

**ENVIRONMENTAL MANAGEMENT PROGRAM
COORDINATING COMMITTEE**

Fall Quarterly Meeting

November 15-16, 2000

AGENDA

**BACKGROUND
AND
SUPPORTING MATERIALS**

**Holiday Inn St. Louis Westport
St. Louis, Missouri**

**Environmental Management Program
Coordinating Committee**
November 15-16, 2000
AGENDA

Wednesday, November 15 Partner Pre-Meetings

- 3:30 – 5:00 p.m. **Corps of Engineers**
- 3:30 – 5:00 p.m. **State EMP-CC Members**

Thursday, November 16 EMP Coordinating Committee

- 8:00 a.m. **Call to Order** *Charlie Wooley, US Fish and Wildlife Service*
Introductions
- A 8:10 **Approval of Minutes of August 10, 2000**
Quarterly Meeting
- B 8:15 **Program Management** *Teresa Kincaid, Corps of Engineers*
• FY 00 Fiscal Performance Year-End Report
• FY 01 Appropriations and Allocation
- C 8:30 **Partnership Issues** *Teresa Kincaid, Corps of Engineers and Charlie Wooley, US Fish and Wildlife Service*
• Corps and Service Responses to States' Joint Letters

• Scopes of Work for Service Tasks
– Status
– Partner Review *Scott Whitney, Corps of Engineers*
- D 9:00 **Habitat Needs Assessment** *Scott Whitney, Corps of Engineers and Bob Clevestine, US Fish and Wildlife Service*
• