



# The B.F.E.\*

\* Base Flood Elevation

OKLAHOMA FLOODPLAIN MANAGERS ASSOCIATION NEWSLETTER

Volume 6

August-September 2004

Number 4

## OFMA Fall Conference Update – Western Hills State Lodge – Sept. 20-22, 2004

Just a few more days before Fall Conference time at Western Hills Lodge. If you have not registered for the conference or made room reservations you should do so immediately. All rooms and rates were reserved for OFMA until September 1, 2004. The agenda is also included in this issue. Do we have a line up for you!

**Education & Training:** Floodplain 101, RSDE, Mapping, Hazard & Emergency Plans, Master Drainage, CRS, Flood Ordinances, Preparing for a CAV, Elevation Certificate, FIRM Designations, NFIP, GIS, Floodproofing, Wetland Restoration, Water Quality, Land Acquisition, and Record Keeping are the premier training sessions for this conference.

**New Information:** Latest Development in Mapping, the NFIP, and Training under the new training bill will be presented.

**Food:** Included in the registration cost!

**Special Entertainment:** Edgar Cruz, a very accomplished guitarist will play for the banquet. You will not want to miss this one. You will not believe your ears. The Skeet Baker Band will play Monday Night. They are as good as it gets and play a variety of songs. There is a Hay Ride, Golf, Horseshoes, Nature Center, and wild deer and turkey.

**CEC's:** For CFM's, CEC's will be issued based on attendance of each session.



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Highlights will include the unveiling of the OFMA 2005 calendar, featuring the winners from the children's Spring 2004 OFMA Poster Contest "Turn Around Don't Drown". The contest was open to all 4th graders who submitted posters. First, second, and third place winners were chosen from each district with 4 districts responding. Out of the twelve winners from these four districts, an overall first, second and third place were chosen. The calendar features all twelve finalists.

OFMA received funding from OWRB through the FEMA administered Community Assistance Program for making these calendars. The calendars will be available at the convention, and also feature **Freddie Floodway**, the star of the upcoming public education pamphlet being prepared with a Hazard Mitigation Grant from FEMA.

Look at the schedule in this issue and make your plans. If the lodge is full when you call, give Jim Coffey a ring at (918) 366-0423.

**14<sup>th</sup> ANNUAL OFMA FALL CONFERENCE**  
**“Lighting The Way To Floodplain Management”**

**MONDAY SEPTEMBER 20**

8:00 – 10:00	Registration		
10:00 – 12:00	<p align="center"><b>PLENARY SESSION</b>  Welcome by Chairman Andy Kincaid, CFM  New Training Legislation Implementation by NFIP State Coordinator Mike Mathis  "Storm Force" Video</p>		
	LUNCH (INCLUDED WITH REGISTRATION)		
	<b>TRACK ONE</b> Sequoyah Room East	<b>TRACK TWO</b> Sequoyah Room West	<b>TRACK THREE</b> Seminole Room
1:00 - 2:30	<b>HAZARD MITIGATION PLANS EMERGENCY RESPONSE PLANS</b>	<b>RESIDENTIAL SUBSTANTIAL DAMAGE ESTIMATOR (RSDE)</b>	<b>FLOODPLAIN 101</b>
2:30	REFRESHMENTS PROVIDED FOR BREAK		
3:00 - 5:00	<b>MASTER DRAINAGE PLANS COMMUNITY RATING SYSTEM (CRS)</b>	<b>RESIDENTIAL SUBSTANTIAL DAMAGE ESTIMATOR (RSDE) continued</b>	<b>FLOODPLAIN 101 continued</b>
6:30	HAY RIDE AND COOK OUT (INCLUDED WITH REGISTRATION)		
8:30	HOSPITALITY SUITE IN BUNK HOUSE – MUSIC BY THE SKEET BAKER BAND		

**TUESDAY SEPTEMBER 21**

7:00	BREAKFAST (INCLUDED IN REGISTRATION)		
8:00 - 10:00	<b>ADMINISTERING YOUR FLOOD ORDINANCE</b>	<b>MAP MODERNIZATION PUBLIC OUTREACH</b>	<b>PREPARING FOR A CAV</b>
10:00	REFRESHMENTS PROVIDED FOR BREAK		
10:30 - 12:00	<p align="center"><b>PLENARY SESSION</b>  New Legislation for NFIP  Homeland Security – FEMA – NFIP  The Future of Floodplain Management by Ross Richardson, FEMA VI Branch Chief</p>		
12:00 - 1:45	LUNCH INCLUDED WITH REGISTRATION OFMA BUSINESS MEETING		
1:45 - 2:45	<b>ELEVATION CERTIFICATE FIRM DETERMINATION</b>	<b>GIS</b>	<b>NFIP</b>
2:45	REFRESHMENTS PROVIDED FOR BREAK		
3:00 - 4:00	<b>FLOODPROOFING</b>	<b>WETLAND RESTORATION &amp; SMALL FLOOD CONTROL PROJECTS</b>	<b>NFIP continued</b>
4:00 – 5:00	<b>RECORD KEEPING</b>	<b>WATER QUALITY</b>	<b>LAND ACQUISITION</b>
7:00 - ?	<p align="center">AWARDS BANQUET  Speaker: Ross Richardson  Music by Edgar Cruz</p>		

**WEDNESDAY SEPTEMBER 22**

7:00 - 8:00	BREAKFAST INCLUDED WITH REGISTRATION		
8:00 - 9:00	<p align="center"><b>PLENARY SESSION</b>  Benefit Cost Analysis and Pre-Hazard Mitigation Funds by Connie Dill &amp; Byron Garver</p>		
9:00 - 10:00	COMMITTEE MEETINGS		
10:00 - 12:00	<p align="center"><b>PLENARY SESSION</b>  FLOOD CONTROL AND COMMUNITY DEVELOPMENT  CLOSING WORDS AND DOOR PRIZES</p>		
1:00 - ?	CFM EXAM FOR PREQUALIFIED APPLICANTS		

## ***FROM THE PDCC - MAINTAIN YOUR PROFESSIONAL CERTIFICATION***

The OFMA CFM<sup>®</sup> certification program was audited by the national Association of State Floodplain Managers in January of this year. As a result of the audit some improvements were made to our program. You have already seen some changes. One being that you received a notice in July to submit your training for renewal. This reminder gave you 3 months advance notice to obtain your Certification Education Credits. All CFM<sup>®</sup>s should submit the form they received with that notice outlining your earned CECs. The OFMA web site includes more detailed information on parallel discipline credits and other requirements. The data must be received by 30 September. A \$50 late fee in addition to the renewal fee will be charged during a grace period of October. If data is not received by 31 October your certification will expire and you will need to re-take the exam.

The number of credits required for maintaining your CFM<sup>®</sup> was changed. Now you must obtain 16 CECs in a 2 year period. You must obtain at least 4 credits per year and count no more than 12 per year. Attending the Fall Conference at Western Hills will provide adequate credits for the year. Your renewal application and data can be submitted to Carolyn Schultz Treasurer at the Fall Conference.

### ***NOTICE TO OCFMS***

As a result of the audit, the PDCC elected to eliminate the separate Oklahoma Certified Floodplain Manager (OCFM) program and only maintain the National Certified Floodplain Manager (CFM<sup>®</sup>) program. This decision was made for several reasons including; convenience in maintaining records, cost savings, compliance with national standards etc.

For your convenience a brief Supplemental Exam was prepared and will be offered to convert your OCFM status to CFM<sup>®</sup> status. The supplemental Exam was offered at no cost at the FEMA Managing Floodplain Development Through the NFIP class on August 27, 2004 in Norman and will be offered at the OFMA Fall Conference September 20-22 at Western Hills Lodge. If you can not take the exam at these times please call the Chairman of the PDCC to discuss other options. Of course these workshops will provide Continuing Education Credits (CECs) to maintain a smooth transition to a CFM<sup>®</sup>.

I hope that all remaining OCFMs will choose to maintain your Professional Certification which is a symbol of integrity and knowledge in your field of expertise. If you have any questions please call Joe Remondini at (918) 669-7198.

