

**MISSOURI RIVER  
CORE PLANNING GROUP (CPG)/SITUATION ASSESSMENT  
COORDINATING COMMITTEE MEETING**

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
905 N. 5<sup>TH</sup> ST., KANSAS CITY, MO 66101  
MAY 9-10, 2005**

**General Meeting Summary**

**Opening and convening:** Meeting was opened by Jim Gulliford, Regional Administrator for US Environmental Protection Agency (EPA), Region 7, and convened by Mike Eng, US Institute of Environmental Conflict Resolution (ECR).

**Attendees:** *See attachment A.*

**Facilitators:** Chris Moore, Mary Margaret Golten and Joe McMahon, CDR Associates

**Listing of Key Topics from Days 1 and 2, and Action or Results**

<b>Discussion Topic</b>	<b>Action or result</b>
Who is here and what are our respective roles? How is this process structured?	Discussion and Q&A
How do we make decisions in this process? What is consensus decision making?	Consensus explained and rationale discussed
How shall we nominate persons or institutions for the Plenary Group?	Discussion, process proposed and used resulting in nominations for Plenary Group <i>See Attachment B for membership list</i>
Plenary Group nominations and assessment of how whether the group seems to have fair representation at the table.	Group recommendations for representation of key interests made and accepted. Group made adjustments to ensure fair representation and also keep Plenary Group membership close to 50 persons, not including alternates.
Listing of the key interest groups that should be considered in this process, including: Flood Control, Hydropower, Power (thermal), Navigation, Water Supply, Irrigation, Recreation, Fish & Wildlife, Water Quality, Agriculture, Riparian Landowner,	Discussion and acceptance of the list of key interest groups. Groups are listed in the left column.

Discussion Topic	Action or result
Conservation/Environmental, Bank Stabilization, Socio/Cultural Resources, Federal Government, Tribal Government, State Government, municipalities, Upper Basin, Lower Basin.	
What could be considered to be a “framework” for Spring Rise criteria for recommendation?	Presentation of a possible framework and Q&A <i>See Attachment C for framework handouts.</i>
What forms of Monitoring and Evaluation of this work are needed?	Discussion, Q&A, list of ongoing Missouri River studies (See text below.)
What Technical Working Teams may be useful to the Plenary? Who should be on those Technical Working Groups?	Group recommendation that three primary Technical Working Groups be proposed, with possible subgroups. <i>See Attachment D for list of proposed groups and possible members.</i>
Setting of meeting dates and locations.	Completed <i>See Attachment E for schedule.</i>
Overview of the MRRIC process.	Discussion and Q&A A number of members volunteered to serve as a Advisory Group for the MRRIC Situation Assessment Process <i>See Attachment F for that list.</i>

## Detailed Meeting Summary

### Day I

#### Welcome, Introductions and Agenda Review, Role of USIECR and Facilitators

The meeting was convened at 1:00 pm with a welcome from Jim Gulliford, EPA Regional Administrator and representatives of the funding agencies.

Chris Moore, the Lead Facilitator from CDR Associates, facilitated introductions of the participants. Joe McMahon, Co-Facilitator reviewed and gained approval of the agenda.

Moore explained that the purpose of the Core Planning Group, and this meeting, was to prepare for and reach agreement on procedural proposals to be submitted to the Plenary Group, the key deliberative body mandated to develop recommendations for the Spring Rise (SR). These recommendations will be submitted to the U.S. Army Corps of Engineers. He then proposed, and the group approved, discussion guidelines to guide the discussions at the Core Planning

Group Meeting. (Discussion guidelines can be found on page 8 of the “Operating Protocols” document mentioned below.)

### **Clarification of Roles and Responsibilities in the Initiative to Develop a Proposal for a Spring Rise and to conduct a Situation Assessment on the feasibility of establishing a Missouri River Recovery Implementation Committee (MRRIC)**

*Background information.* A wide ranging discussion included:

- ◆ USIECR—its role and location
- ◆ Situation Assessments (proposed for use with MRRIC) – what are they and how are they undertaken. This is a preliminary look at a conflict situation, outlining interests and describing possibilities for how to proceed. Plenary group members will be interviewed about both Spring Rise and the Situation Assessment for the Recovery Implementation Committee.

#### *Partnership of the COE and FWS.*

Rose Hargrave, of the US Army Corps of Engineers (COE), and Charlie Scott, of the US Fish and Wildlife Service (FWS), described where we are on Spring Rise and the 2003 amended Biological Opinion (BioOp). COE and FWS explained that, although this is typically a regulator-regulatee relationship, the needs and complexity of the Missouri River suggest that COE and FWS must work as co-leaders and partners in this work. COE and FWS will continue as integral part of the process, which will help to assure that recommendations from the Plenary Group are more easily accepted. Key issues of the COE and FWS discussion were:

- ◆ The Spring Rise process provides stakeholders with an option to design a Spring Rise plan. The SR and MRRIC processes provide stakeholders with a day to day involvement in how to manage the recovery of the river.
- ◆ The 2003 BioOp is the fall back plan, but, as a fall back, it is not complete and decisions need to be made even within the 2003 BioOp.
- ◆ This SR process should recommend criteria (subject to adjustment) that can describe the SR for a number of years.
- ◆ When SR recommendations come from the Plenary Group and are accepted, the Record of Decision (ROD) and Master Manual will be amended.
- ◆ COE must have this recommendation in hand by August 1 because the Annual Operating Plan must be published by August 31. Criteria must be evaluated even if the Spring Rise is not implemented in 2006.
- ◆ Both the COE and the FWS want to work on realistic long term plans.

