential Community Facilities (Power Plants, Substations, Hospitals) (3-8)	Hard	Potentially	Flood Mitigation is eligible for HMGP funding
Coastal Wetlands Planning Protection & Restoration Act					
B	1	Whiskey Island Restoration	Hard	No	Coastal/Barrier Island Restoration not eligible for HMGP funding
	2	Whiskey Island Back Barrier Marsh Creation	Hard	No	Marsh Creation not eligible for HMGP funding
	3	West Lake Boudreaux Shoreline Protection and Marsh Creation	Hard	No	Marsh Creation not eligible for HMGP funding
	4	Timbalier Island Planting Demonstration Overview	Hard	No	Planting not eligible for HMGP funding
	5	Timbalier Island Dune and Marsh Creation	Hard	No	Marsh Creation not eligible for HMGP funding
	6	Thin Mat Floating Marsh Enhancement	Hard	No	Marsh Creation not eligible for HMGP funding
	7	Terrebonne Bay Shore Protection Demonstration	Hard	No	Shoreline Protection not eligible for HMGP funding
	8	Terrebonne Bay Marsh Creation-Nourishment	Hard	No	Marsh Creation not eligible for HMGP funding
	9	South Lake De Cade Freshwater Introduction	Hard	No	Freshwater Introduction not eligible for HMGP funding
	10	Ship Shoal: Whiskey West Flank Restoration	Hard	No	Coastal Restoration not eligible for HMGP funding
	11	Raccoon Island Shoreline Protection/Marsh Creation	Hard	No	Coastal Restoration/Protection not eligible for HMGP funding
	12	Raccoon Island Breakwater Demonstration	Hard	No	Coastal Protection not eligible for HMGP funding
	13	Point Au Fer Canal Plugs--Saltwater Intrusion	Hard	No	Reduction/Elimination of Saltwater Intrusion is not eligible for HMGP funding
	14	Penchant Bases Natural Resources Plan--Increment 1	Hard	No	Coastal Restoration/Protection not eligible for HMGP funding
	15	Nutria Harvest for Wetland Restoration Demonstration	Hard	No	Nutria Harvesting not eligible for HMGP funding
	16	North Lake Menchant Landbridge Restoration	Hard	No	Marsh Creation not eligible for HMGP funding
	17	North Lake Boudreaux Basin Freshwater Introduction and Hydrologic Management	Hard	No	Hydrologic Restoration not eligible for HMGP funds
	18	New Cut Dune and Marsh Creation	Hard	No	Marsh Creation not eligible for HMGP funding
	19	Mandalay Bank Protection Demonstration	Hard	No	Coastal Protection not eligible for HMGP funding
	20	Madison Bay Marsh Creation and Terracing	Hard	No	Marsh Creation not eligible for HMGP funding
	21	Lower Bayou LaCache Hydrologic Restoration	Hard	No	Hydrologic Restoration not eligible for HMGP funds
	22	Lake Chapeau Sediment Input and Hydrologic Restoration	Hard	No	Hydrologic Restoration not eligible for HMGP funds
	23	Isles Dernieres Restoration Trinity Island	Hard	No	Coastal Restoration not eligible for HMGP funds
	24	Isles Dernieres Restoration East Island	Hard	No	Coastal Restoration not eligible for HMGP funding
	25	GIWW Bank Restoration of Critical Areas in Terrebonne Parish	Hard	No	Bank Stabilization not eligible for HMGP funding
	26	Floating Marsh Creation	Hard	No	Marsh Creation not eligible for HMGP funding
	27	Falgout Canal Planting Demonstration	Hard	No	Planting not eligible for HMGP funding
	28	Coastwide Reference Monitoring Systems	Hard	No	Coastal Monitoring Systems not eligible for HMGP funding
	29	Coastwide Nutria Control Program	Hard	No	Nutria Control not eligible for HMGP funding
	30	Central Terrebonne Freshwater Enhancement	Hard	No	Freshwater Enhancement not eligible for HMGP funding
	31	Brady Canal Hydrologic Restoration	Hard	No	Hydrologic Restoration not eligible for HMGP funds
Coastal Impact Assistance Program					
C	1	Falgout Canal Freshwater Enhancement Phase I	Hard	No	Freshwater Enhancement not eligible for HMGP funding
	2	Beach and Back Barrier Marsh Restoration	Hard	No	Marsh Restoration not eligible for HMGP funding
	3	Closure of Breaches of GIWW	Hard	No	Bank Stabilization (for conservation) not eligible for HMGP funding
	4	North Lost Lake Marsh Creation/Enhancement	Hard	No	Marsh Creation/Enhancement not eligible for HMGP funding
	5	Shoreline Protection on Houma Navigational Canal	Hard	No	Shoreline Protection not eligible for HMGP funding
	6	Houma Navigational Canal Lock	Hard	No	New construction not eligible for HMGP funding
	7	Mississippi River Long Distance Sediment Pipeline	Hard	No	Sediment Diversion not eligible for HMGP funding
Coastal Protection and Restoration Authority					
D	1	Morganza to the Gulf	Hard	No	New construction not eligible for HMGP funding
	2	Gibson to Houma Hurricane Protection	Hard	No	New construction not eligible for HMGP funding
	3	Houma and Vicinity Hurricane Protection	Hard	No	New construction not eligible for HMGP funding
	4	Multipurpose Operation of the Houma Navigational Canal	Hard	No	New construction not eligible for HMGP funding
	5	Marsh Restoration Using Dredged Material in Terrebonne Basin	Hard	No	Marsh Creation not eligible for HMGP funding
	6	Chacahoula Basin Plan	Hard	No	Coastal Protection not eligible for HMGP funding

Source	No.	Project	Hard/Soft	Eligible	Explanation of Eligibility
Coastal Protection and Restoration Authority, Cont.					
D	7	Freshwater Introduction via Blue Hammock Bayou	Hard	No	Freshwater Introduction not eligible for HMGP funding
	8	Ridge Habitat Restoration in Terrebonne Basin	Hard	No	Habitat Restoration not Eligible for HMGP funding
	9	Barrier Shoreline Restoration: Terrebonne Basin	Hard	No	Shoreline Restoration not eligible for HMGP funding
ESF-14 (Terrebonne Parish Long Term Recovery Plan)					
E	1	Implement Capital Improvement Program to Enhance Inner Ring of Tidal Protection/Forced Drainage Levees	Hard	No	New construction not eligible for HMGP funding
	2	Identification of Donor and Placement Sites for Sediment Deposition	Soft	No	Soft Projects (Identification of sites) not eligible for HMGP funding
	3	Review of Louisiana Coastal Zone Management Program	Soft	No	Soft Projects (review of program) not eligible for HMGP funding
	4	Educate the Public in Disaster Awareness	Soft	No	Soft Projects (education) not eligible for HMGP funding
	5	Construct Transportation Improvements Designed to Increase the Economic Viability of Terrebonne Parish	Hard	No	Transportation improvements not eligible for HMGP funding
	6	Secure Congressional Authorization and Construct the Morganza to the Gulf Hurricane Protection System and Enhance and Protect Critical Waterways in the Parish.	Soft/Hard	No	New construction is not eligible for HMGP funding
	7	Expand and Improve Parish wide Sewerage Facilities	Hard	No	New construction for Economic Development is not eligible for HMGP funding
	8	Develop a Detailed Business Recruitment and Retention Plan	Soft	No	Soft Projects (plans) are not eligible for HMGP funding
	9	Reduce the Potential for Future Flood Losses through the Terrebonne Parish Flood Hazard Mitigation Program	Hard	Potentially	Removing, elevation, or flood proofing of repetitive loss structures is eligible for HMGP funding
	10	Increase Affordable Housing throughout the Parish	Hard	No	Increasing the Number of Housing is not eligible for HMGP funding
	11	North-South Hurricane Evacuation Route	Hard	No	Evacuation Route Construction is not eligible for HMGP funding
	12	Plan, Implement, and Construct Parish wide Sewerage	Hard	No	Sewerage planning, implementation and construction is not eligible for HMGP funding
	13	Construct Communications Infrastructure and Provide Primary Responders with Proper Equipment	Hard	Potentially	Early Warning Systems eligible for HMGP funding under 5% initiative
	14	Update Parish Emergency Operations Plan	Soft	No	Soft Projects (plans) are not eligible for HMGP funding
	15	Construct Emergency Operations Center	Hard	No	Construction of EOC's not eligible for HMGP funding
Terrebonne Parish Hazard Mitigation Plan (2004)					
F	1	Flood Proof Terrebonne Parish EOC, Terrebonne Parish General Medical Center, Chabert Medical Center, The TPCG Generating Station and the 2 Consolidated Waterworks Treatment Plants	Hard	Potentially	Floodproofing is eligible for HMGP funding
	2	Develop Master Drainage Plan	Soft	No	Soft Projects (plans) are not eligible for HMGP funding
	3	Generators--Central Fire Department Station, Montegut Middle School, Houma Police Department, Terrebonne Parish Civic Center, Terrebonne Parish Public Works building	5%	Potentially	Eligible under 5% initiative.
	4	Promote Purchase of Flood Insurance	Soft	No	Soft Projects (public awareness) are not eligible for HMGP funding
	5	Increase Public Awareness of Hazards and Hazard Areas	Soft	No	Soft Projects (public awareness) are not eligible for HMGP funding
	6	Sponsor a "Multi-Hazard Awareness" Week	Soft	No	Soft Projects (public awareness) are not eligible for HMGP funding
	7	Pursue elevation/acquisition/flood proofing projects and structural solutions to flooding.	Hard	Potentially	Elevation/Acquisition/Flood proofing Projects are all eligible for HMGP funding
	8	Investigate and implement localized interior drainage projects at Lower Bayouside Drive, Savanne Road, Ringo Cocke to Hudson Canal, LA 311 at Hollywood Road, Parish Road 15 at Mandalay, and Susie Canal at Ashland South, which are repetitive loss areas, and reduce its flood potential.	Hard	Potentially	Drainage Projects are eligible for HMGP funding, however, project descriptions must be available to scope
	9	Review the existing floodplain ordinance and evaluate ways to improve the Parish's "Community Rating System (CRS) rating to reduce the flood insurance premium. Choose from the variety of methods and projects available that can be implemented to improve the CRS rating.	Soft	No	Soft Projects (evaluation) are not eligible for HMGP funding
	10	Adopt additional residential and commercial building regulations, which include stricter building standards, Land Use Regulations throughout the Parish consistent with to those that exist within the Urban Services District of Houma and incorporate dry flood proofing techniques. When the International Building Codes become mandatory, they will supersede the existing codes.	Soft	No	Soft Projects (regulations) are not eligible for HMGP funding
	11	Develop additional subdivision guidelines that would help reduce	Soft	No	Soft Projects (guidelines) are not eligible for
Terrebonne Parish 1603 DR 2008 Letter of Intent					
G	1	Automatic Bar Screen Cleaners (Pump Stations -- D-58, D-03, D-69, D-22, D-28, D-07, D-21)	Hard	Potentially	Drainage Improvements are eligible for HMGP funds
	2	Elevation -- Residential	Hard	Potentially	Elevations are eligible for HMGP funding
	3	EOC Hardening	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	4	Forced Drainage 1-1B Channel Improvement (Maintenance and Dredging)	Hard	No	Maintenance is not eligible for HMGP funding
Terrebonne Parish Feasibility Study for Levee Enhancement Projects					
H	1	Industrial Blvd Gap -- 2.1 Miles to +8'	Hard	No	Levee improvements are not eligible for HMGP funding
	2	Ashland/Woodlawn -- 2.9 Miles to +8'	Hard	No	Levee improvements are not eligible for HMGP funding

Source	No.	Project	Hard/Soft	Eligible	Explanation of Eligibility	
Terrebonne Parish Feasibility Study for Levee Enhancement Projects, Cont.						
H	3	Susie Canal Improvements in Grand Caillou -- 5.3 Miles to +8'	Hard	No	Levee improvements are not eligible for HMGP funding	
	4	North of Orange Street Project in Grand Caillou -- 2.5 Miles to +8'	Hard	No	Levee improvements are not eligible for HMGP funding	
	5	Brady Road Levee in Dularge -- .25 miles to Falgout Canal to +8'	Hard	No	Levee improvements are not eligible for HMGP funding	
	6	Ashland North -- 1.5 Miles to +8'	Hard	No	Levee improvements are not eligible for HMGP funding	
	7	Lower Point Au Chene -- 3.9 Miles to +8'	Hard	No	Levee improvements are not eligible for HMGP funding	
	8	Intracoastal Canal Near Palm Street -- 2.3 Miles to +6.5'	Hard	No	Levee improvements are not eligible for HMGP funding	
	9	Barrier Plan (Big Bayou Black/Gibson) 1/3 of project -- 8.4 Miles to +6.5'	Hard	No	Levee improvements are not eligible for HMGP funding	
	10	Bayou Point Au Chene Sluice Gate to +10'	Hard	No	Levee improvements are not eligible for HMGP funding	
	11	Bayou Grand Caillou Water Control Structure to +10'	Hard	No	Levee improvements are not eligible for HMGP funding	
	12	Falgout Canal Water Control Structure to +10'	Hard	No	Levee improvements are not eligible for HMGP funding	
	13	Cane Break to Ashland Levee -- 3.4 Miles to +8'	Hard	No	Levee improvements are not eligible for HMGP funding	
	14	West Grand Caillou Levee -- 4.6 Miles to +8'	Hard	No	Levee improvements are not eligible for HMGP funding	
	15	East Theriot -- 9 Miles to +8'	Hard	No	Levee improvements are not eligible for HMGP funding	
	16	Upper Dularge East Levee -- 5.2 Miles to +8'	Hard	No	Levee improvements are not eligible for HMGP funding	
	17	Barrier Plan (Big Bayou Black/Gibson) 1/3 of project -- 8.4 Miles to +6.5'	Hard	No	Levee improvements are not eligible for HMGP funding	
	18	Susie Canal Improvements in Grand Caillou to +10'	Hard	No	Levee improvements are not eligible for HMGP funding	
	19	North of Orange Street to +10'	Hard	No	Levee improvements are not eligible for HMGP funding	
	20	Brady Road Levee in Dularge -- 1 mile to +10'	Hard	No	Levee improvements are not eligible for HMGP funding	
	21	Cane Break to Ashland Levee to +10'	Hard	No	Levee improvements are not eligible for HMGP funding	
	22	West Grand Caillou Levee to +10'	Hard	No	Levee improvements are not eligible for HMGP funding	
	23	East Theriot to +10'	Hard	No	Levee improvements are not eligible for HMGP funding	
	24	Upper Dularge East Levee to +10'	Hard	No	Levee improvements are not eligible for HMGP funding	
	25	Lower Point Au Chene -- .85 Miles to +10'	Hard	No	Levee improvements are not eligible for HMGP funding	
	26	Extension Orange Street Projects in Grand Caillou -- 2.0 Miles to +10'	Hard	No	Levee improvements are not eligible for HMGP funding	
	27	West Ward 7 -- 15.9 Miles to +10'	Hard	No	Levee improvements are not eligible for HMGP funding	
	28	Barrier Plan (Big Bayou Black/Gibson) 1/3 of project -- 8.4 Miles to +6.5'	Hard	No	Levee improvements are not eligible for HMGP funding	
	Projects 2010 Update					
	I	1	Blackstart Capacity -- Houma Power Plant	5%	Potentially	Blackstart Capacity retrofitting is potentially eligible for 5% initiative HMGP funding
2		Communications -- Conversion of SCADA system from Phone to Radio (Airbase Jr., Applied Hydraulics, Ashland North 1, Ashland North 2, Ashland South, Bobtown, Bourg Heights, Central Heights, Clinton St. Package Plant, Dulac, Edgewood, Frank, Grmoco, Green Acres 1, Green Acres 2, Indian Ridge, Jail, James, Lafayette Woods, Mary Hughes, Moffet/Saia, Orange/Marjorie, Patriot Point, Presque Isle 1, Presque Isle 2, Riley, Rounds, Sandcastle, Sarah, Smithridge 1, Smithridge 2, Thunderbird, Village East)	5%	Potentially	Communications Upgrade is potentially eligible for 5% initiative HMGP funding	
3		Communications -- Hazard Warning System (Gauges Strategically Placed, N-Star)	5%	Potentially	Hazard Warning Systems are eligible for HMGP 5% initiative Funding	
4		Communications (Fire, Law Enforcement, Parish, Other) Radios 580 Portables, 372 Mobiles	5%	No	Hand held communications are not eligible for 5% initiative funding	
5		Communications for Water Treatment -- 41 Mobiles	5%	No	Hand held communications are not eligible for 5% initiative funding	
6		Communications Tower (Theriot, LA)	Hard	No	New construction is not eligible for HMGP funding	
7		Connect Station to emergency generator -- Munson PS	Hard	Potentially	Connection of Generator is potentially eligible for HMGP funding	
8		Drainage Improvement -- (Chabert Medical Center Levee/Houma Industrial Park) Build Levee from Thompson Road to Industrial Pump Station	Hard	No	New construction is not eligible for HMGP funding	
9		Drainage Improvement -- Ann Carroll, Jean Street, Duet Street, and Grace Street (Upgrade Culvert size to drain water from middle of streets)	Hard	Potentially	Drainage Improvements are eligible for HMGP funding	
10		Drainage Improvement -- Ashland North D-60 Tideflex valves on discharge pipes	Hard	Potentially	Drainage Improvements are eligible for HMGP funding	
11		Drainage Improvement -- Bayou Grand Caillou (D-9 South the Landfill Road, Widen and Deepen Channel)	Hard	Potentially	Drainage Improvements are eligible for HMGP funding	
12		Drainage Improvement -- Bayou Grand Caillou (From Oaklawn School to D-9 Pump Station, Widen and Deepen Channel)	Hard	Potentially	Drainage Improvements are eligible for HMGP funding	
13		Drainage Improvement -- Bayou Lacache Pump Canal (Widen and Deepen Canal from Lacache Estate to Pump Station)	Hard	Potentially	Drainage Improvements are eligible for HMGP funding	

Source	No.	Project	Hard/Soft	Eligible	Explanation of Eligibility
<i>Projects 2010 Update Cont.</i>					
	14	Drainage Improvement -- Bayou Lacarpe (Widen Channel from Tunnel Blvd to pump station and upgrade bar screen cleaner)	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	15	Drainage Improvement -- Bellaire Drive (Increase Culvert Sizes and Slope Ditches)	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	16	Drainage Improvement -- Benoit Crossing (Remove Portable Pump and place permanent pump)	Hard	No	HMGP will not buy new equipment
	17	Drainage Improvement -- Bonanza Pump Station D-27 Tideflex valves on discharge pipes	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	18	Drainage Improvement -- Coteau 1-1B Bar Screen Cleaner	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	19	Drainage Improvement -- Crochetville Road Storm Water Diversion canal with flap gates	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	20	Drainage Improvement -- D-07 Smithridge Pump Station Bar Screen Cleaner	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	21	Drainage Improvement -- D-13 Industrial Blvd. Motorized screw gates	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	22	Drainage Improvement -- D-20 Schriever Pump Station Bar Screen Cleaner	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	23	Drainage Improvement -- D-3 Upper Montegut Bar Screen Cleaner	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	24	Drainage Improvement -- Evelyn Lateral Between (Subsurface drainage in lateral ditch from Frank street to Perky street)	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	25	Drainage Improvement -- Highway 24 in Gray	Hard	Potentially	DOTD would have jurisdiction for this drainage project
	26	Drainage Improvement -- Highway 315 in Dularge	Hard	Potentially	DOTD would have jurisdiction for this drainage project
	27	Drainage Improvement -- Industrial Pump D-13 Trash Screen and Bar Screen Cleaner	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	28	Drainage Improvement -- Island Road (Stabilize roadway shoulders and embankment)	Hard	Potentially	Stabilization implies maintenance issues
	29	Drainage Improvement -- Isle of Cuba Transfer (Off-site fuel storage -- gas and diesel)	Hard	No	New offsite storage -- HMGP will not buy equipment
	30	Drainage Improvement -- LA 56 in Chauvin	Hard	Potentially	DOTD would have jurisdiction for this drainage project
	31	Drainage Improvement -- Lower Montegut D-2 Tideflex Valves on discharge pipes	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	32	Drainage Improvement -- Martin Luther King Blvd (Increase Culvert Size in pump canal under highway in bonanza system)	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	33	Drainage Improvement -- Michael Street, Buquet Street, and Daigle Street (Increase Culvert size to drain streets during heavy rain fall)	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	34	Drainage Improvement -- Oak Forest Street (Increase in Culvert Sizes and Pump Station)	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	35	Drainage Improvement -- Old Spanish Trail 6-1B (Place area under Force Drainage to Stop Backwater Flooding)	Hard	No	New construction not eligible for HMGP funding
	36	Drainage Improvement -- Old Spanish Trail 6-1B (Put Screw Gates on Culvert Crossings)	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	37	Drainage Improvement -- Pump Station Telemetry	Hard	5%	Upgrade to Telemetry potentially eligible for 5% funding
	38	Drainage Improvement -- Royce Street (Increase culvert size to stop rainfall flooding)	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	39	Drainage Improvement -- Savanne Road to Summerfield (Create a force drainage area to stop backwater and storm events flooding)	Hard	No	New construction not eligible for HMGP funding
	40	Drainage Improvement -- South Ellendale Estates Lateral (Dig and possible widen lateral from subdivision to Hanson Canal)	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	41	Drainage Improvement -- Widen Jeannie Canal	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	42	Drainage Improvement -- Woodlawn Ranch Pump Canal (From D-12 to Cement Lined Ditch, Widen and Deepen Channel)	Hard	Potentially	Drainage Improvements are eligible for HMGP funding
	43	Drainage Study -- Airport Commission	Soft	No	Studies are not eligible for HMGP funding
	44	Drainage Project -- Port Commission			Does not have enough information
	45	Dry Floodproof RL Structure Next to Robinson Canal (Meeting #3)	Hard	Potentially	Floodproofing is eligible for HMGP funding
	46	Dry Floodproofing -- Infiltration Reduction of Underground Wastewater Collection System	Hard	Potentially	Floodproofing is eligible for HMGP funding
	47	Elevation -- Bayou Dularge Tank building and chlorination equipment	Hard	Potentially	Elevation is an eligible HMGP project
	48	Elevation -- Fire Station (raise 2', history of flooding, 75'x75' Slab) (1466 Hwy 665)	Hard	Potentially	Elevation is an eligible HMGP project
	49	Elevation -- Fire Station in Chauvin	Hard	Potentially	Elevation is an eligible HMGP project
	50	Elevation -- Generator for Riley Drive Lift Station	Hard	Potentially	Elevation is an eligible HMGP project
	51	Elevation -- Grand Caillou Tank building	Hard	Potentially	Elevation is an eligible HMGP project
	52	Elevation -- Industrial Blvd from Van Ave to Pump Station	Hard	Potentially	Elevation is an eligible HMGP project
	53	Elevation -- Leachate Removal System	Hard	Potentially	Elevation is an eligible HMGP project
	54	Elevation -- Lift Stations with Self Priming Pumps (Bourg Heights, Edgewood, Ashland North, Ashland North II, Ashland South, Woodlawn Ranch, Saia, Prospect, Carriage Cove, Green Acres I, Green Acres II, Lafayette Woods, Lorraine Park, Presque Isle, Presque Isle II, Chabert Medical Center, Service Center, Smithridge I, Smithridge II, South Terrebonne Estates, Riley Drive)	Hard	Potentially	Elevation is an eligible HMGP project
	55	Elevation -- Lift Stations with Submersible Pumps (Bobtown, Dulac, Orange Street, Airbase Jr., Patriot Point, Rounds Road, Applied Hydraulics, Gemoco, Indian Ridge, James Road, Sandcastle, Thunderbird Road)	Hard	Potentially	Elevation is an eligible HMGP project

Source	No.	Project	Hard/Soft	Eligible	Explanation of Eligibility
<i>Projects 2010 Update, Cont.</i>					
	56	Elevation -- Lower Dulac Tank building and chlorination equipment	Hard	Potentially	Elevation is an eligible HMGP project
	57	Elevation -- Montegut Station (100'x75')	Hard	Potentially	Elevation is an eligible HMGP project
	58	Elevation -- Orange Street Wastewater Plant Controls	Hard	Potentially	Elevation is an eligible HMGP project
	59	Elevation -- Pointe-Aux Chenes Pump Station building and electrical pump, regulating valve and meter	Hard	Potentially	Elevation is an eligible HMGP project
	60	Elevation -- Robinson Canal P.S. Building, electrical pump,	Hard	Potentially	Elevation is an eligible HMGP project
	61	Elevation -- Scale	Hard	Potentially	Elevation is an eligible HMGP project
	62	Elevation -- South Terrebonne Pump Station building and pump	Hard	Potentially	Elevation is an eligible HMGP project
	63	Elevation -- Terrebonne General Medical Center Main Plant Electrical Switch Gear, Boilers, and Chillers (\$2,750,000)	Hard	Potentially	Elevation is an eligible HMGP project
	64	Elevation -- Texaco Master Meter Building, regulating valve and meter	Hard	Potentially	Elevation is an eligible HMGP project
	65	Elevation -- West Gibson Tank building and chlorination equipment	Hard	Potentially	Elevation is an eligible HMGP project
	66	Elevation of Local Evacuation Route -- 1 Mile Section of LA 56 in Chauvin, LA (Ward 7 Evacuation Routes)	Hard	Potentially	Elevation is an eligible HMGP project
	67	Elevation of Local Evacuation Route -- 1.5 Mile Section of LA 315 near the Dularge Bridge (Evacuation Route for Bayou Dularge and Crozier, Floods in a strong south wind)	Hard	Potentially	Elevation is an eligible HMGP project
