



Working Group Updates

MRFTF Workgroups

Initial Activities

Completed

Agriculture

Regulatory/Policy

Activities Ongoing

Levee Repair

Communications

Tribal Outreach

River Management

Floodplain Management

Observers

Hydropower

Navigation

Infrastructure

Agriculture Workgroup

Omaha, NE

February 28, 2012

Co-leads:

Craig Derickson, State Conservationist, NRCS Nebraska

Dan Steinkruger, State Executive Director, FSA Nebraska

Mission / Areas of Focus

- Organize an effective working group of agency personnel, tribal members, interested groups and individuals, and resources for Ag related flood damage recovery.
- Communicate information on available recovery resources and programs available to the public, Ag groups, and tribes in a coordinated and consistent manner as soon as possible.

Work Group Members & Contributors

- Members = USDA: NRCS, FSA, APHIS and RMA; USACE, FEMA, SEMA, BIA, Omaha Tribe, Winnebago Tribe, State Departments of Ag in IA, MO, and NE; State DNR in NE, MO and KS Water Office; UNL and Iowa State Extensions.
- Contributors = The Nature Conservancy, Iowa Natural Heritage Foundation, Levee Groups in IA and MO, Farmers, plus others.

Accomplishments

- Conducted Ag recovery webinar – “Farming After the Flood,” on December 14, 2011. Webinar involved key representatives from 5 state region and included more than 200 Ag participants at 24 viewing sites.
- Webinar and fact sheets are available for viewing at <http://flood.unl.edu>
- Prepared flood recovery fact sheets on available assistance programs including:
 - USDA: Supplemental Revenue Assistance Payments, Noninsured Crop Disaster Assistance Programs, Emergency Conservation Program, Emergency Watershed Program.
 - FEMA Disaster Unemployment Assistance

More Accomplishments

- Fact Sheets including:
 - USDA: Emergency Forest Restoration Program, Conservation Reserve Program, Wetlands Reserve Program, and Farmable Wetlands Program.
 - USDA – Risk Management Agency information on crop insurance, key dates and important information for farmers and other industry personnel.
 - USACE PL 84-99 Program, Section 404 permitting and other related issues, MO River Recovery Program.

USDA Emergency Funding

- Funding for USDA-FSA's Emergency Conservation Program (ECP) funding is covered in separate presentation.
- Funding for the Emergency Watershed Protection Program through NRCS is as follows:
 - KS - \$262,000 for stream bank stabilization repairs at two locations.
 - MO - \$3.6 million for work on various levees and tributary sites.
 - NE - \$900,000 for repair to drainage ditch and sediment removal.

USDA Emergency Funding

FSA Emergency Conservation Program (ECP)

- * Report by FSA

NRCS Emergency Watershed Protection Program (EWP)

STATE	TOTAL
• Kansas	\$262,442
• Missouri	\$3,600,000
• Nebraska	\$900,000

Obstacles/Challenges

- Addressing the needs of diverse personnel from Ag interests groups, agencies, tribes, NGO's and geographical locations throughout the Missouri River Basin.
- Coordinating deadlines from multiple agencies.

Next Steps / Future of Work Group

- Monitor status of repair work being completed through USDA Emergency Conservation Program (FSA) and Emergency Watershed Protection Program (NRCS) and other recovery efforts.
- Monitor the Ag land situation and be ready to provide additional information to new or unresolved issues.
- Monitor river status in spring of 2012 and reconvene workgroup as issues and needs arise.
- Finalize a list of upcoming key dates/deadlines.
- Send out a News Release regarding these dates.



Regulatory/Permitting

Missouri River Flood Task Force Regulatory/Permitting Working Group

Co-Leads:

Doug Epperly,

Bureau of Reclamation

Verlon Barnes,

Natural Resources Conservation Service

Work Group Members & Contributors

8 Federal Agencies, 2 State Agencies, & 2 Partners/Contributors

USACE

Erik Blechinger
Mark Frazier
David Gesl
Cheryl Goldsberry
Rose Hargrave
Mary Hoffman
Donna Jones
Eric Laux
Ward Lenz
Danny McClendon
Maria Placht
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State of Missouri – DNR

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State of Iowa – DNR

Kelly Pool
Chris Schwake
Kelly Stone

Partners/Contributors/ Observers

Leo Ettleman
Joseph Gibbs

Mission / Areas of Focus

Regulatory Working Group Goal

The short term goal of the Regulatory/Permitting Working Group is to very quickly provide consistent, concise and clear guidance to flood victims that improves the efficiency and responsiveness of the regulatory/permitting processes for flood recovery activities in order to accelerate recovery from the 2011 Missouri River Flood.

Accomplishments

- 9 Meetings, Communication, and Coordination
- 7-state NRCS Farm Bill Wetland Compliance Guidance
- FHA determined Categorical Exclusions covered their needs
- FWS 2011 Flood Recovery Guidance
- EPA Categorical Exclusions List by Agency for each type of recovery activity
- COE district by district Post Flood Fact Sheets for Section 404
- NPS Wild and Scenic Rivers Act Guidance
- Regulatory/Permitting Contact Sheet that provides public with federal and state contacts within each state for IA, KS, MO, & NE
- Initial review of EPA's NEPAassist as potential GIS Tool

Response to Indentified Gaps

The Regulatory/Permitting WG was just recently given the following two “Gap” items:

- Identify programmatic approaches that can be used during future planning and recovery efforts.
- Take a more team approach to emergency situations.

The Regulatory/Permitting WG has already been discussing some issues that fit within these two Gap items, in particular, the development of pre-flood informational materials so public citizens are better informed about options that are available to more adequately prepare for flood events.

Obstacles/Challenges

- Working to develop more consistency in the differences of interpretations and/or guidance, especially from state to state and from district to district.

Next Steps / Future of Work Group

- Complete state “Contacts List” for SD, ND, MT, & WY
- Work to develop Pre-Flood Disaster Preparedness Information
- Become aware of new CWA Section 404 Nationwide Permit changes and evaluate how they impact the WG efforts.
- Consider use of NEPAassist and/or other similar GIS tools to develop a GIS system to aid in Regulatory/Permitting issues for both emergencies and non-emergencies.
 - Expect that meeting interval will be monthly through July of 2012.

Levee Repair Working Group

- **John Leighow – USACE NWD Lead**
- Bill Jackson- AgriServices
- Charley Baird- FEMA
- Dave Mincer - Crystal Springs Farm
- Dru Buntin - MO DNR
- Earl Lewis - KS KWO
- Eric Banks - KS USDA
- George Riedel - MBaker Corp
- Harold Decker - MO USDA
- Harry Bozoian - MO DNR
- Ilde Chavez - WDC USDA
- Joel Steuber - MO USDA
- John Kaufman - KC RR
- Joseph Gibbs
- JR Flores - MO USDA
- Karin Jacoby - the SPICA Group
- Keith Admire - AR USDA
- Margret Fast - KWO KS
- Morris Heitman
- Muriel Morgenthaler - KS USDA
- Paul Gallagher - RMA USDA
- Peggy Smart
- Randy Ashbury - Howard electric
- Robert Vincze -
- Rodney Meng
- Rodney Sebastian - RMA USDA
- Thomas Oswald - IOWA
- Tom Waters - MLDDA
- Traccy Streeter - KWO KS
- Jud Kneuvean - USACE NWK
- Kim Thomas - USACE NWO
- Gina Webber - USACE NWD

Mission / Areas of Focus

- **Mission Statement:**

- The Levee Repair Working Group's purpose is to work as a team to garner repair funds and repair all levees to their original level of protection. The group's mantra is "Fund It, Fix It".
- The Levee Repair Working Group will work to provide a centralized "clearing house" of timely two way communication and useful information to Federal Agencies, states, levee sponsors and landowners who suffered damage to their levee during the Missouri River flooding. During this time of recovery, it is critical that the states, levee sponsors and landowners have access to all of the facts and information so they can make decisions that are best for the future of their operations.
- **Expected Duration:** Until the last levee is repaired or group no longer needs this venue to obtain information.
- **Currently 30 Federal / State / Partners, Contributors, and Observers**

Accomplishments

- A regularly attended conference call to communicate across agencies and with the public stakeholders.
- Continue to post the progress of the Levee Rehabs on the MRFTF Website: increased project milestones to reflect phases of project activity before Construction.
- District updates on construction progress given regularly.
- No pending questions/issues.

Publically Posted Product

(Partial View)

