

MISSOURI RIVER AUTHORIZED PURPOSES STUDY (Section 108)

Missouri River Recovery Program
Meeting

October 27, 2009



®

US Army Corps of Engineers
BUILDING STRONG®



Presentation Outline

- History of 1944 Flood Control Act
- Authority & Guidance
- Opportunities & Anticipated Product
- Relationships to Other Corps Efforts
- Study Activities
- Management & Communication



HISTORY OF 1944 FLOOD CONTROL ACT



The Pick-Sloan Plan 1944 Flood Control Act

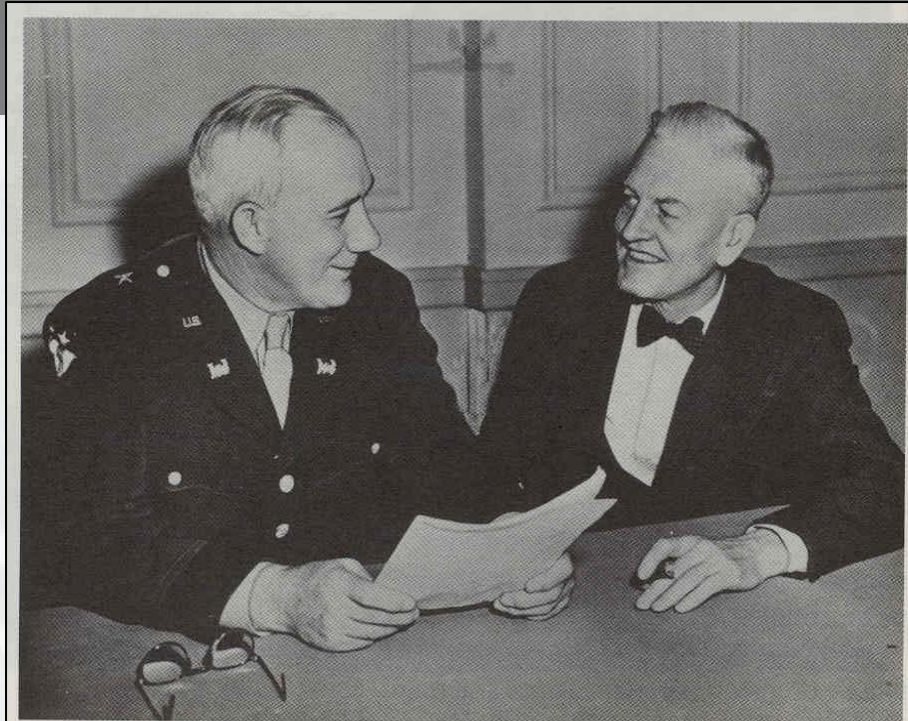


Development Era Framework in a
Time When Restoration and
Sustainability Were Needed



“Be prepared to take full advantage of this great river development,” he added, “it will eliminate destructive floods, provide vast new acreage of irrigated land, make available a new source of vital power, provide more water for domestic use, give an impetus to river navigation and provide recreation at areas which will attract thousands of tourists.”

General Pick - 1948



General Lewis A. Pick and William Glenn Sloan.



Background

- Drought of the 1930's
- Economic Depression
- Unsustainable Agricultural Practices
 - ▶ Large percent of the population engaged in farming
 - ▶ Nation viewed natural resources as unlimited
- National Industrial Recovery Act of 1933
- Fort Peck Dam completed in 1939
- Devastating 1943 Mo River Floods
- 1960s six main stem dams operational



Changing Times

Pick Sloan

1944

- Flood Control
- Navigation Development
- Control The River
- Little Concern for Tribal Issues
- Major Irrigation Vision
- Non-Collaborative Governance
- Sediment Issues Not Considered

65 years later

2009

- Continued Flooding Concern
- Navigation Use
- Restore The River
- Greater Emphasis on Tribal Issues
- Water Supply
- Focus on Collaborative based Governance
- Sediment Issue Concern



And the next steps...