	68	Elevation of Pump Station Roads -- D-19, D-12, and D-5 Pumps	Hard	Potentially	Elevation of locally owned roads is eligible for HMGP funding
	69	Elevation to ABFE -- D-01 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	70	Elevation to ABFE -- D-02 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	71	Elevation to ABFE -- D-04 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	72	Elevation to ABFE -- D-06 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	73	Elevation to ABFE -- D-11 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	74	Elevation to ABFE -- D-15 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	75	Elevation to ABFE -- D-21 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	76	Elevation to ABFE -- D-36 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	77	Elevation to ABFE -- D-37 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	78	Elevation to ABFE -- D-40 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	79	Elevation to ABFE -- D-42 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	80	Elevation to ABFE -- D-43 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	81	Elevation to ABFE -- D-44 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	82	Elevation to ABFE -- D-46 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	83	Elevation to ABFE -- D-47 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	84	Elevation to ABFE -- D-48 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	85	Elevation to ABFE -- D-49 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	86	Elevation to ABFE -- D-50 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	87	Elevation to ABFE -- D-51 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	88	Elevation to ABFE -- D-53 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	89	Elevation to ABFE -- D-54 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	90	Elevation to ABFE -- D-56 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	91	Elevation to ABFE -- D-59 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	92	Elevation to ABFE -- D-60 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	93	Elevation to ABFE -- D-61 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	94	Elevation to ABFE -- D-62 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	95	Elevation to ABFE -- D-65 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	96	Elevation to ABFE -- D-69 Gear Drives, Motors, and Controls	Hard	Potentially	Elevation is an eligible HMGP project
	97	Emergency Preparedness -- Creation of alternative staging area	Soft	No	Emergency Preparedness not eligible for HMGP funding
	98	Emergency Preparedness -- Message Boards	5%	No	Emergency Preparedness not eligible for HMGP funding
	99	Emergency Preparedness -- Military Showers	Soft	No	Emergency Preparedness not eligible for HMGP funding
	100	Emergency Preparedness -- Nursing Home Evacuation Coordination/Plan	Soft	No	Emergency Preparedness not eligible for HMGP funding
	101	Emergency Preparedness -- Small Power Radio Station for Hazard Alert	5%	No	Emergency Preparedness not eligible for HMGP funding

Source	No.	Project	Hard/Soft	Eligible	Explanation of Eligibility
Projects 2010 Update Cont.					
	102	Floodproof -- Terrebonne Parish General Medical Center, The TPCG Generating Station, and the 2 Consolidated Waterworks Treatment Plants	Hard	Yes	Floodproofing is eligible for HMGP funding
	103	Flood Protection -- Sea wall at Public Works Yard Grand Caillou Road	Hard	No	New construction is not eligible for HMGP funding
	104	Flood Wall and Pump Installation for Terrebonne General	Hard	No	New construction is not eligible for HMGP funding
	105	Four P25 Motorola Communications Consoles to be located within the Terrebonne 911 Cat. 5 Hurricane resistant facility located at 110 Capital Blvd. to be used for Interoperable Communications between all 15 Terrebonne Fire Districts (13 Fire Departments), Law Enforcement Agencies, OEP, Utilities & Parish Departments (cost \$138,000)	5%	No	Communications Consoles are not eligible for 5% initiative HMGP funding
	108	Generator -- 100KW for W. Woodlawn Station	5%	Potentially	Generators are eligible for 5% initiative funding
	109	Generator -- 150KW for Valhi Lift Station	5%	Potentially	Generators are eligible for 5% initiative funding
	110	Generator -- 200KW for South Wastewater Treatment Plant	5%	Potentially	Generators are eligible for 5% initiative funding
	111	Generator -- City Hall (with switching capacity)	5%	Potentially	Generators are eligible for 5% initiative funding
	112	Generator -- Coteau Fire Station (Natural Gas, includes change over switch to ensure response to emergency calls)	5%	Potentially	Generators are eligible for 5% initiative funding
	113	Generator -- Gov't Towers	5%	Potentially	Generators are eligible for 5% initiative funding
	114	Generator -- Houma Fire Department, Central Station (50KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	115	Generator -- Houma Police Department Building (Cummins model GFGA 500 KW 120/208 Volt 3 phase, 60 hertz, 1800RPM NG set)	5%	Potentially	Generators are eligible for 5% initiative funding