17 February 2012 Listing of Missouri River Levee Rehabilitation Projects												
Supplemental disaster relief funding for Missouri River levee repairs was included in the Disaster Relief Appropriations Act 2012 (DRAA) signed on Dec. 23, 2011. The DRAA will fund full repair (to pre-flood condition) of all authorized damage sites with Presidential declarations. One project, identified below with ** asterisks, does not have the Presidential Declaration and will compete for normal FCEC funding.												
Legend: Green - Fully Funded Projects												
Yellow - Partially Funded Projects												
Red - Not Start Yet												
District	Project Type	Project Name	MR Mile Markers	State	City	Congress District	Work Duration (months)	Cooperation Agreement Executed (Date)	Real Estate Certification Provided (Date)	Sponsor Funds Received (Date or N/A)	Actual Contract Award Date	% Construction Complete
NMO	Federal	MR Levee Unit B 627 (Omaha TPP)	623.5-633.7	NE	Omaha	NE-01	4	24-Jan-12	24-Jan-12	N/A	8-Feb-12	
NMO	Federal	MR Levee Unit 1 628-627	618.6-605.8	IA	Graceland Bluffs	IA-05	4	12-Dec-11	12-Dec-11	N/A	22-Dec-11	Veterans - 40%, 28th St - 60%
NMO	Federal	MR Levee Unit L 633-634	605.5-587.9	IA	Graceland Bluffs	IA-05	4	18-Jan-12	18-Jan-12	N/A	5-Feb-12	277 critical areas, 1 substantial areas
NMO	Federal	MR Levee Unit R 636	601.7-596.6	NE	Bellevue	NE-01	2	28-Jan-12	28-Jan-12	N/A	5-Feb-12	
NMO	Federal	MR Levee Unit R 633	598.6-595.9	NE	Bellevue	NE-01	2	24-Jan-12	24-Jan-12	N/A	14-Feb-12	
NMO	Federal	MR Levee Unit L 601	587.7-586.5	IA	Pacific Junction	IA-05	4	27-Jan-12	27-Jan-12	N/A		
NMO	Federal	MR Levee Unit L 594	580.5-575.6	IA	Earleford	IA-05	4	31-Jan-12	31-Jan-12	N/A		
NMO	Non-Federal	Lake Winona	577.6-575.8	NE	Call County	NE-01	4					
NMO	Federal	MR Levee Unit L 575	573.6-563.7	MO/NE/IA	Peru/Mo, Redwood, Ia, Peru	MO-05/MO-06	4	20-Oct-11	20-Oct-11	N/A	25-Oct-11	Upper 50%, MR 25%, Lower 30%
NMO	Federal	MR Levee Unit R 562	548.9-543.5	NE	Peru	NE-01	4	15-Feb-12	15-Feb-12	N/A		
NMO	Federal	MR Levee Unit R 573	537	NE	So NE City	NE-01	4	27-Jan-12	27-Jan-12	N/A	10-Feb-12	
NMO	Federal	Stitch & Hamburg	532	IA	Hamburg	IA-05	4	3-Feb-12	3-Feb-12	N/A		
NMO	Federal	MR Levee Unit L 550	545.5-522.2	MO	Rockport	MO-06	4	18-Oct-11	18-Oct-11	N/A	25-Oct-11	Upper 50%, Lower 10%
NMO	Federal	MR Levee Unit R 540	534.4-528.3	NE	Brownville	NE-01	4			N/A		
NMO	Federal	MR Levee Unit L 536	522.3-515.7	MO	Rockport	MO-06	4	18-Jan-12	18-Jan-12	N/A	31-Jan-12	Setback-30%
NMWS	Non-Federal	Union Township Levee District	507.4 to 504.0	MO	Big Lake	MO-06	2	2-Dec-11	14-Feb-12	10-Feb-12	16-Feb-12	
NMWS	Federal	MR Levee Unit R 525	505.5-501	NE	Butte	NE-01	2			N/A		
NMWS	Non-Federal	Holt County Levee District No. 1B, Section 2	502.7 to 492.0	MO	Big Lake	MO-06	2		Delayed			
NMWS	Federal	MRLS 500-R	501.8 to 496.8	KS	Doughan	KS-02	1			N/A		
NMWS	Federal	MRLS 512-513-R	497.3 to 495.0	NE	Ruby	NE-01	1			N/A		
NMWS	Non-Federal	Holt County Levee District No. 9	491.8 to 486.2	MO	Fortescue	MO-06	2					
NMWS	Non-Federal	Canon Drainage District of Holt County	486.2 to 482.8	MO	Forest City	MO-06	2					
NMWS	Federal	MRLS 497-L	483.0 to 476.0	MO	Forest City	MO-06	2			N/A		
NMWS	Federal	Kimsey Holly Levee District	482.8	MO	Forest City	MO-06	1			N/A		
NMWS	Federal	MRLS 489-L	476.0 to 465.0	MO	Fortes	MO-06	2			N/A		
NMWS	Federal	MRLS 482-R	467.0 to 458.0	KS	Doughan	KS-02	1			N/A		
NMWS	Federal	MRLS 476-L	461.0 to 455.0	MO	Amazonia	MO-06	1			N/A		
NMWS	Federal	MRLS 471-469-R	456.6 to 441.7	MO / KS	Elwood / Bl	KS-02	2	13-Jan-12	26-Jan-12	N/A	9-Feb-12	
NMWS	Federal	MRLS 465-L	447.3 to 437.3	MO	St. Joseph	MO-06	1	13-Jan-12	26-Jan-12	N/A	9-Feb-12	
NMWS	Federal	MRLS 8 440-443	439.0 to 426.0	MO	Halls	MO-06	2			N/A		
NMWS	Non-Federal	Flushing-Sugar Lake	428.0 to 418.2	MO	Rushville	MO-06	2	20-Dec-11	12-Jan-12	13-Jan-12	20-Jan-12	Working 3 Breaches
NMWS	Non-Federal	Dean Lake Levee Association	418.2 to 411.3	MO	Reas	MO-06	2	29-Dec-11	13-Jan-12	11-Jan-12	16-Feb-12	
NMWS	Non-Federal	Henry Fohl Levee	412.3 to 405.9	KS	Atchison	KS-02	1					
NMWS	Non-Federal	Grape-Butin-Schwartz Levee Association	409.9 to 406.2	KS	Leavenworth	KS-02	1					
NMWS	Federal	MRLS 406-L	401.35 to 391.2	MO	Farley	MO-06	1	6-Feb-12		N/A		
NMWS	Federal	MRLS 440-R	401.35 to 391.2	KS	Atchison	KS-02	1			N/A		
NMWS	Non-Federal	Kansas Department of Corrections	384.0 to 386.0	KS	Leavenworth	KS-02	1					
NMWS	Federal	MRLS 406-L	391.2 to 384.8	MO	Waldron	MO-06	2	10-Feb-12		N/A		
NMWS	Non-Federal	Wickoff Drainage District Section 1	386.4 to 383.7	KS	Wyandotte	KS-02	1					
NMWS	Non-Federal	Wickoff Drainage District Section 2	386.4 to 383.7	KS	Wyandotte	KS-02	1					
NMWS	Non-Federal	Wickoff Drainage District Section 3	382.3 to 381.3	KS	Wyandotte	KS-02	1					
NMWS	Federal	North Kansas City	366.0	MO	North Kansas	MO-06	1	na	na	N/A	03-Jan-12	Physically Complete
NMWS	Non-Federal	Tri-County of Ray, Clay, Jackson District	341.5 to 337.0	MO	Clay	MO-06	1					
NMWS	Non-Federal	Egypt Levee & Drainage District	337.0 to 334.2	MO	Ray	MO-06	1					
NMWS	Non-Federal	MO Valley DBL Dist of Ray Co. MO, Sect	333.8 to 326.2	MO	Orrick	MO-06	1					
NMWS	Non-Federal	Hewetts-Crossed River L&D District, Sec 1	313.8 to 311.8	MO	Hemerita	MO-06	1					
NMWS	Non-Federal	Hewetts-Crossed River L&D District, Sec 2	313.8 to 311.8	MO	Hardin	MO-06	1					
NMWS	Non-Federal	Ray County Levee & Drainage District	311.8 to 307.0	MO	Hardin	MO-06	1					
NMWS	Non-Federal	Miles Point Drainage District	307.0 to 304.2	MO	Norborne	MO-06	1					

MR Levee Rehab Summary

- Rehabs: 75 projects
 - 58 approved and 50 of those fully funded
 - Funding follows Project Approvals
 - 1 project physically complete/ North Kansas City
 - 17 projects with awarded Contracts (as of 22Feb)
 - 11 of 17 awarded projects in construction or mobilizing
- Flood Vulnerability (per flood season)
 - NWO- Gavins Point to Rulo -1 April –
 - all levees on track - substantially whole / critical section back to design height; no breaches or major scours, but seepage mitigation remains a concern; levees floodfightable.
 - NWK – Rulo south to STL – 1 May –
 - all levees (with 2 exceptions) - substantially whole, no breaches or significant scours. No significant seepage concerns. Levee fully capable of meeting designed purposes. Levees Floodfightable. (exceptions may be: Holt County #10, and Grape-Bollin- Schwartz.)