***Joe Remondini, P.E., CFM<sup>®</sup>, Chairman  
Professional Development Certification Committee***

## **Tulsa's Come a Long Way in 20 Years - Remembering the May 27, 1984 Flood**

This year marks the twentieth anniversary of the worst flood in Tulsa's history. On May 27th, 1984, as much as 15 inches of rainfall fell in less than 6 hours in Tulsa. Fourteen people died and 288 were injured in flood-related accidents. Damage to property included 3,000 flooded buildings, 2,500 apartments, 500 mobile homes, 450 commercial buildings and 7,000 vehicles. Clearly this was the worst flood event in Tulsa to date and followed a series of worsening floods in 1974 and 1976. The damage from the 1984 storm was \$180,000,000, which today would amount to over \$250,000,000.

Tulsans were spurred to action, with OFMA's own Carol Williams and Ann Patton (shown below) in lead roles. The late Carol Williams was the first OFMA chair and was a floodplain resident who later became a strong advocate for stormwater management.

Ann Patton, Executive Director of both Tulsa Partners and Mayor's Citizen Corps, has long been a driving force in public awareness for stormwater management. Tulsa went from being the most disaster-prone community in the nation to being the national leader in stormwater management, currently the only community with a CRS rating of 2.

In the wake of the 1984 federally declared disaster, Tulsa city officials and state and government agency experts identified the need for \$700 million in corrective flood-control projects. Since then, \$300 million has been spent, including \$140 million on the Mingo Creek flood project, \$80 million of which was federal money.

More details on the 1984 flood and subsequent events are upcoming in the next issue of the BFE.



Reprinted courtesy of the Tulsa World

## Web Sites

**OFMA** [www.okflood.org](http://www.okflood.org)  
**ASFPM** [www.floods.org](http://www.floods.org)  
**OWRB** [www.owrb.state.ok.us](http://www.owrb.state.ok.us)  
**FEMA** [www.fema.gov](http://www.fema.gov)  
**OEMA** [www.angelfire.com/ok2/oema](http://www.angelfire.com/ok2/oema)  
**OEM** [www.odcem.state.ok.us](http://www.odcem.state.ok.us)  
**Corps of Engineers (USACE)**  
[www.swt.usace.army.mil](http://www.swt.usace.army.mil)  
**U.S. Geological Survey (USGS)**  
[ok.water.usgs.gov](http://ok.water.usgs.gov)  
**Advanced Study Institute**  
[web.uccs.edu/geogenvs/natoasi](http://web.uccs.edu/geogenvs/natoasi)  
**CLOMR/LOMR Forms:**  
[www.fema.gov/forms/forms.htm](http://www.fema.gov/forms/forms.htm)  
**EPA NPDES Phase II site:**  
[www.epa.gov/npdes/](http://www.epa.gov/npdes/)  
**SMRC Stormwater Mgr Resource Center:**  
[www.stormwatercenter.net](http://www.stormwatercenter.net)  
**Link to: 44 CFR Ch. I (10-1-02 Edition)**  
[http://www.access.gpo.gov/nara/fr/waisidx\\_02/44cfrv1\\_02.html](http://www.access.gpo.gov/nara/fr/waisidx_02/44cfrv1_02.html)  
**Webmaster:** Tinna Song-Wallis  
[stsong@cox.net](mailto:stsong@cox.net)