- MRAPS Study Is the Vehicle for Review
- Review Authorized Purposes identified in the 1944 FCA
- Collaboration for a Shared Vision



AUTHORITY & GUIDANCE



Authority

- Omnibus Appropriations Act of 2009, Title I, Sec. 108:

The Secretary is authorized to conduct a study of the Missouri River Projects located **within the Missouri River basin** at a total cost of **\$25,000,000** with the express purpose to review the original project purposes based on the Flood Control Act of 1944, as amended, and other-subsequent relevant legislation and judicial rulings to **determine if changes** to the authorized project purposes and existing Federal water resource infrastructure may be warranted: *Provided*, That this study shall be undertaken at **full Federal expense**.



Missouri River Purposes

- Section 9 of the 1944 Flood Control Act, as amended authorized the System for:
 - ▶ flood control
 - ▶ navigation
 - ▶ fish and wildlife
 - ▶ irrigation
 - ▶ power
 - ▶ recreation
 - ▶ water supply
 - ▶ water quality



Implementation Guidance

- Oct 2009 - formal kickoff, outreach to basin stakeholders on their interests/concerns for the study
- Initial priorities are for collaboration and scoping
- Geographic region/scope; Missouri River basin including tributaries; Federal projects... refinements during scoping process
- Work collaboratively w/State and Federal agencies, Tribes, and stakeholders w/in basin
- Inventory existing project purposes/conditions; evaluate needs and problems; determine if changes are warranted



Implementation Guidance

- Evaluate effects to the Mississippi River from alternatives
- Incorporate climate change and evaluate potential impacts
- Recommend an array of alternatives to Corps Chief of Engineers for potential implementation
- Evaluate alternatives considering Economics, Environmental Quality, Social Effects, & Public Safety and other qualitative criteria
- Conduct project per Corps Planning Guidance with internal & external reviews
- Timeline: ~5 Years



OPPORTUNITIES & ANTICIPATED PRODUCT



Opportunities & Anticipated Product

- Opportunity
 - ▶ Evaluate authorized purposes in respect to current basin values and priorities
 - ▶ Examine current project infrastructure and operations
 - ▶ Through dialogue, identify options that enhance multi-purpose benefits, increase efficiencies, and reflect the wide-range of interests/uses of the river