Next Steps / Future of Work Group

- No additional actions planned
- Conference Calls have reduced to twice monthly
- Changes to schedule will be addressed as the majority of projects are awarded



Levee Repair

John Leighow
Northwestern Division,
USACE

Kansas City District Levee Rehab Status

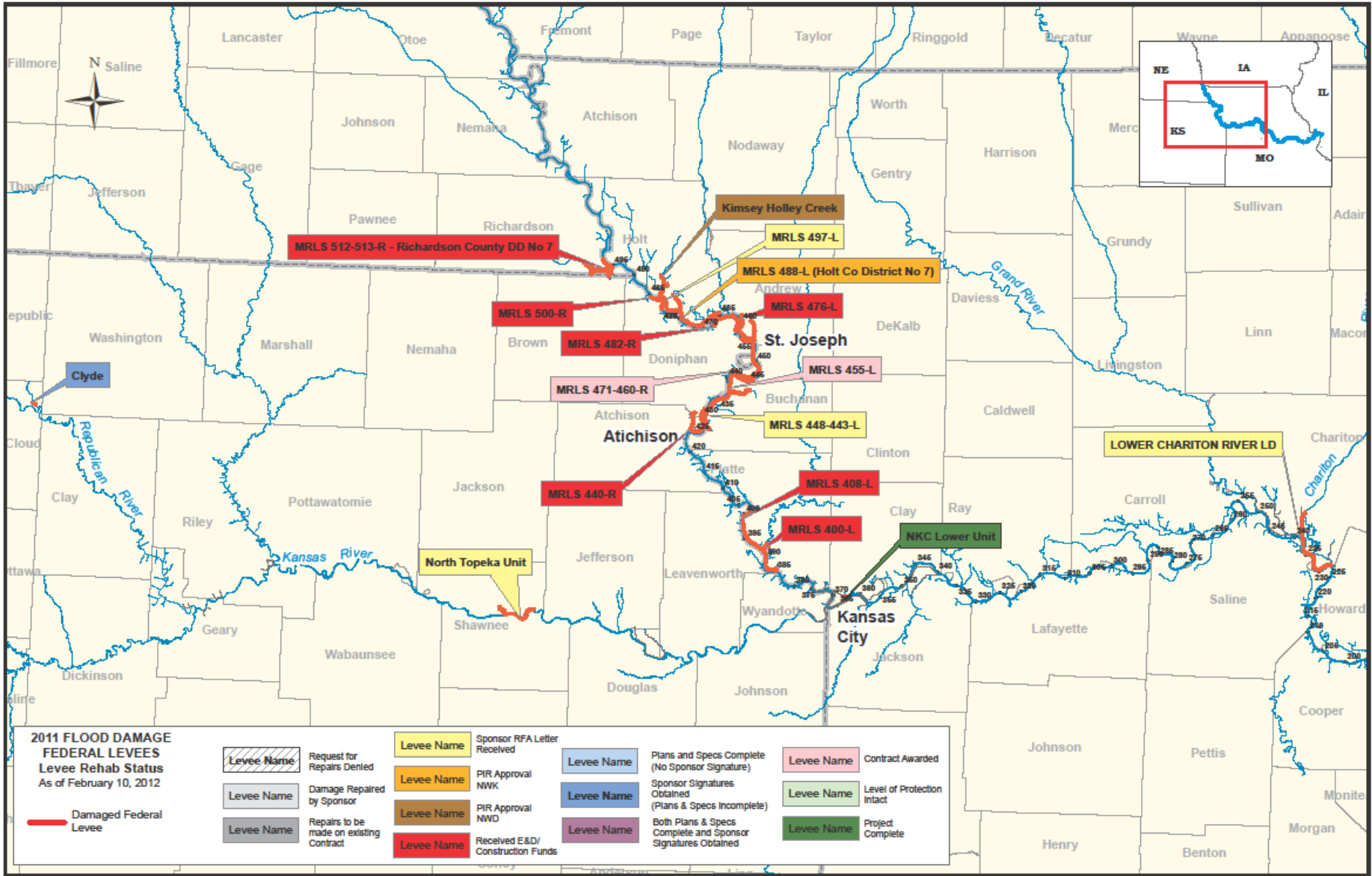
- 57 Requests For Assistance (RFA) letters rec'd from Sponsors (40 Non-Fed; 17 Fed)
- ALL Project Information Reports (PIRs) funded for damage assessment
- 35 Projects funded thru Construction
- Remaining projects funded upon PIR approval