In addition to the COE and FWS, EPA, NPS and other federal agencies will be participants in this process.

## **Clarification of Participation Structures for Stakeholder Involvement, Deliberations and Development of a Proposal for a Spring Rise**

Moore described the various deliberative bodies that will be involved in the Spring Rise Process (See diagram attached to these meeting notes, as well as description of bodies in Draft Protocol and Groundrules, which is also attached.) The main deliberative group mandated to develop a recommendation on the Spring Rise that will be submitted to the COE is the Plenary Group. This body will be composed of a cross section of representative stakeholders in the basin. The Plenary Group will be assisted by a number of Technical Working Groups which it may establish to work on solutions to specific technical and socio-economic issues.

The Plenary Group will also be informed by a number of caucuses that will represent the views of specific interest groups or governmental entities. Caucuses will feed information to the Plenary Group via their designated representatives who are sitting at the Plenary Group “table”.

Regarding public participation, CDR Co-facilitator, Joe McMahon, distributed a paper describing the design diagram and three elements of the program. Those include: public outreach and information (website, distribution of documents, responding directly to questions); opportunities for public input (at all meetings of Plenary and Technical Working Groups or at a meeting specifically for the public) and consideration of public input, involving compilation of comments and consideration of public input on the draft proposal..

Other proposals and comments on public input included the following:

- ◆ In Nebraska there will not be time for interest group caucuses to form unless they can be existing state caucuses. Interest group caucuses can be as formal or informal as is appropriate. It is important that each caucus has a representative of the caucus on the Plenary Group.
- ◆ There was discussion of some form of chat room on the web site, as well as the budget limits on ECR to pay for that effort.
- ◆ There was a general discussion about the role of the media. The Plenary Group may want to designate someone from the group or from CDR to act as liaison with the media. A press release should announce the existence of the website.
- ◆ Participants wanted to be sure that public input is heard by the Plenary Group and that notes from the meetings explain to the public how/when their comments were heard. Mike Eng encouraged the group not to oversell the public input/public involvement process, in light of the time constraints, and to recall the public input options that are already in place through normal COE deliberative processes.

***Ongoing or future litigation.*** Regarding ongoing litigation, CDR facilitators want to ensure full and open discussion. The group discussed the general practice to keep negotiations for settlement out of court. The Group authorized, by consensus, that CDR put such language into the Protocols and meeting summaries. Consistent with this direction to CDR, these meeting notes are presented with the following understanding:

*To encourage free and open discussion by representatives of institutions that have or may be involved in legal proceedings, all communications and documents created in this process are accepted by all participating persons or institutions to be part of compromise and settlement negotiations.. Therefore, members of the Core Planning Group, Plenary Group and Technical Working Groups agree not to use information revealed during the Spring Rise dialogue/negotiation process in any pending or subsequent legal proceedings for any purpose. Any institution participating may mark such documents to identify the documents as being prepared for use in this process. This limitation on use does not prevent the use in legal proceedings of information that is otherwise discoverable or admissible.*

CDR requests that you advise the facilitators if the text above is not consistent with your understanding of the agreement reached at the Core Planning Group meeting.

### **Discussion of Deliberation and Decision Making Procedures**

**Science.** There was a lengthy discussion regarding the use of science in this process, including the following comments:

- ◆ Some parties believe that there is a need for an independent, well-known and trusted science group or “science eye” to review the recovery proposals (although this may be too late for the August 2005 Spring Rise proposal).
- ◆ The COE noted that the science that led to the decision to have the Spring Rise is not open to deliberation.
- ◆ Adaptive management means that you continue to review and adjust to what is learned.
- ◆ There was a concern on the part of some participants that some “science” used to make the decision on a Spring Rise may not be sound or totally proven.
- ◆ It was important for the Plenary Group to understand that their job is not to re-create the wheel but rather to bring together information that’s already available.

**“Default.”** The “worst case scenario” is that the COE implements the 2003 BioOp, if there is not a consensus within the Plenary Group. There was some discomfort in the group that the Spring Rise science is not available, and it is not clear what implementation of the BioOp would look like.

**Use of consensus.** The Core Planning group agreed to recommend a consensus decision making process, as described in the Draft Operating Protocol and Groundrules, to the Plenary Group. There was further clarification that consensus does not involve voting. If consensus is reached, there is still room for a diversity of views to be expressed.

### **Proposal for a Process to Identify Members of the Plenary Group**

Mary Margaret Golten, also a CDR facilitator reminded the Group of a memorandum directed to them on May 3, asking them to provide “recommendations for potential members of the Plenary Group. She asked that they consult with one another that evening (between Monday evening and

Tuesday morning), and to bring back these names to the meeting the next day. She stressed that nominations should follow the following guidelines. Each nominee should:

- ◆ Be a credible representative (both internally and externally) of a party or stakeholder group;
- ◆ Have a clear and positive connection with, support and endorsement of her/his constituency or organization;
- ◆ Be able to articulate the issues and interests of his/her constituency or organization;
- ◆ Be able to listen well to and work with others who may hold different views;
- ◆ Have the ability to champion an agreement that has been fairly reached;
- ◆ Have the ability to settle issues and to garner the support of his/her organization;
- ◆ Have the time to attend all scheduled meetings; and
- ◆ Commit to following agreed upon Operating Protocols, including the use of consensus and the prohibition on use of statements from this process in litigation.

Mary Margaret explained that nominations would be presented at Tuesday's meeting (Day 2) and that the Core Planning Group would be requested to make a decision regarding membership of the Plenary Group.

A question was raised as to whether Core Planning group members could form the basis of the Plenary Group, with the addition of others to assure fair representation. Mary Margaret said that this was certainly a possibility.

### **Public Comments on Day I**

No members of the public had comments on Day I.

Note - The scheduled topic "Overview of the Initiative to Develop a Proposal for the Spring Rise, Technical Requirements and Legal Parameters" was cancelled due to time and moved to Day II.

## **Day II**

### **Insights and/or Questions from Day I, review of Day I's work, and Agenda Review for Day II**

#### **Recommendations and Agreements on Membership of the Plenary Group**

CDR proposed a process for identification and selection of Core Planning Group members who will also sit on the Plenary Group. There was a general discussion regarding the tentative number of members of the Plenary Group. Some concern was expressed about not having had adequate time to consider the membership of the Plenary Group, and having to work under significant time pressure.

The discussion indicated a wide variation in the status of group caucuses – some not yet formed and others operating quite well.

The discussion lead to the creation of a matrix of names and representational factors for use in selecting the Plenary Group including the following interests: Flood Control, Hydropower, Power (thermal), Navigation, Water Supply, Irrigation, Recreation, Fish & Wildlife, Water Quality, Agriculture, Riparian Landowner, Conservation/Environmental, Bank Stabilization, Socio/Cultural Resources, Federal Government, Tribal Government, State Government, Municipalities, Upper Basin and Lower Basin.

In a wide ranging discussion, The Core Planning Group also considered the following topics:

- ◆ Should there be other agencies involved, in addition to the federal funders?
- ◆ Discussion of the tribes' decision from the day before to have a total representation of 12 representing the 29 tribes.
- ◆ Agreement that States should be asked to recommend one or two representatives. (The two MRNRC and two MRBA members of the CPG will work together to identify State representatives.) Todd Sando and Mike Wells (MRBA) and Wayne Nelson-Stasny and Gene Zuerlein (MRNRC) will provide information to CDR this week.
- ◆ The CDR goal for the total number of Plenary Group members is approximately 50.
- ◆ Commitments by other individuals to contact persons or agencies nominated by the Core Planning Group to be on the Plenary Group, to gain their agreement to participate, are found on
- ◆ The recommended list of candidates (individuals or institutions), see Attachment B.

### **Discussion and a Proposal for a Framework and Questions related to a Spring Rise to guide the First Plenary Group Meeting**

Joe McMahon facilitated a discussion about: (1) a possible framework for Spring Rise criteria for a recommendation from plenary [see Attachment C], (2) monitoring and evaluation considerations, and (3) the composition of Technical Working Groups to assist the Plenary Group.

***Should the Plenary Group adopt guiding principles?*** Participants suggested that the Plenary Group discuss some broader principles or interests before addressing specific Spring Rise issues. This discussion included the following questions:

- ◆ Should the Plenary Group start out with looking at principles to guide decision making about the Spring Rise? Should such principles consider “do no harm” (whenever possible).
- ◆ How do we define harm? Are there increments? Harm to whom?
- ◆ Should the principles to address potential harm include “insurance policies?” What are parties' Best Alternatives to Negotiated Agreements (BATNAs)? Is the rise bi-modal? How much should the Spring Rise mimic the natural hydrograph of the river and natural flows?

***Criteria for the Spring Rise.*** The Group discussed several possible criteria for the Spring Rise such as:

- ◆ Defining a “stop – stop” protocol—meaning the circumstances under which the entire Spring Rise releases would stop because it was not effective.
- ◆ Defining parameters that might lead to a cancellation of the Spring Rise. (Do we have an option as to whether to do a Spring Rise, was asked.)
- ◆ Criteria for a bi-modal spring rise. Should there be a SR even if there is no snow melt? What kinds of adjustments for hydrology need to be made? Should you be able to draw on water in reservoirs from previous years to make a spring rise in a year where there would not normally be adequate water from either of the spring melts?

***Current Studies.*** The Plenary Group should be aware of the following current studies:

- 1) Pallid Sturgeon Population Assessment -USGS Study
- 2) Columbia Environmental Research Center Study
- 3) Pallid Sturgeon Habitat Study – States of NE, SD, MO, and others
- 4) Pallid Sturgeon Recovery Team – USFWS
- 5) Chute Monitoring
- 6) Study of Emerging Sandbar Habitat

Study descriptions, their start dates and information on data and conclusions, when they have been reached, are available. This information will put on the web site, and/or links made available.

***How broad is monitoring and evaluation?*** The Group discussed whether the Plenary Group should look only at species-related monitoring, or whether there should be a broader level of evaluation. The CPG also discussed the need for clarity in the criteria for decision making. The CPG wanted the Plenary Group to be aware of what information is available and to consider a range of other factors that may need to be observed or monitored. A brainstormed list included:

- ◆ All uses of the River (Flood Control, Hydropower, Power, Navigation, Water Supply, Irrigation, Recreation, Fish & Wildlife, Water Quality, Agriculture, Riparian Landowner, Conservation/Environmental, Bank Stabilization, Socio/Cultural Resources, Federal Government, State Government, Tribal Government, Municipalities, Upper and Lower)
- ◆ Potential economic impacts of flooding to landowners
- ◆ Erosion impacts
- ◆ Interior drainage impacts
- ◆ Power generation and thermal
- ◆ Recreation – economic impacts
- ◆ Impacts on groundwater
- ◆ Impacts on species of stocking or enhancement of shallow water habitat vs. impacts of spring rise
- ◆ Whether needs of the pallid sturgeon are time sensitive – length of time that it has taken to develop a program, and how timing of SR from year to year affects the fish
- ◆ Is it possible to recover the pallid sturgeon or not?
- ◆ Relationship between shovel nose and pallid sturgeon, and whether former can be used as an indicator for the latter
- ◆ Exotics and invasive species impacts on sturgeon

- ◆ Impacts of Spring Rise on other species, endangered or not, as well as exotics and invasive species – harm or benefit?
- ◆ Other activities that can stimulate spawning other than Spring Rise – temperature, turbidity, depth etc.
- ◆ Effects of Spring Rise on levies
- ◆ Navigation targets and impacts of Spring Rise on navigation
- ◆ Balancing harm to the fish with other benefits during diverse types of hydrologic years
- ◆ Acres of shallow water habitat lost or gained at varying flow rates and consequences on pallid sturgeon
- ◆ Bottom degradation and channel degradation that might result from a Spring Rise
- ◆ Where does water come from for Spring Rise, and potential water temperature impacts on the pallid sturgeon due to the source of water
- ◆ Transparency: Studies being done on the River must be available for MRRIC to be effective. At least for now, assure that start dates and descriptions are on the ECR website.

***Special considerations regarding impact during the three elements of the Spring Rise.*** There was a brief initial discussion of the hydrology regarding Spring Rise, as well as a discussion of factors/impacts of various rises and low water periods:

***Early Spring***

***Post Early Rise***

***Second Spring Rise***

Navigation targets  
Res & rec impacts

Loss of shallow water habitat  
(Tech Working Group)  
Channel erosion & sedimentation  
Water release temp  
Subsequent fall rises

***Hydrologic adjustments.*** The group discussed the hydrologic issues that the Plenary Group may need to consider. The following comments were raised for possible Plenary Group discussion:

- ◆ Should water levels throughout the year be examined, or just the Spring Rise? Scope should be clarified. Summer low flows? Fall releases?
- ◆ What issues should be evaluated immediately by the Plenary Group related to the Spring Rise, vs. what should be done as part of the MRRIC effort?
- ◆ Spring Rise cancellation: In any specific year, or cancellation of Spring Rise in general if it is determined to be ineffective? Should the Plenary Group identify the criteria for canceling a spring rise?
- ◆ The Plenary Group needs a clear presentation of the default plan, before discussing what should be done with the Spring Rise. There was a lengthy discussion about how specific the “default” plan is and where judgment should be applied in the default plan.
- ◆ The Plenary Group should consider charts/hydrographs regarding the differences among wet, dry and normal years and the effect on Spring Rise.

***The “default plan.”*** The CPG suggests that COE and FWS present their thinking on the default plan at the beginning of the June Plenary Group meeting, so that the Plenary Group has an understanding of general parameters of what COE will implement if the group cannot reach an agreement. It should be noted that the default plan does not have all issues answered. A presentation would describe agency sideboards, parameters in which a decision on a Spring Rise should be reached, details/ information that is known or not known, what issues are open to negotiation and where answers are needed from the Plenary Group.

***The pros and cons of discussing the “default.”*** The CPG discussed the benefits and burdens of presenting details of a default plan. A benefit for stakeholders is that “If we know what is in the COE pocket, we know our BATNA.” The down side of opening with the “default” seems to be that (a) the default in the 2003 BioOp has some large variables and (2) by discussing the default, will such a discussion dampen the Plenary Group’s creativity and “creative genius”?

***Possible topics for Plenary Group meeting #1.*** At the first Plenary Group meeting, Core Planning Group members would like to have:

- ◆ A description of the 2003 BiOp
- ◆ A description of the logic for the Spring Rise
- ◆ A description of the sideboards – scientific/legal/etc.
- ◆ A presentation of a framework that describes issues to be addressed and answered
- ◆ A description of the default plan (determine what level), and issues for which there are currently no answers
- ◆ A description of Adaptive Management and Monitoring and Evaluation
- ◆ Identification of the areas on which the Plenary Group wants to focus that might generate better solutions than the default plan

***What should be the focus for the Technical Working Groups?*** After discussion, the CPG recommended the following for the focus of Technical Working Groups:

- ◆ Water Technical Working Group (Quantity/Quality) – Focus on hydrology, inflows, outflows, flooding, erosion, systems, etc.
- ◆ Socio-Economic Technical Working Group – Focus on monitoring and evaluation of impacts on socio, economic, cultural, historical and recreational resources.
- ◆ Fish and Wildlife Technical Working Group – Focus on monitoring and evaluation of species, and also relationship to socio-economics.

The CPG also suggested that Technical Working Groups should be talking with each other before presenting to the Plenary Group.

Names of potential Technical Working Group members were solicited from the CPG. Nominees may be found in Appendix D.

***Timeline, Dates for Meetings and Locations.*** After discussion of dates and location for Plenaries and Working Groups and suggestions for balancing the locations with cost/travel/rooms, the CPG made the decision to recommend the dates and locations on Attachment E.

### **Goals and roles of the MRRIC.**

Mary Margaret Golten, CDR Associates, led a discussion of the goals and roles for the MRRIC, as well as how the Situation Assessment can help to achieve goals. She also identified the tasks associated with the Situation Assessment, including the identification and prioritization of critical issues to be the focus of the Situation Assessment, the identification of key stakeholder groups and stakeholders to be involved in Assessment; criteria for selecting those to interview and timing of the interviews, the methods for keeping the public informed of the progress during Situation Assessment process, such as web site and e-bulletins, and the time line and deliverables for Situation Assessment.

***MRRIC issues for discussion.*** The group also brainstormed a list of issues to be considered by the MRRIC:

- ◆ What authority does the MRRIC have?
- ◆ How much of a role will the MRRIC have in shaping what happens on the River?
- ◆ Will or should the group have to go to Congress for implementation of a plan?
- ◆ What kinds of enabling legislation would be required?
- ◆ Recovery of communities along the river (human as well as Ecosystems)—what different legal systems would be required
- ◆ Should the plan be for a “Missouri TVA?”
- ◆ Are Interstate compacts needed or useful?
- ◆ Is there baseline data to measure recovery and define success?
- ◆ What is the composition of MRRIC in the long term? Same as for Spring Rise?
- ◆ Funding and sustained commitment for work of MRRIC is needed for several decades—Is that there?
- ◆ How can MRRIC be assured of transparent and independent data?
- ◆ Who administers Adaptive Management?
- ◆ MRRIC goals are patterned after the Glen Canyon and Colorado River work.
- ◆ What is success in this effort?
- ◆ What about funding travel for those who cannot afford to be involved in this work?
- ◆ How do basin economics fit into the MRRIC process?
- ◆ Is the CPG and PG a basis for ultimate MRRIC membership?

***Communications suggestion:*** Make sure all Plenary Group and Core Planning Group members have each other’s e-mail addresses.

Mary Margaret asked for volunteers to serve as liaisons and advisors to CDR, during the Situation Assessment. Eleven people agreed to serve as an Advisory Group. (*See attachment F.*)

***Public Input/Comments:*** No comments were made.

***Meeting evaluation:***

In response to questions from the facilitators, participants rated the meeting as follows:

**What they liked and what went well**—facilitators were good, helped the process; it was good to have lunch provided; small table arrangement and change of seating arrangement on Day II were both helpful; handouts were appreciated.

**What could have helped and what we should do next time**—encourage people to change seating each day; set aside more time for groups to caucus; put the meeting guidelines on the wall for reference; do field trips in conjunction with meetings; be sure to interview/listen to people who are closely connected to the River.

The meeting adjourned at approximately 4 pm on May 10, 2005.

**Attachment A – List of meeting attendees**  
**Core Planning Group Meeting**  
**Kansas City, May 9 & 10, 2005**

**Core Planning Group Members:**

Bill Beacom  
Bill Lay  
Bob Bacon  
Bob Riehl  
Brian Barels  
Chad Smith  
Charlie Scott  
Darrell Dorsey  
Dave Murphy  
Dawnette Owens  
Donald Jorgensen  
Gene Zuerlein  
George Cunningham  
Jim Berkley  
J.M. (Jim) Peterson  
Lanny Meng  
LeRoy Klapprodt  
Lynn Muench  
Mary Roth  
Mike Wells  
Rose Hargrave  
Steve Kelly  
Sue Jennings  
Todd Sando  
Tom Graves  
Tom Schrempp  
Wayne Nelson-Stastny

**Observers:**

Bill Bryan  
Dan Fuhrman  
Diane Bechman  
Gale Hutton  
Jason Skold  
John Bremser  
John Drew  
Richard McCollum  
Roy McAllister

**Facilitators**

CDR Associates  
♦ Chris Moore  
♦ Joe McMahan  
♦ Mary Margaret Golten  
  
U.S. Institute for Environmental Conflict Resolution  
♦ Mike Eng

## Attachment B – Proposed Plenary Group Membership (as of 5-17-05)

- ◆ **Bill Lay**, Missouri Levee & Drainage District Association
- ◆ **Bob Bacon**, Coalition to Protect the Missouri River
- ◆ **Bob Riehl**, Western Area Power Administration (Alternate: Nick Stas)
- ◆ **Boon Witmer or Buzz Matland**, Upper Basin Bank Stabilization (Responsible for making contact: Todd Sando)
- ◆ **Brian Barels**, Nebraska Public Power District
- ◆ **Chad Smith**, American Rivers
- ◆ **Charlie Scott**, U.S. Fish and Wildlife Service (Alternate: Mike Olson)
- ◆ TBD, Cheyenne River Sioux Tribe, SD (Reservoir Tribe)
- ◆ TBD, Crow Creek Sioux Tribe, SD (Reservoir Tribe)
- ◆ **Dan Fuhrman**, MO-ARK
- ◆ **David Murphy**, Conservation Federation of Missouri
- ◆ **Darrell Dorsey**, Board of Public Utilities (Kansas City)
- ◆ **Dave Koland**, Garrison Diversion Conservancy District (Responsible for making contact: Todd Sando) OR **Herb Dranz**, Upper Basin Irrigation (Responsible for making contact: Wayne Nelson-Stastny)
- ◆ **Diane Brandt**, Upper Basin Recreation (Responsible for making contact: LeRoy Klapprodt)
- ◆ **Don Jorgenson**, Missouri River Technical Group
- ◆ TBD, Farm Bureau or Corn Growers Association (Responsible for making contact: Lynn Muench)
- ◆ TBD, Ft. Peck, MT (Reservoir Tribe)
- ◆ **George Cunningham**, Sierra Club
- ◆ **Herb Dranz**, Upper Basin Irrigation (Responsible for making contact: Todd Sando & Wayne Nelson-Stastny)
- ◆ TBD, Iowa
- ◆ **Jason Skold**, TNC (by invitation)
- ◆ **Jim Berkley**, Environmental Protection Agency
- ◆ **Jim Dinsmore**, IA Audubon (Responsible for making contact: George Cunningham)
- ◆ **Jim Peterson**, Missouri River Bank Stabilization Association
- ◆ TBD, Kansas
- ◆ **Lanny Meng**, Missouri River Levee & Drainage District Association
- ◆ **LeRoy Klopprodt**, North Dakota Sportfishing Congress
- ◆ TBD, Lower Brule Sioux Tribe, SD (Reservoir Tribe)
- ◆ **Mike Wells**, Missouri
- ◆ **Howard Paul**, Missouri River Sedimentation (Responsible for making contact: Don Jorgensen)
- ◆ TBD, Montana
- ◆ **Larry Foster**, Omaha Municipalities (Responsible for making contact: Chad Smith) OR **Skip Meisner**, Souix City, SD (alternate) (Responsible for making contact: Don Jorgensen)
- ◆ **Todd Sando**, North Dakota
- ◆ **Gene Zuerlein**, Nebraska (Game & Parks)
- ◆ TBD, Omaha Tribe, NE (Below Gavins Point Tribe)
- ◆ **Rose Hargrave**, United States Army Corps of Engineers (Alternate: Mary Roth)
- ◆ TBD, Rosebud & Ogala Sioux Tribes, SD (Mni Wiconi Water System)
- ◆ TBD, Sac & Fox Nation, KS (Below Gavins Point Tribe)
- ◆ TBD, Santee Sioux Tribe, NE (Reservoir Tribe)
- ◆ **Wayne Nelson-Stastny**, South Dakota (DGF&P)
- ◆ TBD, Sisseton Wahpeton Oyate, SD & ND (Off-river aquifer)
- ◆ TBD, Standing Rock Sioux Tribe, SD & ND (Reservoir Tribe)
- ◆ **Sue Jennings**, National Park Service (Alternate: Wayne Workmeister)
- ◆ TBD, Three Affiliated Tribes, ND (Reservoir Tribe)
- ◆ **Tom Graves**, Mid-West Electric Consumers Association (Alternate: Lee Nelson)
- ◆ **Tom Schrempp**, Water One
- ◆ **Vic Simmons**, Mid-West Electric Consumers Association (Responsible for making contact: Tom Graves)
- ◆ **William Beacom**, Passenger Vessel Association
- ◆ TBD, Wyoming
- ◆ TBD, Yankton Sioux Tribe, SD (Reservoir Tribe)