Opportunities & Anticipated Product

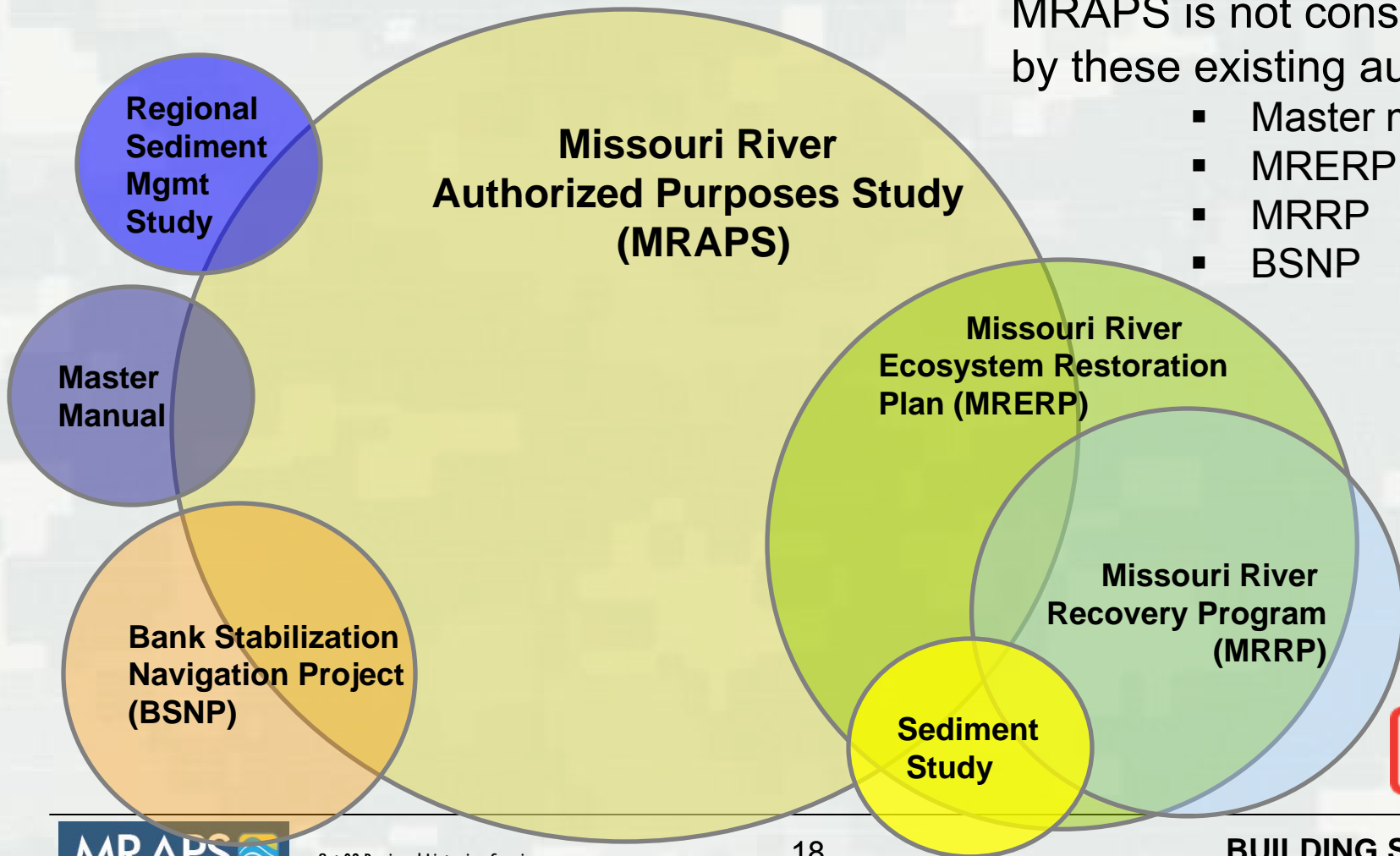
- Product
 - ▶ Comprehensive feasibility report with an Environmental Impact Statement (EIS) for Chief's Report to Congress. The report will document study findings and make recommendations to Congress as appropriate.



RELATIONSHIPS TO OTHER CORPS EFFORTS



Relationship to Other Major Basin Efforts



MRAPS is not constrained by these existing authorities

- Master manual
- MRERP
- MRRP
- BSNP



Relationship to Other Major Basin Efforts

How are MRERP and MRAPS related?

- Both are planning studies, but have different objectives.
 - ▶ MRERP is ecosystem study focused on mitigation, recovery, restoration.
 - ▶ MRAPS is a **multi-purpose study** to review the authorized purposes of the Missouri River. Authorized purposes include navigation, irrigation, flood control, power, water supply, water quality, recreation, & fish & wildlife.
- National Environmental Policy Act (NEPA) utilized on both
- We expect some overlap in data collection and analysis. Will coordinate to avoid duplication of efforts.



Relationship to Other Major Basin Efforts

How are MRRIC and MRAPS related?

- Congressional authorization for MRRIC is specific to MRRP and MRERP
- MRAPS is an independent study with separate Congressional authorization
- Recognize importance of updating MRRIC on MRAPS activities

How are the Master Manual and MRAPS related?

- MRAPS is not a Master Manual revision
- Any changes in authorized purposes could lead to updates in the Master Manual



STUDY ACTIVITIES



Study Activities

- Project Management Plan (PMP) under development for next 6 to 9 months
 - ▶ Project Delivery Team (PDT) formation
 - ▶ Project Scope
 - ▶ Communications and Public Involvement Plan
 - ▶ Study Review Plan
 - ▶ Study Schedule
 - ▶ etc...



MANAGEMENT & COMMUNICATION

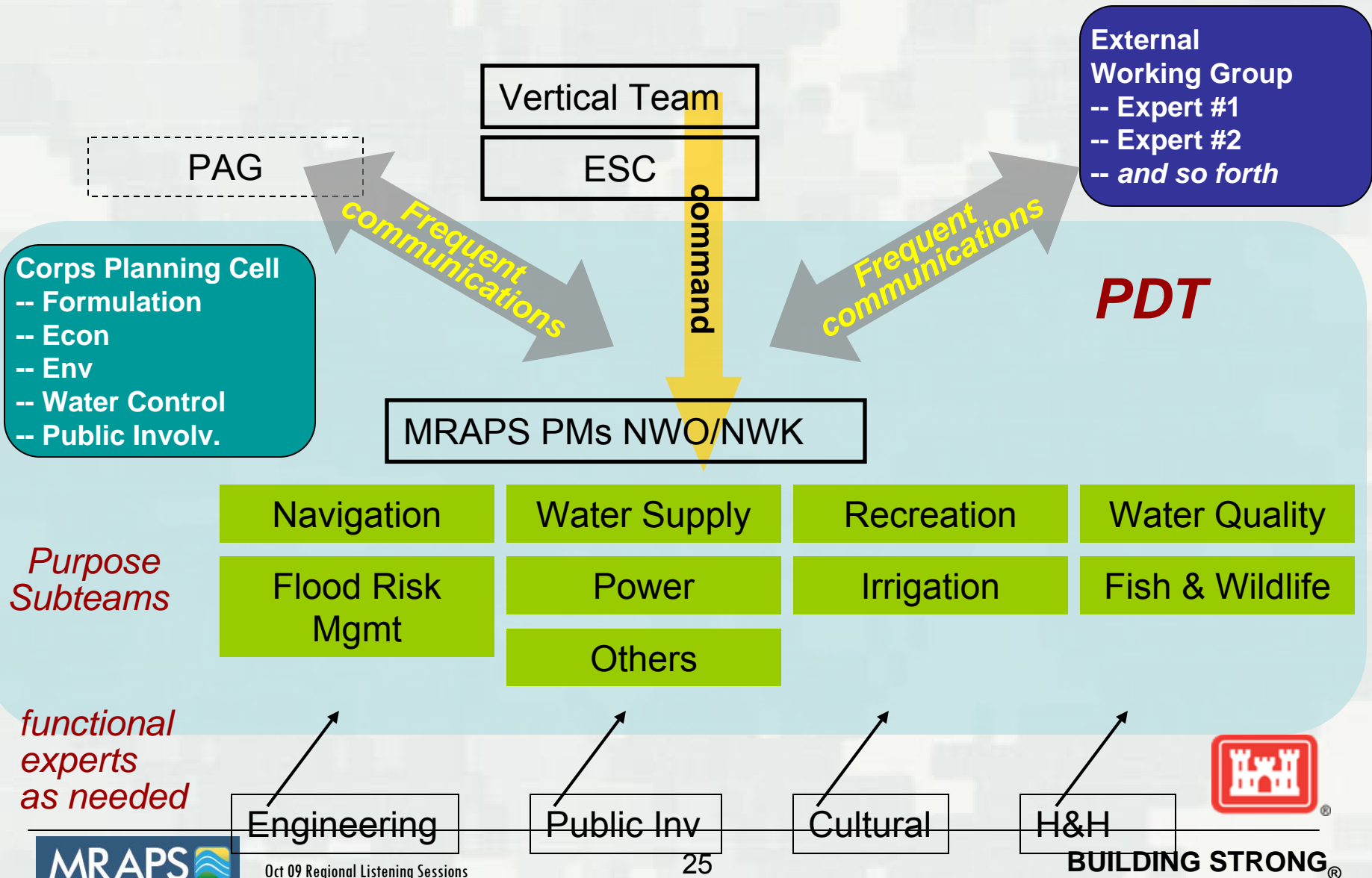


Regional Study Management

- Co-Lead by Omaha & Kansas City Districts
 - ▶ Omaha – (management lead, funds, schedule mgmt)
 - Lynn Heng (interim Planner/PM)
 - ▶ Kansas City
 - Lamar McKissack, Senior Planner/PM



MRAPS Team Management



External Working Group
 -- Expert #1
 -- Expert #2
 -- and so forth

Vertical Team

ESC

PAG

MRAPS PMs NWO/NWK

Corps Planning Cell
 -- Formulation
 -- Econ
 -- Env
 -- Water Control
 -- Public Involv.

PDT

Frequent communications

Frequent communications

command

Purpose Subteams

Navigation	Water Supply	Recreation	Water Quality
Flood Risk Mgmt	Power	Irrigation	Fish & Wildlife
	Others		

functional experts as needed

Engineering

Public Inv

Cultural

H&H



Regional Study Management

- Work With Mississippi Valley Division on
 - Analysis of flows from Missouri River into Mississippi River
 - Flood control concerns around confluence area
 - Lower basin meeting assistance
- Corps Advisory Teams
 - Planning Advisory Group
 - Executive Steering Committee
 - Regional Review Team
 - etc...



Involvement Assessment Facilitation

- United States Institute for Environmental Conflict Resolution
 - Assist with ensuring balanced study
 - Neutral facilitator during upcoming MRAPS focus groups and interviews



Communication

- Two-stage Formal Kickoff
 - ▶ 1 Oct 09 in Ft Pierre, SD
 - ▶ 8 Oct 09 in Kansas City, KS
- Listening Sessions & Focus Groups
 - ▶ Regional – Ft Pierre, SD & Kansas City, KS Kickoffs
 - ▶ Federal Working Group – 15 Oct 2009
 - ▶ 9 Focus Group sessions – Nov/Dec 2009 -- Jan 2010
 - ▶ Involvement Assessment summarizing results & recommending communication/organizational strategies

