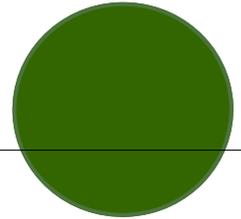




William D. Ankner, Ph.D.  
SECRETARY

# LOUISIANA FLOODPLAIN MANAGEMENT



# FACTSHEET

MARCH 2009

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The LOUISIANA FLOODPLAIN MANAGEMENT *FACTSHEET* is published through assistance provided by FEMA under the Community Assistance Program State Support Services Element of the National Flood Insurance Program (NFIP). The contents do not necessarily reflect the views and policies of the Federal Government.



## WELCOME

to the communities of

# CARENCRO & HARAHAN

as the latest participants  
in the Community Rating System

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## NEW INFORMATION

CONTACTS for the  
NEW ORLEANS CORPS of ENGINEERS  
for LOUISIANA COMMUNITIES  
to REQUEST ASSISTANCE

**COREY LAWTON**  
**MICHELLE RACHEL**  
**STEVE KEEN**

504 / 862-2556



**LOUISIANA FLOODPLAIN MANAGEMENT ASSOCIATION**

**2009 Annual Technical & Business Conference  
LOCATION, Covington  
April 22 - 24, 2009  
"Elevation Prevents Inundation"  
Schedule of Events**

**WEDNESDAY, APRIL 22<sup>ND</sup>**

7:30 - 12:30 **Wetlands in the Fairway/Open Space Technical Tour** -  
"Covington Country Club" - Covington, LA

8:00 - 12:00 **DFIRM 101 Class** - **Registration required (see registration form)**  
Daniel Lee - Michael Baker

8:30 - 3:00 **REGISTRATION**

**SESSION I**

1:00 - 1:30 **New LFMA Members Seminar**

2:00 - 2:15 **WELCOME, Mayor of Covington**  
Honorable Candace Watkins  
Bonnie Anderson - LFMA Chairman

2:15 - 2:45 **Louisiana House/DFIRM Open Houses - LSU**  
LSU Ag Center

2:45 - 3:15 **SFHA and Oil & Gas Industry**  
Joe E. "Butch" Ford - Bossier Parish

3:15 - 3:30 **BREAK**

3:30 - 4:30 **New FEMA Flood Maps**  
Dr. Roy K. Dokka - LSU

5:00 till **WINE & CHEESE RECEPTION**  
Networking at its best -  
Fun, Flood Trivia, Snacks

**THURSDAY, APRIL 23<sup>RD</sup>**

8:00 - 8:30 **Coffee and Danish**

8:30 - NOON **REGISTRATION**

**SESSION II**

8:30 - 9:00 **No Rise Certification in Floodways**  
Ted Debeane - Owen and White, Inc.

9:00 - 9:30 **FEMA New DFIRMs**  
Zach Toups - Michael Baker Jr., Inc.

9:30 - 10:00 **FEMA New DFIRMs**  
Gary Zimmerer - FEMA Region 6

10:00 - 10:20 **BREAK**

10:20 - 10:50 **Enhancing State Capabilities  
Through the CAP Program**  
Lisa Jennings - FEMA Region 6

10:50 - 11:40 **The Area Analysis as a Tool for Local Officials**  
Monica Farris/Sara Stack - UNO/CHART

NOON - 1:30 **AWARDS LUNCHEON - Keynote Speaker**  
Mr. Kevin Davis - St. Tammany Parish President

**SESSION III**

1:45 - 2:15 **Flood Insurance - NFIP Program**  
TBD - NFIP Region 6

2:15 - 2:45 **CRS Program 2009**  
Janine Ellington - ISO

2:45 - 3:15 **Elevating the Smart Way**  
Cathy M. Kaake - Southern Forest Products Assoc.

3:15 - 3:30 **BREAK**

3:30 - 4:00 **Floodplain Management in the I Code**  
Mark Roberts - International Code Council

4:00 - 4:30 **Post Disaster Mitigation in Terrebonne Parish**  
Mitch McDonald - Terrebonne Parish

LFMA Agenda cont.