	116	Generator -- Lift Stations Receiving Effluent from Hospitals, Chabert Medical Center (50 KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	117	Generator -- Lift Stations Receiving Effluent from Hospitals, Terrebonne General Medical Center (50 KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	118	Generator -- Major Lift Stations, Douglas (50 KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	119	Generator -- Major Lift Stations, Highland Drive (150 KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	120	Generator -- Major Lift Stations, Mire (75 KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	121	Generator -- Major Lift Stations, Westside (50 KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	122	Generator -- Major Lift Stations, Westview (100 KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	123	Generator -- Montegut, Pointe Aux Chenes Fire Stations (need 40-50 KW -- \$15,000)	5%	Potentially	Generators are eligible for 5% initiative funding
	124	Generator -- North Terrebonne Treatment Plant	5%	Potentially	Generators are eligible for 5% initiative funding
	125	Generator -- OEP 911 (60KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	126	Generator -- Pollution Control Portable Unit Trailer Mounted for 10 treatment plants (50 KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	127	Generator -- Pollution Control, S. Treatment Plant Effluent Lift Station (250 KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	128	Generator -- Pollution Control, S. Treatment Plant Perimeter Drainage Pump Station (100 KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	129	Generator -- Port Commission Forced Drainage (50 KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	130	Generator -- Public Works -- Portable Generator for Bridges (80 KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	131	Generator -- Public Works -- Portable Trailer Unit Mounted for 8 Treatment Plants (58KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	132	Generator -- Public Works Service Center Yard (400KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	134	Generator -- Public Works, Buquet Bridge (75 KW 120/240 Volt)	5%	Potentially	Generators are eligible for 5% initiative funding
	135	Generator -- Public Works, Klondyke Bridge (75 KW 120/240 Volt)	5%	Potentially	Generators are eligible for 5% initiative funding
	136	Generator -- Public Works, Service Center Yard (400 KW 208/480 Volt)	5%	Potentially	Generators are eligible for 5% initiative funding
	137	Generators -- Lift Stations Receiving Effluent from Hospitals, Valhi II (125 KW)	5%	Potentially	Generators are eligible for 5% initiative funding
	138	Infiltration Reduction of Underground Wastewater System (Testing needed for Locations)	Hard	No	Maintenance is not eligible for HMGP funding
	139	Modification to Village East Lift Station (Conversion from Dry Pit to Submersible Station)	Hard	No	HMGP will not buy new equipment
	140	New Water Storage Tank -- Terrebonne General Medical Center (1,000,000 Gallons, \$750,000)	Hard	No	New water storage tanks are not eligible for HMGP funds
	141	Relocation -- Deadwood	Hard	Potentially	Relocation of entire community's social impacts will not allow scoping
	142	Relocation -- Jean Charles	Hard	Potentially	Relocation of entire community's social impacts will not allow scoping

Source	No.	Project	Hard/Soft	Eligible	Explanation of Eligibility
Projects 2010 Update Cont.					
	143	RL and Severe RL Properties -- Elevation, Acquisition, Mitigation Reconstruction (Parish)	Hard	Potentially	Elevation/Acquisition/Mitigation Reconstruction Projects are all eligible for HMGP funding
	144	Safe room -- Coteau Fire Station	Hard	Potentially	Safe Rooms are eligible for HMGP funding
	145	Safe Room -- Gov't Towers Parking Structure (Pet Shelter)	Hard	Potentially	Safe Rooms are eligible for HMGP funding
	146	Safe Room -- Houma Water Treatment Plant	Hard	Potentially	Safe Rooms are eligible for HMGP funding
	147	Wind Retrofit -- Bao-T Lab at Schriever Water Treatment Facility (install shutters or impact resistant glass on windows, strengthen doors)	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	148	Wind Retrofit -- Bob Jones Building (Cat 4 or 5)	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	149	Wind Retrofit -- Bourg Fire Station, 2 Bay Doors (22'x10', 14'x10') and 3 Windows (38"x38")	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	150	Wind Retrofit -- Buquet Bridge and Klondyke Bridge Tender's Buildings (Cat 3)	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	151	Wind Retrofit -- City Hall (IT Department)	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	152	Wind Retrofit -- Civic Center (Shutters or Window Film)	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	153	Wind Retrofit -- Coteau Fire Station (include main structure, apparatus room, generator room doors)	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	154	Wind Retrofit -- Courthouse Annex (Window Film)	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	155	Wind Retrofit -- Director's Building (Cat 3)	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	156	Wind Retrofit -- Drainage Building (Cat 3)	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	157	Wind Retrofit -- Evergreen Junior High	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	158	Wind Retrofit -- Fire Stations (central, #2, #3, #4) Shutters	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	159	Wind Retrofit -- Garage Doors (407 Island)	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	160	Wind Retrofit -- Government Tower (Window Film)	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	161	Wind Retrofit -- Gulf States LTAC	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	162	Wind Retrofit -- Harden Front and Back Doors of Convention Center	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	163	Wind Retrofit -- Headstart Center	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	164	Wind Retrofit -- Houma Junior High	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	165	Wind Retrofit -- Houma Municipal Auditorium	Hard	Potentially	Wind Hardening is eligible for HMGP funding