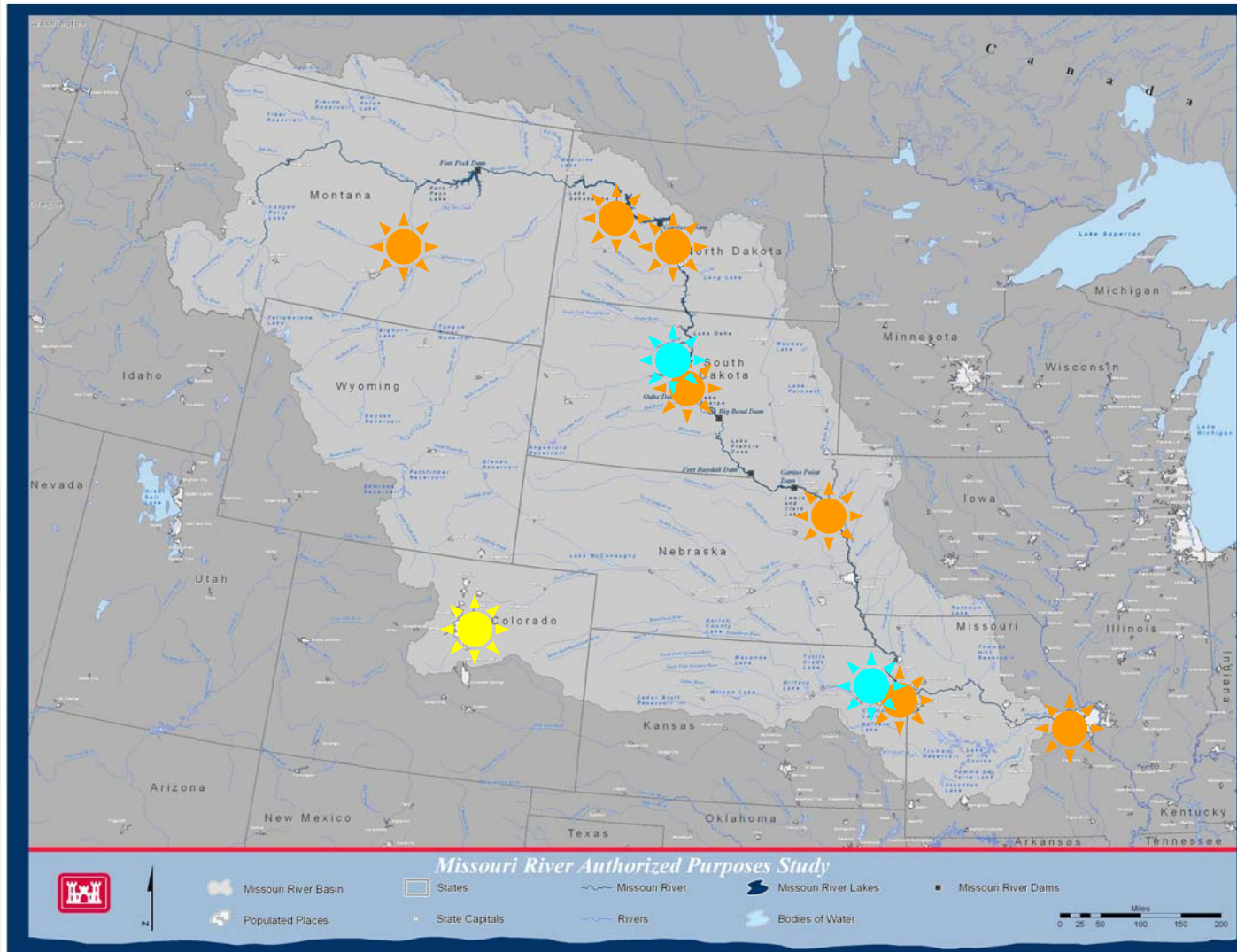


Summary of Kick-Off/ Listening Sessions

- 102 people attended in **Pierre, SD on Oct 1.**
 - ▶ Included Senator Nelson staff, Rep Sandlin staff, and Governor's staff from North Dakota and South Dakota.
 - ▶ Attendees from Idaho, North Dakota, South Dakota, Iowa, MO and KS.
 - ▶ Concerns: recreation, sediment, water supply & quality, economic development, Tribal concerns.
- 135 attended in **Kansas City, KS on Oct 8.**
 - ▶ Included members of Senator McCaskill's staff and some municipalities.
 - ▶ Attendees from Kansas, North & South Dakota, Nebraska, Missouri, and Texas.
 - ▶ Concerns: economic development, water supply and quality, navigation, recreation, levee maintenance, and power generation



Communication



Regional
Listening
Sessions
(Oct)

Federal
Working Group
Session
(Oct)

Tentative
Focus Group
meeting locations
(Nov -- Feb)



Ongoing Communication

- United States Institute for Environmental Conflict Resolution
- Stakeholder Interviews
 - ▶ Up to 100 individual interviews w/ stakeholders throughout the basin – Oct 2009 through early 2010
- Focus Group Sessions
 - ▶ 9 Focus Group sessions – Nov/Dec 2009 -- Jan 2010



Communication

- Formal Scoping Sessions mid-2010
 - ▶ Series of formal scoping sessions throughout basin (7 to 10 scoping sessions – after Apr 2010)
 - ▶ Provide input to formal scope for study and on-going external organization involvement plan – by Sep 2010
- On-going Coordination Throughout Study
 - ▶ In-progress reviews, public meetings, web site, public information notices, etc.



Communication

- MRAPS Website
 - ▶ www.MRAPs.org
- On-going Coordination Throughout Study
 - ▶ Progress status information, public meetings, public information notices, etc.
- Lynn Heng
 - 402-995-2680
 - lynn.m.heng@usace.army.mil



Interviews and Focus Groups

- Situation Assessment/Pre-Scoping – (enhance involvement in situation assessment)
- 3rd Party Assessment
 - ▶ Info for Developing Future Public Interaction Framework
 - ▶ Major issues and concerns for assessment going into scoping



Focus Group Meetings

To Be Finalized

- Kansas City, KS 19 Nov
- Bismarck, ND 8 Dec
- Tribal Event TBD
- St. Louis, MO 12 Jan
- Omaha, NE 14 Jan
- Pierre, SD 26 Jan
- Billings, MT 28 Jan
- New Orleans, LA 9 Feb
- Memphis, TN 11 Feb



Focus Group Format

- General Approach
 - ▶ 5:30-7:30pm (example)
 - ▶ ~30 min Public Involvement Process Design
 - ▶ ~60 min Issues/Concerns
 - ▶ ~30 min Public Comment
- If you want emphasize your interest in being part of Focus Group or Interviews
 - ▶ Contact: Lynn Heng 402-995-2680
lynn.m.heng@usace.army.mil



???? QUESTIONS ?????



Kansas City, KS

November 19th

- Location: Auditorium Main Branch,
Public Library
625 Minnesota Ave
- Time: 5:30-7:30 pm