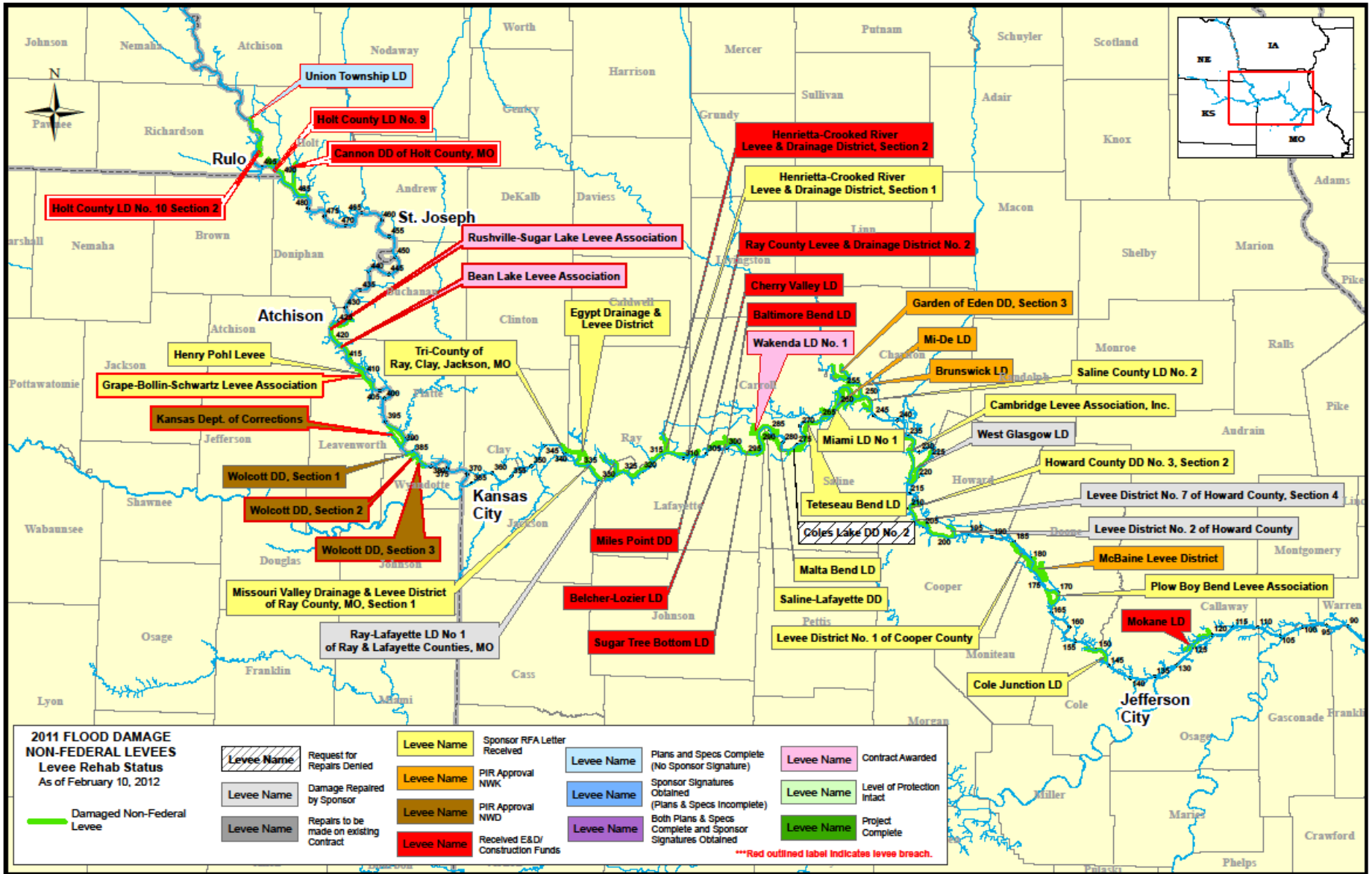
Key Status Reporting Tools

- Public Website Information
(www.nwk.usace.army.mil – Levee Rehabilitation)
- Google Earth with Weekly Status Updates per location.





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Levee Rehabilitation Summary

- PIR Status (57 RFAs)
 - ▶ 42 Completed; 40 Approved by NWD
 - ▶ 15 PIRs in Progress
 - ▶ 2 Denials of Assistance

- Contracts (30 Contracts anticipated)
 - ▶ 6 contracts awarded (7 levees)
 - ▶ 1 contract completed
 - ▶ 3 Solicitations posted (4 levees)
 - ▶ 22 contract solicitations in progress



Omaha District

Systems Restoration Team

*US Army
Corps of Engineers*

Bret Budd
Chief,
Omaha Systems Restoration Team



MR Levee Unit L-550



Oahe Dam Stilling Basin



US Army Corps of Engineers
BUILDING STRONG®

Levees Restoration Mission

- **Approx. 18 levee repair projects have been currently identified**
 - ▶ **Design and construction will follow PL 84-99 Requirements and Levee Safety Program & Engineering Technical Guidance**
- **Estimated cost of repairs - \$280M**



Critical Levee Repairs - Breaches

- **5 breaches – 3 on L575 and 2 on L550**
 - ▶ **Upper L575 Breach: Complete 1 Feb 12**
 - ▶ **Middle L575 Breach: Complete 28 Jan 12**
 - ▶ **Lower L575 Breach: Complete 28 Feb 12**
 - ▶ **Upper L550 Breach: Complete 19 Jan 12**
 - ▶ **Lower L570 Breach: Complete 24 Feb 12**



Critical Levee Repairs - Others

- **Severe levee scour on L536**
 - ▶ **Setback alignment: Complete 24 Feb 12**
- **28th Street Pump Station (L624-627) inoperable**
 - ▶ **Construction: Complete 1 Mar 12**
- **Veterans Memorial Bridge Pump Station (L624-627) inoperable**
 - ▶ **Construction: Complete 1 Mar 12**



Critical Levee Repairs - Others

- **Severe scour and seepage on L611-614**
 - ▶ **Seepage berm installation: Complete 1 Mar 12**
- **Omaha Flood Protection Project restoration**
 - ▶ **Grace Street Outlet: Complete 28 Feb 12**
 - ▶ **Kinder Morgan Drainage: Complete 28 Feb 12**
 - ▶ **Douglas Street Pump Station: Complete 28 Feb 12**
 - ▶ **Minnie Lusa Drainage Structure: Complete 28 Feb 12**



Levee Contracts Awarded - \$62.73M

- Omaha Flood Protection Project (R624-627) \$1.84 million
- L624-627 (Council Bluffs, Iowa) \$8.13 million
- L611-614 (South of Council Bluffs, Iowa) \$3.04 million
- R616 (South of Bellevue, Nebraska) \$477,886
- R613 (Mouth of Platte, Nebraska) \$43,280
- L601 (South of Pacific Junction, Iowa) \$1.39 million
- L575 (Near Hamburg, Iowa) \$26.47 million
- Ditch 6 (Hamburg, Iowa) \$71,340
- R573 (South of Nebraska City, Nebraska) \$4.79 million
- L550 (Near Rockport, Missouri) \$10.34 million
- L536 (South of Rockport, Missouri) \$5.15 million
- Geotechnical Data Collection (various systems) \$972, 772





Communications

Bethany Hale
Central Region Coordinator,
NOAA

Communications Working Group Mission

The mission of the CWG is twofold: 1) it exists to provide interagency communications, coordination, and timely and factual information on the repair and restoration efforts in the Missouri River Basin, and 2) to serve as a conduit for broadening task force members' communications efforts and opportunities for information sharing. The CWG will:

