



FLOODPLAIN MANAGEMENT *FACTSHEET*

KAM K. MOVASSAGHI
SECRETARY

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A Quarterly Report issued by the Louisiana Department of Transportation & Development
Floodplain Management Regulations Section

FEMA: MITIGATION DIVISION

The *Mitigation Division* manages the National Flood Insurance Program (NFIP) and oversees FEMA's mitigation programs. It has of a number of programs and activities of which provide citizens protection, with flood insurance; prevention, with mitigation measures and partnerships, with communities throughout the country.

Mitigation is the cornerstone of emergency management. It's the ongoing effort to lessen the impact disasters have on people's lives and property through damage prevention and flood insurance. Through measures such as, building safely within the floodplain or removing homes altogether. . . ; and creating and enforcing effective building codes to protect property from floods, hurricanes and other natural hazards, the impact on lives and communities is lessened.

FOR MORE INFORMATION REGARDING MITIGATION go to: www.fema.gov/fima/

WHO IS AT RISK FOR FLOODING?

Floods are the most common natural disaster in the U.S., & nearly everybody has some risk of flooding.

FEMA estimates that 10 million U.S. households are located *in* high flood risk areas.

HOWEVER:

between 20 - 25% of all flood insurance claims are paid to people living *outside* these high risk areas.

You can protect your home and its contents through the NFIP, administered by FEMA. Flood insurance is available to owners and occupants of insurable property in communities participating in the NFIP. Remember, homeowners insurance will not cover your flood losses.

Further information: 1-888-2255-35663. ext. 314

       **ANNEXATIONS**       

As communities participating in the National Flood Insurance Program, you are governed by the requirements of 44CFR Ch. 01. Annexations are covered under Section 59.22 (a9) “Prerequisites for the Sale of Flood Insurance”.

According to Section 59.22, a **community** should “notify the Federal Insurance Administrator, in writing, whenever the boundaries of the community have been modified by annexation or the community has otherwise assumed or no longer has authority to adopt and enforce floodplain management regulations for a particular area”. *This should be done at the time the change is completed.*

The information that should be forwarded to the Administrator includes:

1. Legal Description
2. Plat
3. List of street numbers
4. Signed, sealed copy of the annexation ordinance

This information should be mailed to:

FEMA Region VI
ATTN: Louisiana Annexations
800 North Loop 288
Denton, TX 76209-3698

When municipalities annex, they must use the Parish FIRM in order to make flood determinations. A copy of the Parish FIRM may be obtained by calling 1-800-358-9616. This office is also available to offer any assistance or answer any questions you may have regarding annexation of property.



**Louisiana Floodplain Management Association
And
Ouachita Parish Police Jury and City of Monroe**



are sponsoring a Workshop
FRIDAY, OCTOBER 10, 2003

PRACTICAL INFORMATION
on the
NATIONAL FLOOD INSURANCE PROGRAM

8:30 am	Coffee and Donuts	Demonstration on How to Read a FIRM
9:00 am	Welcome	<i>Jamie Mayo</i> , Mayor
9:05 am	Introduction	<i>Rod Emmer</i> , Executive Director LFMA
9:15 am	How to handle RV's and Accessory Buildings	<i>Melissa Becker</i> , Floodplain Manager, Rapides Area Planning Commission
9:35 am	Permit Procedures for Caddo Parish	<i>James Demouchet</i> , Caddo Parish Public Works
9:55 am	BREAK	
10:05 am	Mitigation Funds-Who Gets Them	<i>Pam Mattingly</i> , Assistant Planning Director Calcasieu Parish Police Jury
10:20 am	10 Things Every Permit Official Should Know	<i>Rodney Smith</i> , Ouachita Parish Police Jury
10:40 am	No Adverse Impact (NAI) (it affects everyone)	<i>Ted DeBaene</i> , Owen & White Engineering
11:00 am	Discussion & Questions	<i>Panel</i>
11:30 am	Adjourn	



 **Emergency Management Institute**
[located in Emmitsburg, Maryland]

EMI provides a nationwide training program
of resident courses and non-resident courses
to enhance U.S. emergency management practices.

Community Floodplain Administrators may be interested in the
“Managing Floodplain Development through the National Flood Insurance Program”
class that is offered at EMI.

FOR A SCHEDULE OF CLASSES & GENERAL INFORMATION LOG ON TO:
<http://training.fema.gov/EMIWeb/>



the 2004 ASFPM Conference

“LIGHTING the way to FLOODPLAIN MANAGEMENT”

will be held
on **May 16 – 21, 2004**
in **BILOXI, Mississippi**

and will be co-hosted by the
the State of Louisiana & the State of Mississippi

TO OBTAIN INFORMATION REGARDING THE ASFPM

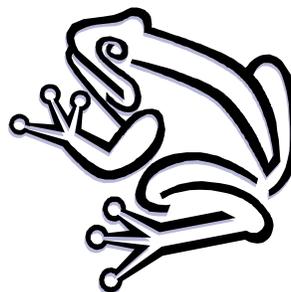
go to the website: www.floods.org



The #1 reason to join the ASFPM
is to provide input to national leaders
on important issues
in the field of floodplain management.

COMMUNITY SLOGAN:

RAYNE
is known as the
FROG CAPITAL



High-Tech Mapping to Warn Residents of Flooding

A new project sending automated phone warnings to St. Tammany residents if their homes are likely to flood will be introduced before the hurricane season is over. This new project uses detailed aerial photographs that can show lines on a parking lot linked with computer programs designed to translate lake and river water levels into those maps.

The idea was proposed by Parish President Kevin Davis after Tropical Storm Isidore and Hurricane Lili flooded many communities that had never flooded before. Detailed state maps created with lidar, radar-like equipment that bounces pulses of laser light rather than radio waves for computerized drainage models, are presently being used by the Parish. That work, begun about 18 months ago, should be completed by September; Davis said.

A company based at the Stennis Space Center in Mississippi called Nvision Solutions is opening a satellite office in Slidell and will be using those same maps for flood modeling. Mr. Craig Harvey, Chief Information Officer for Nvision said “the decision support system allows municipal leaders at any time to know exactly how much area is flooded, how many people are being affected, fire stations and other critical infrastructures in the area, and evacuation routes.”

It will be able to connect to the parish’s 911 system to collect phone numbers from every home and business in the affected area as well. Eventually they will be able to do rerouting. If an evacuation route is flooded, it can be automatically rerouted, Harvey said.

The new software is being installed this week at the new Emergency Operations Center and will track the rise of rivers and lakes with gauges that beam readings up to satellites to keep information current. The parish will be able to get data from four such gauges but would like to purchase up to 10 more, Davis said.

Larry Hess, the parish’s Fire Services Director and Acting Director of Emergency Preparedness said, “that the parish is waiting on cost estimates for the new gauges.”

According to Harvey, “it will be usable, but it will not be what we consider 100 percent,” with information available from the National Weather Service and other sources. Another new source of information that the parish is getting will be by putting weather stations in the yards of volunteers who will report readings from various lake- and river-front areas, said Davis. Those include Eden Isles, Lacombe’s Lake Road area, Bayou Liberty, Mandeville Harbor and the Treasure Isle subdivision of Slidell.

The rest of the year will be required in order to fine tune the system, tie it in with the new sensors and make the flood prediction maps available on the parish government Web site, Harvey said. “After we’re done with this one, we will be visiting all the parishes in the immediate area, particularly around the Lake Pontchartrain,” he said.

The first phase of development will cost St. Tammany Parish approximately \$75,000, with an equal sum paid by NASA under a program to find commercial uses for space technology. NASA has 12 “missions” that include protecting human life, creating decision support systems and creating computer models for earth sciences. This new program fit into four or five of those missions affiliated with NASA.

Most people living near a river for some time know what water levels are safe and what is likely to mean a flood. However, the problem is when the weatherman comes on TV and says, “The Bonfuca is going to crest at 4.7 feet, unless you were around the last time it was at 4.7 feet, you have no idea what that means. Other problems, Davis said are for instance, an 8-foot hurricane tide may be topped with 2-foot waves. “Then you are talking about 10 feet, instead of 8 feet,” he said. In addition the parish wants to have more precise river heights, for instance, a river may crest at 23 feet at a National Weather Service gauge but 25 feet further down river.

**Taken from The Advocate, Baton Rouge, LA;
Friday, August 15, 2003.
Written by Janet McConnaughey**

A GOOD SOURCE OF INFORMATION is the FEMA *LIBRARY*:

www.fema.gov/library/prepandprev.shtm#floods

Community Rating System [C R S]

**Recertifications are due to
Phil Anderson, CFM
Senior Field Rep/CRS Specialist
October 1st !!!!!!!!!!!**

If you need any assistance please call us at (225) 274-4354

COMMUNITY RATING SYSTEM RECERTIFICATION

It's That Time Again !!!

