

Operation Watershed -Recovery

Responding to the Historic Mississippi River Flood of 2011

MR&T Post-Flood Report

Next Steps

Hank DeHaan

22 February 2012



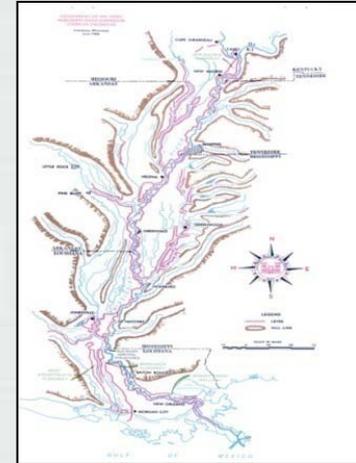
US Army Corps of Engineers
BUILDING STRONG[®]



MR&T Post-Flood Report

MR&T Post-Flood Report (previously SPE):

- SPE effort restructured to produce Post-Flood Report
- Focus remains on answering:
 - How did the MR&T perform?
 - How could the MR&T perform now?
 - What does the MR&T need to perform in the future?
- Final Product is MR&T Post-Flood Report
 - Fully characterizes operation and performance of MR&T
 - Provides preliminary recommendations for future studies or analyses to improve MR&T system management and operation
- **Funding:** Current estimate \$3M, Prepare detailed scope -Feb



MR&T Post-Flood Report

Primary Changes with Restructuring:

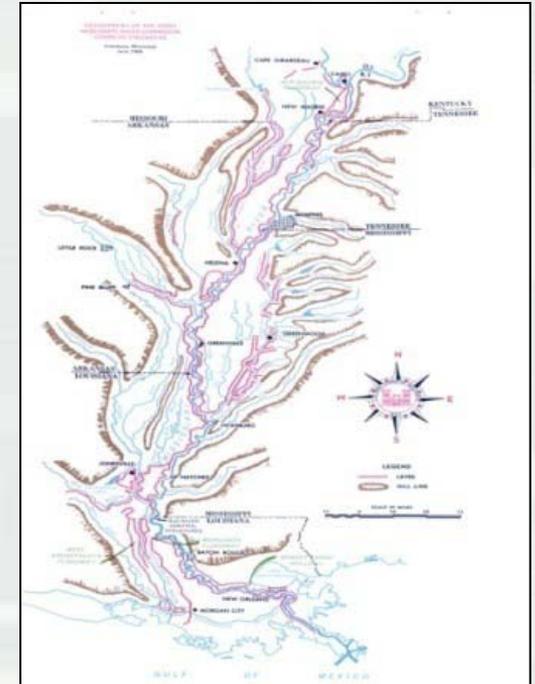
- Focus on information already collected to produce full Post-Flood Report
- Use only the hydraulic modeling scenarios that are complete (4 of 6)
(- Economic assessment will still be performed)
- District hydraulic models will not be combined into one system model
- Review is conducted through Regional Team, DQC and MVD
- No ATR (ATR will be conducted as part of HQ SPE)
- Reduce efforts related to policy and authority questions
- Focus primarily on MR&T performance, status, improvement
- Report provides recommendations, but is not a decision document



MR&T Post-Flood Report

MR&T Features Assessed:

1. Reservoirs
2. Levees/Floodwalls
3. Floodways
4. Channel Improvements
5. Outlet Structures (e.g. Old River...etc)
6. Operational Decisions
7. Collaboration
8. Communication



MR&T Post-Flood Report

Team:

Regional Management Team	
	Regional PM Regional TM
	TM Leads: (Structural, Hydraulics, Economics, Environmental)
	PM Leads: (MVS, MVM, MVK, MVN)
Project Delivery Teams	
Team Leader	1. Reservoirs (Fusion Team)
Team Leader	2. Levee/Floodwall/Outlet Structures
Team Leader	3. Floodways
Team Leader	4. Channel Improvements
Team Leader	5. Communications/Collaboration
Team Leader	6. Environmental
Team Leader	7. Economics
Team Leader	8. Flow Lines/Design Flood
Team Leader	9. Data Management
Team Leader	10. Reports



MR&T Post-Flood Report

Next steps:

- **Restart effort to produce MR&T Post-Flood Report**
- **Restructure effort and update work plan:**
 - In recognition of HQ Part 2 Effort (OPORD)
 - Structure consistent with Post-Flood Report guidance
 - Focus on MR&T questions/needs
 - Produce valuable MVD product this fiscal year
- **Conduct DQC review of Interim Report in early March**
- **Ramp up teams in February to full momentum in March**
- **2012 Flood Season Preparation included in Post Flood Report**



MR&T Post-Flood Report

Schedule:

<u>MR&T Post-Flood Report Schedule</u>	
<u>Activity/Milestone</u>	<u>Date</u>
Updated Work Plan	29 Feb
DQC Review of Interim Report (including MVD staff)	1-15 Mar
Team IPR and Restart Meeting	15 Mar
Address DQC comments / Complete Hydraulic Model Runs	30 Mar
Complete Economic and Environmental Assessments	20 Apr
PDTs complete and submit final inputs for Draft Report	4 May
Complete Draft Report	4 Jun
DQC Review of Draft Report (including MVD staff)	6-20 Jun
Complete Draft Report addressing DQC comments	20 Jul
Formal MVD/MRC Review of Draft Report	23 Jul-6 Aug
MRC Briefing during Low Water Inspection Trip	~10 Aug
Complete Final Report addressing MVD comments	10 Sep
Transmit Final Report to MVD	15 Sep