I	166	Wind Retrofit -- Houma PD	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	167	Wind Retrofit -- Juvenile Detention Center	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	168	Wind Retrofit -- Legion Park Middle	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	169	Wind Retrofit -- Mail Library	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	170	Wind Retrofit -- Main Office (Install shutters or impact resistant glass on windows, strengthen doors)	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	171	Wind Retrofit -- Montague, Pointe Aux Chenes Fire Stations (5 Windows at 1486 Hwy 685, 6 Windows at 407 Island Rd, 6 Windows at 1748 Hwy 55)	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	172	Wind Retrofit -- Morgue	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	173	Wind Retrofit -- New Roll-up Door at EOC -- 911	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	174	Wind Retrofit -- North Terrebonne Standpipe (strengthen door)	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	175	Wind Retrofit -- Roof of Convention Center	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	176	Wind Retrofit -- Schriever Elementary	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	177	Wind Retrofit -- Sludge Press Building (strengthen doors)	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	178	Wind Retrofit -- South Terrebonne High School	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	179	Wind Retrofit -- Southdown Elementary	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	180	Wind Retrofit -- Terrebonne High School	Hard	Potentially	Wind Hardening is eligible for HMGP funding
	182	Wind Retrofit and Elevation -- Houma Plant 3 (Install shutters or impact resistant glass on windows, strengthen doors, raise pumps and electrical panels)	Hard	Potentially	Wind Hardening and elevations are eligible for HMGP funding
	183	Wind Retrofit and Elevation -- Houma Plant High Service pumps and electrical panels, strengthen door	Hard	Potentially	Wind Hardening and elevations are eligible for HMGP funding
	184	Wind Retrofit and Elevation -- Lafort Canal RW PS (elevate pumps and generator, strengthen door)	Hard	Potentially	Wind Hardening and elevations are eligible for HMGP funding
	185	Wind Retrofit and Elevation -- Munson PS (Elevate Building, electrical pumps, regulating valves and meters, Install Shutters on windows, strengthen the doors)	Hard	Potentially	Wind Hardening and elevations are eligible for HMGP funding
	186	Wind Retrofit and Elevation -- Schriever Plant (install shutters or impact resistant glass on windows, strengthen doors, elevate pumps)	Hard	Potentially	Wind Hardening and elevations are eligible for HMGP funding
	187	Wind Retrofit and Elevation -- Shell PS (elevate pumps and electrical panels, strengthen door)	Hard	Potentially	Wind Hardening and elevations are eligible for HMGP funding
	188	Wind Retrofit and Elevation -- Williams Street Pump Station (elevate pumps and electrical panels, strengthen door)	Hard	Potentially	Wind Hardening and elevations are eligible for HMGP funding
New Projects, 2014 Update					
J	1	Safe House -- EOC	Hard	Potentially	Safe Rooms are eligible for HMGP funding
	2	Communications -- Community Alert System (First Call), Reverse 911, Community Hotline, Alert FM, Redundant Phone System at EOC	Hard	Potentially	Communications are eligible for 5% initiatives
	3	Emergency Preparedness -- Gauge installation at pump stations near major roadways and at bridges/floodgates	Hard	No	Installation of new equipment is not eligible for HMGP
	4	Communications -- Additional Communications Tower for office	Hard	No	Construction not eligible for HMGP
	5	Emergency Preparedness -- Purchase of Drone for Damage Assessment	Hard	No	Drone purchase not eligible for HMGP

Source	No.	Project	Hard/Soft	Eligible	Explanation of Eligibility
<i>New Projects, 2014 Update, Cont.</i>					
J	6	Emergency Preparedness -- Evacuation Sign Purchase and Placement	Hard	No	Purchase of Signs not eligible for HMGP
	7	100 Amp, 3-way SS Disconnects for generator ready connections (approx. 40 Lift station sites)	Hard	Potentially	
	8	Replacement of wooden lift station fence/gates with chain link to mitigate wind damage	Hard	Potentially	
	9	150 KW generators for Mire, Idlewild, and Elysian Lift Stations	Hard	5%	Generators are eligible for HMGP
	10	Scada telemetry, The automation of Forced drainage Pump Stations To reduce response time and flooding.	Hard	5%	
	11	Safe House -- (2101 East Houma Drive)	Hard	Potentially	Safe Rooms are eligible for HMGP funding
	12	Wind Retrofit -- Houma Water Treatment Facility	Hard	Potentially	
	13	Wind Retrofit -- Schriever Water Treatment Facility	Hard	Potentially	
	14	Wind Retrofit -- Waterworks Office Complex at 8814 Main Street, Houma, LA	Hard	Potentially	

Key

	Completed or Funded
	Not Mitigation Related
	Needs More Information
	Not Eligible for HMGP Funding
	Potentially Eligible for HMGP Funding
	Potentially Eligible and Repeated in New Projects