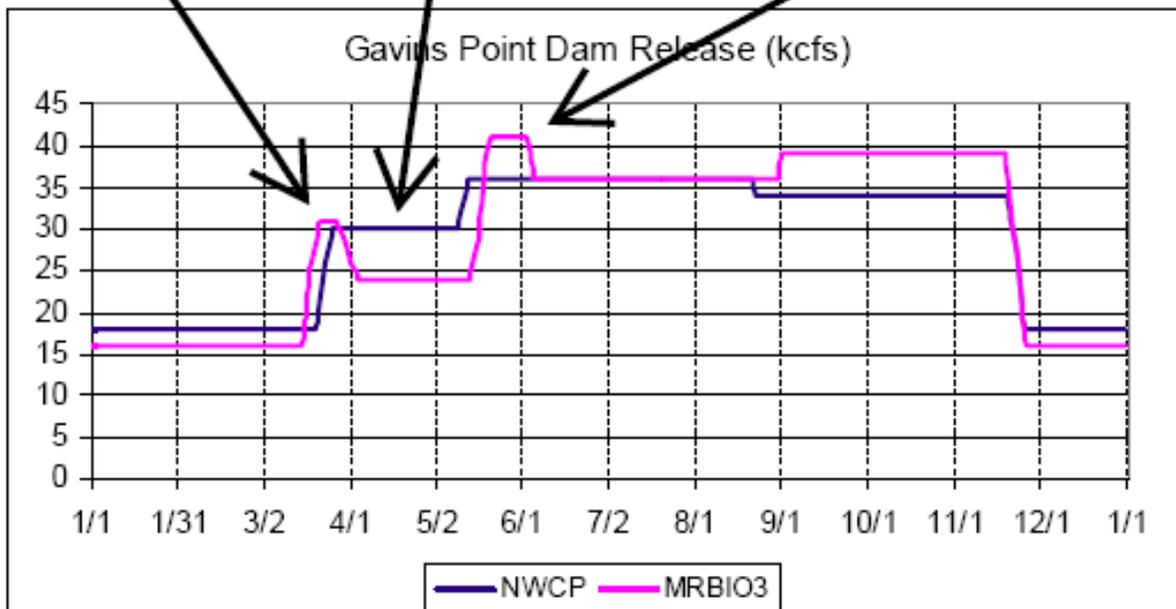
**Attachment C – Spring Rise Framework Handouts**

**Components of Spring Rise for Plenary Group Recommendation**

<b>Early Spring Pulse, First Bimodal Spring Rise</b>
Start date (alternate timing)
Peak flow rate
Ascending, peaking and descending
Adjustments for hydrology; variable rate
Cancellation (no rise option)
Other

<b>Post Early Pulse flow reduction (Following First Rise)</b>
Release rate
Adjustments for hydrology
Start date adjustments (no earlier, no later)
Effect of flood storage evacuation
Other (nonnavigation years, etc)

<b>Second Spring Rise, Second Bimodal Spring Rise</b>
Release rate
Stop protocols – drought
Start date
Duration, length and method of ascending and descending flow rate
Stop protocols – Lower River flood control constraints
Other



**Spring Rise Framework – A listing of the components of the Spring Rise**

Rev by McMahon on 07 May 05

#	#	Components of Spring Rise
1		<b>Winter release</b>
	1.1	Must be less than [release rate]
	1.2	Sept 1 System Storage
	1.3	Flood control evacuation needs by Mar 1
2		<b>Early Spring Pulse, First Bimodal Spring Rise</b>
	2.1	Start date (alternate timing)
	2.2	Peak flow rate
	2.3	Ascending, peaking and descending (7/7/7 up hold down)
	2.4	Adjustments for hydrology; variable rate
	2.5	Cancellation (no rise option)
	2.6	Other
3		<b>Post Early Pulse flow reduction (Following First Rise)</b>
	3.1	Release rate
	3.2	Adjustments for hydrology
	3.3	Start date adjustments (no earlier, no later)
	3.4	Effect of flood storage evacuation
	3.5	Other (nonnavigation years, etc)
4		<b>Second Spring Rise, Second Bimodal Spring Rise</b>
	4.1	Release rate
	4.2	Stop protocols – drought
	4.3	Start date
	4.4	Duration, length and method of ascending and descending flow rate
	4.5	Stop protocols – Lower River flood control constraints
	4.6	Other
5		<b>Summer Flow</b>
	5.1	Flow rate
	5.2	Start and end dates
	5.3	Nonnavigation years
6		<b><u>Fall Flow</u></b>
	6.1	Start date
	6.2	Flow rate
	6.3	End Date

## Attachment D –Proposed Technical Working Groups and Possible Members

### CORE PLANNING GROUP NOMINEES FOR TECHNICAL WORKING GROUPS

The following are the nominees suggested at the CPG meeting in Kansas City or in later communications with CDR (current as of 5/17/05).

#### Hydrology and Water Quality Issues

- ◆ **Bob Riehl**, WAPA
- ◆ **Bruce Englehardt**, NDSWC
- ◆ **Claude Strasser**
- ◆ **Dale Blevins**, USGS
- ◆ **Dan Jorgenson**, Missouri River Technical
- ◆ **Dr. David Galat**, USGS
- ◆ **Deb Madison**, Ft Peck
- ◆ **Doug Latka**, COE Rep from Mid-West
- ◆ **Jeff Shafer**, ND DNR
- ◆ **John Drew**, MODNR
- ◆ **John Dunn**, EPA
- ◆ **John Nichols**
- ◆ **John Shaddle**, NPPD
- ◆ **Mark Rath**, SD
- ◆ **Mike Saulk**, ND Health Dept
- ◆ **Paul Danks**, MWA Nation
- ◆ **Rick Heffer**, NPPD
- ◆ **Rick Ingles**, NPS
- ◆ **Rick Ingles**, NPS (Water Resources Div)
- ◆ **Robb Jacobson**, USGS
- ◆ **Robert L Pearce**
- ◆ **Roy McAllister**, USACE
- ◆ **Todd Sando**, North Dakota
- ◆ **Tyler Cole**, NPS