## Calendar of Educational Opportunities

- **OFMA 14th Annual Fall Conference**; "Lighting the Way to Floodplain Management", September 20-22, 2004, Western Hills Lodge/Sequoyah Resort Park, Wagoner, OK; 800-368-1486. Contact: *OFMA, P.O. Box 8101, Tulsa, OK 74101-8101*; website: [www.okflood.org](http://www.okflood.org)
- **Governor's Water Conference**, Cox Convention Center, OKC, October 19-20, 2004. Contact: *OWRB, 3800 North Classen Blvd., Oklahoma City, OK 73118*. For more information, call Barry Fogerty, 405-430-8800..
- **NFIP CRS E278 Training Class**; March 15-19, July 26-29, September 20-23, 2005, Contact Tom Hirt for more information at (301) 447-1062.
- **OWRB Managing Floodplain Development Through the NFIP**; Jan. 10-14, 2005. Contact: *OWRB, 3800 North Classen Blvd., Oklahoma City, OK 73118*; for more information, call 405-530-8800; website: [www.owrb.state.ok.us](http://www.owrb.state.ok.us).
- **NFIP National Flood Conference**; May 23-27, 2005, Marco Island, Florida. Contact: *Dorothy Martinez, Program Specialist, 158635 Park Ten Place, Suite 108, Houston, TX 77084*; for more information, call 281-829-6880; website: [www.nfipregion6.com](http://www.nfipregion6.com)..
- **Twenty-Eighth Annual Conference of the Association of State Floodplain Managers**; June 12-17, Madison, Wisconsin. Contact: *ASFPM Executive Office, 2809 Fish Hatchery Road, Ste. 204, Madison, WI 53713-3120*; (608) 274-0123; fax: (608) 274-0696; e-mail: [asfpm@floods.org](mailto:asfpm@floods.org); website: [www.floods.org](http://www.floods.org) .
- **OFMA 15th Annual Fall Conference**; September 19-21, 2005, Quartz Mountain State Park, Lone Wolf, OK. Contact: *OFMA, P.O. Box 8101, Tulsa, OK 74101-8101*; website: [www.okflood.org](http://www.okflood.org).

### FINALLY! FLOOD INSURANCE REFORM!

On June 30, 2004, President Bush signed into law S. 2238 the Bunning/Bereuter/Blumenauer Flood Insurance Reform Act of 2004. Sponsored by Rep. Doug Bereuter (NE) and Rep. Earl Blumenauer (OR), S. 2238 reauthorizes the National Flood Insurance Program (NFIP), administered by the Federal Emergency Management Agency (FEMA), through 2008. The Act passed the House on June 21, under suspension of the rules by voice vote.

Reforms in the law will address the problem of repetitive loss properties through flood mitigation. The law authorizes the launch of a pilot program that will require people to either accept mitigation assistance or face significantly higher premiums. Owners who refuse assistance will no longer be eligible for subsidized flood insurance far below the actuarial risk rate they should be paying. Over time, as mitigation offers change the nature of repetitive loss properties, the NFIP is expected to save a significant amount of money, since FEMA estimates that these properties alone cost the program \$200 million annually.

House Financial Services Committee Chairman Michael G. Oxley (OH) said, "The reforms set out in this law fortify the original intent of the NFIP while preventing unacceptable expenses for the taxpayers."

EXCERPTED FROM A PRESS RELEASE BY THE HOUSE COMMITTEE ON FINANCIAL SERVICES

**AD VALORUM TAX EXEMPTION FOR STORM SHELTERS**

The Oklahoma constitution provides for up to one hundred (100) square feet of a storm shelter designed for protection and safety from tornados or tornadic winds and installed or added to an improvement to real property after January 1, 2002, that shall be exempt from taxation. A storm shelter shall include but not be limited to, a safe room built as part of and within an improvement to real property.

**COMMUNITY RATING SYSTEM**

On Friday, August 20, 2004, Mike Melton, Deputy Director of the Oklahoma Water Resources Board, presented this year's CRS Awards to 11 communities in Oklahoma at the Oklahoma Municipal League's Annual Award Breakfast at Cox Convention Center in Oklahoma City. These eleven communities are going above and beyond the minimum NFIP requirements which provides a savings to all flood insurance policy holders that live in Zone A. The 11 communities this year are Bartlesville and Lawton with a Class 7; Blackwell, Broken Arrow and Sand Springs with a Class 8; Chickasha, Dewey, Edmond, Enid, and Stillwater with a Class 9; and Tulsa with a Class 2, the lowest Class in the Nation. Communities with a Class 9 give a 5% reduction in insurance premium, a Class 8 gives a 10% reduction, a Class 7 gives a 15% reduction and a Class 2 gives a 45% premium reduction.

If your community is not a member of the CRS and would like to know more about it, contact Ms. Linda Delamare at FEMA, Region VI at (940) 898-5279.

**Oklahoma Floodplain Managers Association**

**Vision**

Floodplains are for floodwaters, habitat, water quality enhancement and recreation.