Each year, communities participating in the Community Rating System (CRS) must recertify they are continuing to implement the activities for which they earned credit. Recertification is done on the recertification worksheet, AW-214, which is prepared by ISO and sent to the communities each August.

As noted in their credit documentation sections, some activities have additional requirements that must be submitted with the annual recertification. These are noted on the AW-214 that is sent to the communities. The recertification may also include documentation requested by the ISO/CRS Specialist to verify continued implementation.

***This recertification is due to Phil Anderson, CFM
Senior Field Rep/CRS Specialist
1713 Lakeshore Drive
Owensville, MO 65066
by OCTOBER 1, 2003.***

***Recertifications were mailed or e-mailed in mid-August.
If you have not received your paperwork, please contact Phil Anderson at
(573) 437-3338 or panderson@iso.com***

CONGRATULATIONS to the City of MONROE

**October 1, 2003 Monroe becomes the 35th
Louisiana community participating in the CRS Program**

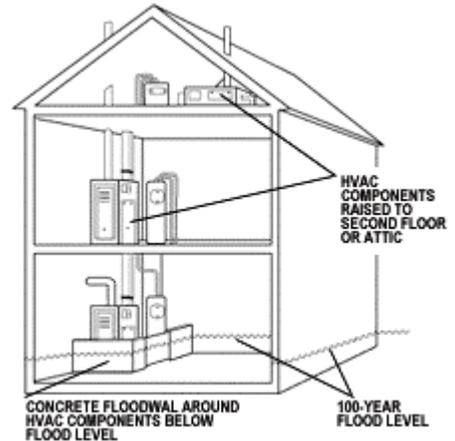
Protecting Your Property from Flooding

Heating, Ventilating, and Air Conditioning Equipment [HVAC]

Raise or Floodproof HVAC Equipment

Heating, ventilating, and cooling (HVAC) equipment, such as a furnace or hot water heater, can be damaged extensively if it is inundated by flood waters. The amount of damage will depend partly on the depth of flooding and the amount of time the equipment remains under water. Often, the damage is so great that the only solution is replacement.

In floodprone houses, a good way to protect HVAC equipment is to move it from the basement or lower level of the house to an upper floor or even to the attic. A less desirable method is to leave the equipment where it is and build a concrete or masonry block floodwall around it. Both of these methods require the skills of a professional contractor.



Relocation can involve plumbing and electrical changes, and floodwalls must be adequately designed and constructed so that they are strong enough and high enough to provide the necessary level of protection.

www.fema.gov/fima/how2006.shtm

Compare Risks

Your chances of *being flooded* are much greater than some other risks you face daily.

If you live in a 100-year floodplain (Zone A), there is more than a 1 in 4 chance that you will be flooded during your 30-year mortgage. During the life of that mortgage, you are 27 times *more likely to experience a flood than a fire*.

EVENT

% chance of happening in the next yr.

<i>25-year flood</i>	4 chances in 100
Involved in a car accident	3 chances in 100
Some form of cancer	3 chances in 100
Victim of larceny	2 chances in 100
<i>50-year flood</i>	2 chances in 100
Victim of burglary	1 chance in 100
Injured in a car accident	1 chance in 100
<i>100-year flood</i>	1 chance in 100
Victim of auto theft	1 chance in 300
Victim of robbery	1 chance in 1,000
Residential fire	4 chances in 10,000
Killed in a car accident	3 chances in 10,000

Source: U.S. Army Corps of Engineers, "Floods and Your Family"

**Contacts in the
Floodplain Management Section:
(225) 274-4354**

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FACTSHEET

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Pam Miller, Floodplain Insurance Analyst

Lorie Davis, Floodplain Insurance Analyst

If you know someone who would like to be added
to our mailing list for future copies of the

please fill out the following information and mail to:
LADOTD, Floodplain Mgmt., Section 64,
P.O. Box 94245, Baton Rouge, LA 70804-9245 or
Fax to: (225) 274-4351

The **LOUISIANA FLOODPLAIN MANAGEMENT
FACTSHEET** is published through assistance provided
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necessarily reflect the views and policies of the
Federal Government.

NAME _____
AGENCY _____
ADDRESS _____
CITY _____
STATE & ZIP _____

or send an e-mail to:
coneal@dotd.state.la.us

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