#### Monitoring and Evaluation of Fish and Wildlife Issues

- ◆ **Bill Beacom**
- ◆ **Bob Bacon**, CPR
- ◆ **Boyd Kynard**
- ◆ **Boyd Kynard**, Conte Anadromous Fish Center
- ◆ **Dr. Carl Korschgen**, USGS/CERC
- ◆ **Dr. David Galat**, USGS
- ◆ **Deb Madison**, Ft Peck
- ◆ **Doug C. Latka**, USACE
- ◆ **Fred Ryckman**, NDF&G
- ◆ **George Jordan**, USFWS
- ◆ **Gerald Mestl**, NE Game & Fish
- ◆ **Harold, Tyus**, University of Colorado at Boulder
- ◆ **Jane Ledmin**, MSFMS Columbia
- ◆ **Jason Lee**, NDG&F
- ◆ **Jim Jennings**, NPPD
- ◆ **John Shadle**, NPPD
- ◆ **Mike Mac**, USGS
- ◆ **Mike Ruggles**, MT FWP
- ◆ **Nick Stag**, WAPA
- ◆ **Paul Danks**
- ◆ **Rick Plettner**, NPPD
- ◆ **Steve Krentz**, USFWS
- ◆ **Steven Wilson**, NPS

#### Monitoring and Evaluation of Socio-economic Issues

- ◆ **Bill Jackson**
- ◆ **Bob Bacon**, CPR
- ◆ TBD, Corn Growers representative
- ◆ **Darla Helms**, WAPA
- ◆ **Deb Madison**, Ft Peck
- ◆ **Don (Skip) Meisner**, Sioux City
- ◆ TBD, FAPRI, Univ MO
- ◆ TBD, Farm Bureau Rep
- ◆ **Jim Peterson**
- ◆ **Larry Kilgoe**, COE
- ◆ **Mike Kella**, USD Business School
- ◆ **Nick Stas**, WAPA
- ◆ **Pat Fridge**, NDSWR
- ◆ **Paul Danks**, NHA Nation
- ◆ **Rochelle Renken**, MDC
- ◆ **Tim Ownes**, PDDG
- ◆ **Tom Graves**, Mid-West
- ◆ **Wayne Werkmeister**, NPS

**Attachment E – Meeting Schedule**

**DATES FOR SPRING RISE MEETINGS**

Rev: May 17, 2005

Meeting	Combined Plenary and Technical meeting at the site	Proposed Dates	Location
<b>Plenary Group Meeting I</b>	No	<b>June 1 (1:00 pm – 6:00 pm) and June 2 (8:00 am to 3:00 pm)</b>	<b>St. Joseph MO. (Missouri Western State University Student Union St. Joseph, Missouri)</b>
<b>Technical Group Meeting – I*</b>	No	<b>June 8 (1:00 pm – 5:30 pm) and 9 (8:00 am to 3:00 pm)</b>	<b>Minneapolis, MN</b>
<b>Technical Group Meeting – II</b>	Yes	<b>June 28 (8 am – 5:30 pm) June 29 (8 am – noon) (immediately preceding Plenary Group Meeting)</b>	<b>Bismarck, ND</b>
<b>Plenary Group II</b>	Yes	<b>June 29 (1 pm – 5:30 pm) June 30 (8 am – 4 pm)</b>	<b>Bismarck, ND</b>
<b>Technical Group Meeting – III</b>	No	<b>Week of July 18 – 22 (precise days within this week TBD)</b>	<b>TBD</b>
<b>Plenary Group Meeting III with Technical Group report out</b>	Yes	<b>Week of July 25 – 29 (precise days within this week TBD)</b>	<b>Omaha, NE. (National Park Service Mid-West Regional Office)</b>
<b>Public Meeting</b>	Yes	<b>Week of July 25 – 29 (precise date within this week TBD)</b>	<b>Omaha, NE. (National Park Service Mid-West Regional Office)</b>

Approximately two weeks have been allowed between each Technical Working Group Meeting to allow time for participants to gather and assess data and consult with their policy officials and constituents. Conference calls of Technical Working Group Members or subcommittees of this group may be conducted between face-to-face meetings.

## Attachment F - Advisory Group for Situation Assessment

- ◆ **Bob Bacon**, Coalition to Protect the Missouri River
- ◆ **Chadwin Smith**, Nebraska Field Office - American Rivers
- ◆ **David Murphy**, Conservation Federation of Missouri
- ◆ **Dawnette Owens**, Mni-Sose Intertribal Water Rights Coalition, Inc.
- ◆ **Gene Zuerlein**, Nebraska Game & Parks Commission
- ◆ **Jim Peterson**, Missouri River Bank Stabilization Association
- ◆ **Lanny Meng**, Farmer
- ◆ **Sue Lowry**, Wyoming State Engineer's Office
- ◆ **Tom Schrempp**, Water One & MO-ARK
- ◆ **Wayne Nelson-Stastny**, South Dakota Game Fish & Parks Missouri River Fisheries Center
- ◆ **William Beacom**, Passenger Vessel Association