- **Present a positive and professional image of the MRFTF to the public and media,**
- **Develop communications plans that reflect joint agency positions,**
- **Coordinate agency communications for greater effectiveness and credibility,**
- **Offer timely and factual information, emphasizing MRFTF accomplishments, providing early awareness of information and/or decisions affecting all other agencies in regard to the Missouri River Basin,**
- **Provide a forum for discussion and sharing information related to current and future decisions and activities throughout the Missouri River Basin by agencies and stakeholders (routine agenda topic during each conference call)**
- **Provide support to other MRFTF working groups, including disseminating products and developing outreach strategies and educational materials**

Work Group Members & Contributors

- *Tom O'Hara – Corps (co-lead)*
- Renee Bungart– MO DNR
- Trisha Dorsey – Corps
- Craig Divkerson – NRCS, NE
- Ed Conley – FEMA – DHS
- Hector Santiago – NPS
- Jim Redmond – Sierra Club
- Joanna Pope – NRCS
- John Benson – Iowa HS
- Katie Ingels – Kansas Water Bur.
- Kevin Wingert – Coprs
- Linda Howell – NRC
- Maria Placht – Coprs
- Nick Stas – WAPA
- Mary Sexton – MT DNRC
- Rosemary Hargrave – Corps
- Shelia Shockey – Shockey Consulting
- *Bethany Hale – NOAA (co-lead)*
- Terry Cartwright - Nebraska
- Verlon Barnes - NRCS
- Derick Hill - Iowa
- Cathi Warren - Corps
- Dru Buntin – MO DNR
- Scott Roscoe – FEMA - DHS
- Gail Hubbeling – Yankton Sioux Tribe
- Diane Mann – Klager - BIA
- Joe Kafka – South Dakota
- John Grassy – MT DNRC
- Kevin Grode - Corps
- Doug Kluck - NOAA
- Lucinda Robertson – Iowa HS
- Rae Olson – BOR
- Tony Venhuizen – South Dakota

Early Accomplishments

- Missouri River Flood Task Force (MRFTF) Talking Points
- Communications Working Group Charter
- MRFTF Website

Recent Accomplishments

- Missouri River Flood Task Force (MRFTF) Bulletin
 - *Get your copy today!!*
- Media and press release teams
- MRFTF Website Enhancements

Response to Indentified Gaps

- Improve direct communication during flood events by reaching out to those who need the information. Technology is used by some, but it cannot be the only method.
 - Collection of ideas and methods to implement a coordinated communications campaign focused on relaying information during events; development of Bulletin to communicate about the Task Force and agencies, re-design of website.
- Make sure information is available and decision-making is transparent.
 - Pulled together the relevant contact in each organization who would send info along to their constituents and partners.
- Manage expectations so citizens know what their responsibility is and about the responsibilities of the agencies.
 - Letter to Governors advocating approaches for localities to reach out to floodplain residents and establish flood plans throughout communities; development of Bulletin to communicate about the Task Force and agencies, re-design of website.

Next Steps / Future of Work Group

- Monthly Bulletins
- Rollout revised website
- Weekly meetings with round-robin
- Continue as long as needed...



Tribal Outreach

Cathi Warren

Native American Consultation Specialist,
USACE Omaha and Kansas City Districts

Missouri River Flood
Task Force
Tribal Outreach
Working Group

One of the challenges for the Missouri River Flood Task Force (MRFTF) is quality information exchange with the 29 Tribes within the Missouri River basin affected by the 2011 flooding. The MRFTF 's Tribal Outreach Working Group (Working Group) will act as a conduit for information exchange on tribal issues.

Actions for the Working Group

- assisted the MRFTF Co-Chairs in reaching out to invite the 29 Tribes to participate in the Task Force;
- facilitates information exchange on flooding impacts and restoration activities to and from the Tribes and MRFTF and its working groups;
- is creating a list of Federal Agency positions with tribal liaison responsibilities; and
- is assisting in the development of a tribal summit on flood emergency disaster preparation prior to the 2012 flood season.

Example of Coordination

- An example of the facilitated coordination is the issues awareness meeting held on December 14, 2012, between Federal Agencies and Chairman Amen Sheridan of the Omaha Tribe of Nebraska. It was followed by the Flood Planning Emergency Operations Plan Workshop for the Omaha Tribe of Nebraska completed in January 2012.

Future of Work Group

- Planning for tribal summit in May/June
- Transfer of coordination activities to Missouri River Basin InterAgency Roundtable (MRBIR)

River Management Working Group

MRFTF Meeting, February 28, 2012

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River Management Working Group

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Work Group Members

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Kevin	Grode	Corps of Engineers	Shuhai	Zheng	Nebraska Department of Natural Resources
James	Pennaz	Corps of Engineers	Kevin	Low	NOAA
Sue	Lowry	Interstate Streams Division	Doug	Kluck	NOAA Central Region
Earl	Lewis	Kansas Water Office	Robert	Webb	NOAA Earth Science Research Lab
Tracy	Streeter	Kansas Water Office	Steven	Predmore	NOAA National Weather Service
Dru	Buntin	Missouri Department of Natural Resources	Bruce	Engelhardt	North Dakota Water Commission
Karen L	Rouse	Missouri Department of Natural Resources	Carmen	Thomson	NPS
Matt	Vitello	Missouri Department of Natural Resources	Scott	Oviatt	NRCS
Bryan	Hopkins	Missouri DNR	Brian	Domonkos	NRCS - MT
Randy	Scrivner	Missouri State Emergency Management Agency	Cara	McCarthy	NRCS National Water and Climate Center
Scott	Zeller	Missouri State Emergency Management Agency	Joyce	Swartzendruber	NRCS-MT
Tim	Bryggman	MT DNRC	Brian	Johnston	NRCS-ND
Michelle	Klose	ND State Water Commission	Mary	Podoll	NRCS-ND