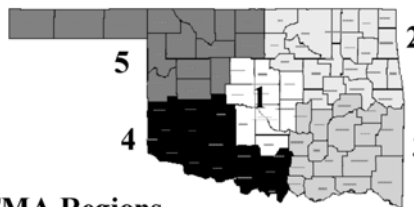
**Mission**

We encourage and support, with our partners, flood-safe development and flood mitigation. We promote sound floodplain management practices and the natural and cultural benefits of the floodplain. We support the floodplain management profession through education and certification.

Saving lives from floods and reducing property loss from floods are paramount to us.

**An Invitation to Join OFMA**

**The Oklahoma Floodplain Managers Association** is a non-profit organization primarily dedicated to providing information and education to the public about reduction of loss of life and property due to flooding.



The best investment that \$30.00 can buy in the future of your state is a membership in the Oklahoma Floodplain Managers Association.

**OFMA Regions**

**OFMA Membership Application**

Name: \_\_\_\_\_ Company/Organization: \_\_\_\_\_  
 Title: \_\_\_\_\_ Address: \_\_\_\_\_  
 Work Phone: \_\_\_\_\_ City/Town: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Fax: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Detach and Mail to:  
**OFMA**  
 P.O. Box 8101  
 Tulsa, OK 74101-8101

New Member:  Renewal:   
 Region (see map): 1 2 3 4 5  
 Committees:  
 \_\_\_ Mitigation  
 \_\_\_ Mapping and Engineering  
 \_\_\_ Education/Legislative  
 \_\_\_ Certification  
 \_\_\_ Conference

Dues Schedule:  
 First-Year dues are probated depending on the quarter during which you join. The fiscal year starts October 1<sup>st</sup> and ends September 30<sup>th</sup>.

	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Full Membership	\$ 30.00	\$ 22.50	\$ 15.00	\$ 7.50
Student Membership	15.00	11.25	7.50	3.75
Associate Membership	20.00	15.00	10.00	5.00
Agency Membership (Plus \$10.00 per employee designated by the Agency)	50.00	37.50	25.00	12.50
Corporate Sponsor	100.00	75.00	50.00	25.00



## Notes from the State NFIP Coordinator

### Mike Mathis, Oklahoma Water Resources Board

As the federal fiscal year came to an end, OWRB floodplain management staff was busy satisfying our many commitments, especially regarding required tasks related to the 2004 Community Assistance Program Cooperative Agreement with the Federal Emergency Management Agency (FEMA). Among the most important of these tasks is update of the Floodplain Management 101 guidebook by the agency's Public Information Section. The retooled guidebook, which has traditionally served the state's floodplain management community as a home study guide, will be invaluable to the OWRB's new floodplain managers' accreditation effort, mandated through HB 2284. As you know, this new law, signed by Governor Henry on April 4, requires each community in the National Flood Insurance Program to employ an accredited floodplain manager. This law directs OWRB to develop rules to administer this accreditation. Staff efforts to develop new rules necessary to administer this accreditation are underway.

We are also very excited about republication of the OWRB's four Floodplain Information Bulletins, as well as creation of two new related publications—*Hazard Mitigation, Flood Mitigation and PreDisaster Mitigation* (Bulletin No. 5) and *No Adverse Impact: Taking Ownership at the Local Level* (Bulletin No. 6). Be on the look out for these new and improved educational and promotional tools.

FEMA's recent development of guidance for the 2004 Map Modernization Management Support program will serve as the funding mechanism for the Water Board to receive federal funds to initiate work under the Map Modernization State Business Plan. The plan will greatly enhance our involvement in this extremely worthwhile program through public meeting requirements, conversion of paper flood maps to digital media and improving the quality of Oklahoma's Flood Hazard Boundary and Flood Insurance Rate Maps, many of which are 20 years old or older. Also, staff is busy preparing the state's five-year floodplain management plan, which establishes a near-future direction for the agency's floodplain management and flood loss reduction efforts.