5:30 till **Hospitality Cookout**  
@ Abita Brew Pub/Abita Springs Park

**FRIDAY, APRIL 24<sup>th</sup>**

**SESSION IV**

8:30 - 9:00 **Coffee and Danish**

9:00 - 9:30 **TBA**

David Hiegel - FEMA Region 6

9:30 - 10:00 **Louisiana's Hazard Mitigation Program**

Casey Levy - GOSHEP

10:00 - 10:30 **After the Disaster - What is the Floodplain Manager's Responsibility**

Wayne Berggren/Rodney Smith - LFMA

10:30 - 11:00 **NGS Benchmark Info 2009**

Denis Riordan - NOAA BR

11:00 - Till **General Business Meeting**

**Election of Regional Representatives**

**2009 Conference Wrap Up**

Bonnie Anderson - LFMA Chairman

1:00 - 4:00 **Certified Floodplain Manager (CFM) Exam - Pre-Registered applicants only**

Wayne Berggren, CFM - Proctor

**FOR QUESTIONS CONTACT:**

Wayne Berggren, CFM  
(504) 762-2296 or wayne.berggren@dhs.gov  
Rodney Smith, CFM  
(504) 762-2547 or [rodneyw.smith@dhs.gov](mailto:rodneyw.smith@dhs.gov)

**YOU MUST REGISTER TO TAKE THE CFM EXAM BY APRIL 17th, 2009**

CONTACT: ANITA L. LARSON with the ASFPM  
(608) 274-0123 OR [www.floods.org](http://www.floods.org)

**LFMA ♦ Official Registration Form ♦ 2009 Conference**

Please print or type

NAME: \_\_\_\_\_ ADDRESS: \_\_\_\_\_  
TITLE: \_\_\_\_\_ CITY/ST/ZIP: \_\_\_\_\_  
FIRM: \_\_\_\_\_ PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

REGISTRATION includes:  
Conference Packet, Wednesday Wine & Cheese Reception, Thursday Luncheon & Cookout

Registration [Please circle all that apply]

- MEMBERS \$ 90.00 (early as possible - **by April 10, 2009**)
- NON-MEMBERS \$ 120.00 (includes membership)
- ONE DAY \$ 40.00 (Thursday only)
- SPOUSE \$ 25.00
- LATE REGISTRATION \$ 100.00 Member
- " " \$ 130.00 Non-member
- TECH TOUR \$ 40.00
- DFIRM 101 CLASS \$ 30.00
- LFMA T-SHIRT \$ 15.00 (Choose Size: \_\_\_S - \_\_\_M - \_\_\_L - \_\_\_XL - \_\_\_XXL)

[EARLY Registration (**by April 10th**): T-SHIRT is Free]

**(Please note any special dietary requirements for Luncheon; i.e., diabetic, salt restricted)**

TOTAL \_\_\_\_\_

**Make check payable to: LA FLOODPLAIN MANAGEMENT ASSOCIATION**

Registration Fee and this form should be mailed to:  
LFMA Treasurer  
P.O. Box 64725  
Baton Rouge, LA 70896

**ROOM ACCOMMODATIONS SHOULD BE MADE DIRECTLY THROUGH THE  
HOLIDAY INN - COVINGTON @ (985) 893-3580 OR 1-888-465-4329  
REFERENCE "LFMA"**

# NO MORE PAPER **NO MORE PAPER**

**as of OCTOBER 1st, 2009**

PAPER copies of a community's  
FLOOD INSURANCE RATE MAPS [FIRMs]  
will NO LONGER BE AVAILABLE to order from the  
DHS/FEMA MAPPING SERVICE CENTER (MSC)

They will still be available online, in "FIRMette" format.

A FIRMette is a copy of the Flood Insurance Rate Maps that will fit on an 8 ½" x 11" sheet of paper. FIRMettes have the same legal status as the normal size maps and can be used for all aspects of the NFIP, including floodplain management, flood insurance, and enforcement of mandatory flood insurance purchase requirements.

*A single paper copy will be provided to communities when their maps are updated.*

[www.fema.gov/library/viewRecord.do?id=3474](http://www.fema.gov/library/viewRecord.do?id=3474)

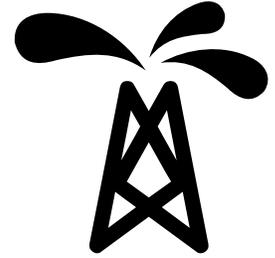
**The Governor of the State of Louisiana,  
Bobby Jindal,  
has issued a Proclamation dedicating  
April 2009 - *FLOOD AWARENESS MONTH* in the State of Louisiana**



***CROWLEY***  
is know as the  
***RICE CAPITOL***  
of AMERICA



**DECEMBER @ LADOTD in BATON ROUGE**



**Federal Emergency Management Agency (FEMA)**  
**National Flood Insurance Program**

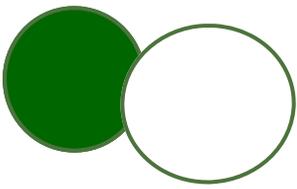
**Interim Technical Guidance on Drilling Oil and Gas Wells in**  
**Special Flood Hazard Areas (SFHA)**

A floodplain development permit from the community is required for drilling oil and gas wells in a Special Flood Hazard Area (SFHA). The application for a permit should include a detailed set of plans and specifications. The following guidance is on the National Flood Insurance Program (NFIP) minimum requirements. Some communities may have more restrictive requirements in their floodplain management ordinances.

If the site is in zones A or AE on the community's Flood Insurance Rate Map (FIRM), the community will review the application to determine if the development is compliant with their floodplain management ordinance. For areas designated as zone AE, the Flood Insurance Rate Map (FIRM) base flood elevations (BFE) are provided and usually a floodway is mapped. The floodway includes the channel of the river or stream and the adjacent areas of the floodplain, which must be left unobstructed to carry floodwaters. For areas designated as a zone A on the FIRM, only a floodplain boundary is provided and the community will use whatever flood information is available to determine an elevation to use as the BFE.

**Floodways:** If the drilling site is in the floodway portion of the floodplain, the developer (i.e. petroleum company) will have to demonstrate through an engineering study that there will be no increase in flood stages during the discharge of the 100-year flood caused by the development. Sometimes actions can be taken to compensate for an increase if one does occur.

**Buildings and other Structures:** Any buildings and other structures (including fuel storage tanks) in the floodplain will either have to be elevated to above the BFE or floodproofed



(made watertight) to that elevation. If the building is floodproofed, a registered engineer or architect will have to certify the design of the floodproofing measures. Any storage tanks and any equipment at the site that could be damaged by floodwaters will have to be elevated above the BFE or made watertight and anchored to resist flotation, collapse and lateral movement. One of the biggest problems after most floods has been the finding and retrieving of fuel storage tanks that have been dislodged and floated away during the flood. FEMA guidance on anchoring fuel storage tanks and protecting other mechanical and utility equipment can be found in FEMA 348 *Protecting Building Utilities from Flood Damage* which is available on the FEMA website at [www.fema.gov](http://www.fema.gov).

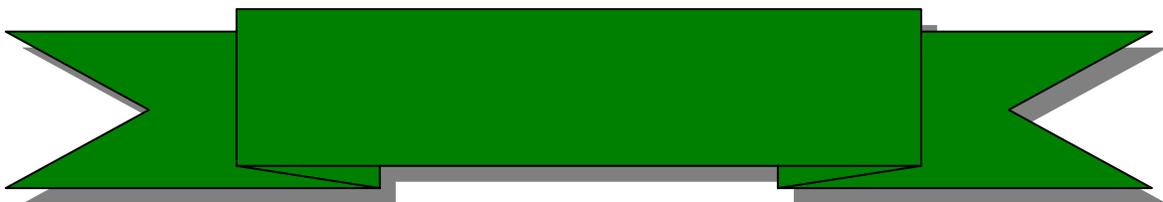
**Electrical and Mechanical Equipment:** Any electrical and mechanical equipment must be elevated or floodproofed to the BFE or movable from the site in case of an imminent flood event.

**Hazardous and Explosive Materials:** Any material stored on the site that is highly volatile, flammable, explosive, toxic or water reactive should be protected to at least the level of the 500-year flood. If the site will have a slush pit, the berm should be at least 1 foot above BFE, have 3 to 1 side slopes, and be compacted. To determine what may be hazardous and explosive compared to a propane tank, the local fire marshal's office may need to be contacted.

**Other Permits:** The community must also ensure that the developer has obtained any other required Federal, state and local permits prior to issuance of a floodplain development permit. This includes a permit from the state agency that regulates oil and gas activities and a Spill Prevention and Counter Measure Plan. The developer may need a Section 404 permit from the U.S. Corps of Engineers if the development impacts on a wetland.

**Emergency Plan:** If a drilling site is located in the floodplain, the developer should have an emergency action plan in place to move all vehicles and movable equipment out of the floodplain and install any floodproofing measures in case of an imminent flood event. The plan should take into account the amount of warning time available prior to flood.

Note: The FEMA Region VI Office has prepared this interim guidance.



We would like to wish

Ms. Sandra Batten

a

**Happy Retirement**

**2009 LOUISIANA TRANSPORTATION  
CONFERENCE**



Our office had an exhibit set up at the conference to familiarize individuals about floodplain management. We had a drawing to win a gift basket from the Louisiana Lottery.

Pam Miller, CFM, presented the gift basket to the winner, Mr. Larry Sharp with LaDOTD.





**Our goal is flood loss reduction . . .**

We are here to provide any guidance needed to assure that NFIP regulations are carried out and violations prevented.

If you or someone you know would like to receive future copies of this newsletter please contact our office:

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E-MAIL: [pammiller@dotd.la.gov](mailto:pammiller@dotd.la.gov)

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