Work Group Members

Work Group Contributors

Jason	Glodt	South Dakota, Office of the Governor	Randy	Asbury	Coalition to Protect the Missouri River
Pat	Erger	USBR	John	Weeda	Great River Energy
Byron	Black	USCG	Paul	Lepisto	IWLA
Jeffery	Morgan	USCG	Bill	Lay	Landowner
Michael	Strobel	USDA	Tom	Graves	Midwest Electric
Andrew	Eischens	Risk Management Agency	Frank	Pogge	MO-ARK
Paul	Gallagher	Risk Management Agency	Cory	Foreman	RESPEC
Michael	Slifer	USGS	Dennis	Todey	South Dakota State University
Robb	Jacobson	USGS CERC	Jason	Skold	TNC
Nicholas	Stas	WAPA	Michael	Armstrong	WaterOne (Water District No. 1 of Johnson County)
			Hanley	Barker	WaterOne
			Tom	Schrempp	WaterOne
			Tom	Iseman	Western Governors Association
			Stuart	Maas	Missouri Valley Waterfowler's Association

MRFTF: River Management Working Group

Mission:

- Establish a common knowledge base regarding
 - 1) data and forecasting tools used in the development of the Missouri River Basin inflow forecast, river flood forecasts, and Corps reservoir management forecasts and information used in reservoir management decision-making,
 - 2) Additional facilities to increase channel conveyance capacity (overlap with Floodplain Management WG), and
 - 3) the operational flexibility within the Missouri River Mainstem Master Manual;
- From this common knowledge identify gaps and areas for improvement.

Accomplishments

- **Established relationships**
- **Improved understanding of the Missouri River System**
 - **Hosted 3 webinars**
 1. **Feb 10th – Development of the 2012 Missouri River Mainstem Reservoir System Runoff Forecast**

Kevin Stamm, Senior Hydraulic Engineer, USACE Missouri River Basin Water Management office

 - Explained the data the Corps uses to determine its inflow forecast, much of which is provided by partner agencies
 - Reviewed the February 1 2012 monthly inflow forecast

Accomplishments

2. Jan 18th – River Aggradation and Degradation

- John Shelley, River Engineering and Restoration Section, USACE Kansas City District “Assessing Changes to the River Channel – Bed Degradation Feasibility Study”
- Dan Pridal, Chief of Sedimentation and Channel Stabilization Office, USACE Omaha District “Missouri River Reservoir System Sediment Overview”
- Sandy Korkow, Executive Director of the Missouri Sedimentation Action Coalition, “Accumulating Sediment Diminishes System Benefits”

3. Jan 4th - River Conveyance

- Chance Bitner, Chief Hydraulics/Hydrology Section, Kansas City District, Corps of Engineers.
 - Discussed a study conducted by the Corps of Engineers in 2008 on levee setbacks, channel widening, and other methods to increase conveyance capacity of the Missouri River along a 735 mile stretch - Boonville to Jefferson City, MO.

Response to Identified Gaps

- Better involve hydropower interests in decisions regarding river management
 - Hydropower Group covers as many of the River management calls as they can
- Consider how to interface with, and incorporate, Missouri River degradation work/studies
 - Jan 18 river aggradation/degradation webinar
- When releasing water, joint conversations need to take place earlier in the decision making process.
 - Corps is addressing this through bi-weekly tele-conferences
- Consider exemptions to the Missouri River Mainstem Master Manual.
 - Future WG activity
- Consider how to reduce runoff in upper end of basin and reduce flows in Missouri River.
 - Jan 4 river conveyance webinar
- Consider climate change assessments in the basin
 - River Mgmt WG decided not to focus on climate change

Obstacles/Challenges

- Increase the accuracy of the March/April inflow forecast, as it relates to basin conditions (plains snowpack and soil moisture content, temperature and precipitation outlooks)

Next Steps / Future of Work Group

- Monthly meetings till end of July
- Next meeting: second week of April on implications of Corps' flood storage analysis (due end of March)
- Afternoon sessions today will cover what we want to accomplish between now and July regarding:
 - inflow forecasting
 - channel conveyance
- Contact list will be maintained indefinitely in case this group needs to reconvene in the future



FloodPlain Management

Floodplain Management

- Facilitator: Randall Behm, USACE-Omaha
- Focus Area Co-Leads:
 - ❖ Focus Area 1 – Richard Sims, Marty Adkins
 - ❖ Focus Area 2 – Julie Baxter, Steve Mietz
 - ❖ Focus Area 3 – Randall Behm
 - ❖ Focus Area 4 – Randall Behm
 - ❖ Work Group Note Development: Brian Rast

Mission Statement

Promote gathering, sharing, and dissemination of information associated with the Missouri River floodplain and to provide a platform for open dialog around the information needs of group members. This group will develop a floodplain hazard identification and mitigation toolbox of resources and information, best practices and lessons learned, and provide it to stakeholders for their use.

Focus Areas

- **Focus Area 1: Develop Flood Risk Identification Toolbox**
- **Focus Area 2: Develop Potential Mitigation Toolbox**
- **Focus Area 3: Identify Potential Constraints to Flood Hazard Identification and Mitigation**
- **Focus Area 4: Exchange of Technical Data**