In reviewing work performed during the recently concluded fiscal year, OWRB staff conducted 10 Community Assistance Visits and 21 Community Assistance Contacts. Many of these CACs and CAVs remain open as several communities are making excellent progress in correcting program deficiencies and/or violations, improvements that will make those communities less vulnerable to the potential damaging impacts of floodwaters. The CAC and CAV are invaluable tools OWRB can use to assist communities one on one to understand and learn how to administer and enforce their floodplain management program at the local level.

## OFMA General Store

Oklahoma Floodplain Managers Association gifts are now available. The attractive OFMA articles are of the highest quality. You will be proud to wear and display them.

To Order: OFMA  
P.O. Box 8101  
Tulsa, OK 74101

Or call Carolyn Schultz (918) 669-4919



OFMA Golf Shirt (S, M, L, X-L)	35.00
Briefcase	25.00
Baseball Cap (One size fits all)	15.00
Insulated Mug	10.00
Umbrella	20.00
Portfolio	25.00
Lapel Pin	3.00
CFM Lapel Pin	5.00

Shipping and handling \$4.95 per order.



## OFMA'S CORPORATE PARTNERS



### Association of County Commissioners of Oklahoma

Dusty Birdsong  
429 NE 50<sup>th</sup> Street  
Oklahoma City, OK 73105  
405 524-3200  
405 524-3700 fax

### Benham

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2488 East 81<sup>st</sup> St., Suite 6000  
Tulsa, OK 74137  
918 492-1600  
918 492-1031 fax  
bmeiling@benham.com

### Carter & Burgess, Inc.

Curtis Beitel  
P.O. Box 901058  
Ft. Worth, TX 76101-2058  
817 735-6000

### Cinnabar Service Company

Terry Young  
5121 South Wheeling Avenue  
Tulsa, OK 74105  
918 742-0082

### Cobb Engineering

Darby Anderson  
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Oklahoma City, OK 73122  
405 415-9400

### Crafton Tull and Assoc., Inc.

Phil Hagen  
235 North MacArthur Blvd  
Oklahoma City, OK 73127  
405 787-6270

### Eagle Consultants, Inc.

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### R.D. Flanagan & Associates

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### FTN Associates, Ltd.

Conrad Battreal, PE, CFM  
3 Innwood Circle, Suite 220  
Little Rock, AR 72211  
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501 225-6738 fax  
cjb@ftn-assoc.com

### Grand River Dam Authority

Robert W. Sullivan, Jr.  
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Management & Regulatory  
Compliance  
P.O. Box 409  
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918 256-5545, x4467  
918 256-5289 fax  
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Jim Harden, LS  
10759 East Admiral Place  
Tulsa, OK 74116  
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### JGVE, Inc.

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918 241-9245 fax  
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16225 Park Ten Place, #420  
Houston, TX 77084-5142  
281 579-4579

### WK Morris Consulting, LLC

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116 Northwest 132<sup>nd</sup>  
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### Oklahoma Municipal League

201 N.E. 23<sup>rd</sup> Street  
Oklahoma City, OK 73105-  
3199  
405 528-7515

### Oklahoma Society of Land Surveyors

Burk Cornelius  
P.O. Box 720126  
Oklahoma City, OK 73172  
405 840-9116

### PBS&J

12101 Indian Creek Court  
Beltsville, MD 20705  
301 210-6800

### Sheridan Engineering

John F. (Jack) Sheridan  
P.O. Box 219  
Haskell, OK 74436  
918 482-3417

### Smith Roberts Baldischwiler, LLC

Mathew Smith, PE  
25 S. Oklahoma Ave., Suite 400  
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mat@smith-roberts.com

### Swift Water Resources Engi- neering, LLC

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6 East 5<sup>th</sup> Street, #205  
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## Oklahoma Floodplain Managers Association

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Tulsa, OK 74101-8101

Change Service Requested

## August-September 2004

### Funding Acknowledgement

Funds to produce *The B.F.E.* come in part from the National Flood Insurance Program, State Support Services Element of the Community Assistance Program, which is administered by the Federal Emergency Management Agency.

## Oklahoma Floodplain Managers Association 2003-2004

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### Treasurer:

Ms. Carolyn Schultz, CFM  
Corps of Engineers  
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