Floodplain Management Work Group

- Adkins Marty NRCS Iowa
- Barnes Verlon NRCS
- Baxter Julie FEMA Region 8
- Behm Randy USACE
- Borgman Don John Deere
- Brandt Bradley Arbor Day Foundation
- Brinlee Jana USACE
- Bryggman Tim MT DNRC
- Buntin Dru Missouri DNR
- Casteel Kelly North Dakota SWC
- Coffey Michael Corps of Engineers
- Derickson Craig NRCS
- Engelhardt Bruce State of North Dakota
- Farrar Doug Arbor Day Foundation
- Fischer Steve Corps of Engineers
- Fitzpatrick Barb FEMA Region 8
- Freeman Beth FEMA Region 7
- Gibbs Joseph B.
- Grode Kevin USACE
- Hall Shirley Farm Services Agency USDA
- Hayden J. Michael MoRAST
- Hopkins Bryan
- Hudson Martin Corps of Engineers
- Johnston Brian NRCS-ND
- Kaczor Nick U.S. FWS
- Klose Michelle ND State Water Commission
- Lepisto Paul IWLA
- Lucas David FWS
- Mac Vie Cory FEMA
- Mann-Klager Diane BIA
- Mietz Steven N. NPS
- Miller Clint TCF Mincer
- Dave Crystal Springs Farm
- Ownby Dean M. FEMA Region 7
- Pennaz James USACE-Kansas City
- Placht Maria USACE
- Rast Brian USACE-Kansas City
- Riedel George Baker
- Scrivner Randy Missouri State EM Agency
- Sims Richard NRCS-IA
- Siroky Laurence Montana DNRC
- Skold Jason TNC
- Stas Nicholas J. WAPA
- Strole Todd TNC
- Teltschik Shandi FEMA Region 8
- Vitello Matt Missouri DNR
- Zeller Scott Zheng Shuhai Nebraska DNR

FMWVG Accomplishments

- Prior to Dec 12: Established Mission and Focus Areas
- After Dec 12:
 - Conducted Bi-Monthly Conference Calls
 - Conducted 3 Webinars / Focus Area Discussions
 - Focus Areas Product Development
 - Iowa Floodplain Assessment Decision Support Tool
 - Mitigation Resource Guide Database
 - Questionnaire and Results Regarding Constraints
 - Point of Contact Spreadsheet for Technical Data

Response to Identified Gaps

- *We need to streamline information sharing – use of Geographic Information System (GIS) layers, LIDAR (Light Detection and Ranging) mapping and other data.*

Focus Area 3; Exchange of technical Data has developed POC spreadsheet for state and federal agencies maintaining data on LiDAR, GIS Applications, Hydraulic Computer Models, Stream Gage Data, and High Water Marks

- *Evaluate how the Missouri River Basin is used and what it should and shouldn't be used for more long-term.*

Focus on discussions surrounding “Potential Constraints to Flood Hazard Identification and Mitigation”. Flood hazards in the Basin are associated with land use decisions, which are generally made at the local level, and then supported at the federal level (development funds, infrastructure, flood protection). Utilize work group, SJ, other networks to perform outreach.

- *Look for ways to mitigate hazards and consider options beyond buyouts and explore alternatives.*

Focus Area 2; Develop Potential Mitigation Toolbox, is developing a Mitigation Resource Guide Database to list mitigation measures provided by various state and federal agencies

Response to Identified Gaps

- *Consider how to manage hazards collectively.*

This “gap” is generally being addressed within the work group through development of products and discussions within the four Focus Areas, where we are developing products for flood risk identification, potential mitigation, data exchange and identifying potential constraints to identification and mitigation.

- *Look for opportunities to coordinate with other efforts going on (e.g. using resources that are being discarded in one area and use them in an area where that resource is needed.)*

Networking with other work groups, identifying other standing programs and authorities (USACE, NRCS, FEMA, DNR, EMA) and listening to stakeholders.

- *Develop pilot projects where creative and innovative solutions can be tested.*

Discussions, investigations and assessments which have uncovered information relating to the 1944 FCA for minimum river floodway width, infrastructure pinch points (bridges, levees), potential levee modifications for increased reliability, resiliency, and integrity.

Obstacles/Challenges

- Time, Funding and Interest

The farther we move away from the event, the more difficult it is for the work group(s) to remain intact.

Path Forward for Floodplain Management

- Continuation of Bi-Monthly Conference Calls/Webinars
- Focus Areas Continuation:
 - Discuss Expansion of Iowa FADST Tool to Regional Use
 - Continue Development of Mitigation Resource Guide
 - Discuss Partnering (Silver Jackets) Outreach on Constraints
 - Disseminate Technical Data Point of Contact Spreadsheet
 - Include today's GIS discussion for future networking
 - Network/Collaborate on Creative/Innovative Ideas

MRFTF Navigation Workgroup

Lead
John LaRandeau, USACE
Northwestern Division

February 28, 2012



Mission

- Promote gathering, sharing, and disseminating of information associated with the Missouri River Navigation and to provide a platform for open dialog around the information needs of group members. The group will monitor the other working group activities for potential impact to the navigation mission. This group will develop a toolbox of resources and information, and provide it to other Working Groups and stakeholders for their use as necessary.

Working Group Members

- John LaRandeau – U.S. Army Corps of Engineers, Northwestern Division
- Captain Byron Black – US Coast Guard, Sector Upper Mississippi River
- LCDR Jeffrey Morgan – US Coast Guard, Sector Upper Mississippi River
- William Paape – Maritime Administration
- Sherrie Turley – Missouri Department of Transportation
- Captain Bill Beacom – Missouri River Navigation Caucus
- Branden Leay Criman – The Port Authority of Kansas City
- Dan Pridal – U.S. Army Corps of Engineers, Omaha District
- Michael Gossenauer – U.S. Army Corps of Engineers, Kansas City District

Accomplishments

- Continue to Observe other Working Group activities in relationship to potential impacts to Navigation and Bank Stabilization - None
- Some team members participate in other Working Group teleconferences
- Working Group communicates on frequent basis

Channel Performance

- Channel Assessments
 - BSNP – Preliminary Inspections Completed
 - MRRP/SWH – Underway
- Channel Assessment Findings
 - BNSP
 - Project performed well
 - 2 – 4 times average annual damage
 - 500 – 900 damaged structures
 - Damage accelerates if not repaired
 - MRRP/SWH – Preliminary Findings
 - SWH was created or lost (site dependant)
 - SWH structures altered
- Repair Schedules
 - Prioritized Maintenance Schedule-April 2012
 - Pending Reconnaissance & other surveys
- Repairs
 - Using In-house and Contracts
 - Multi-year effort



Next Steps / Future of Work Group

- Continue as Observers and provide information





Infrastructure

Beth Freeman

FEMA



Hydropower

Tom Atkinson

WAPA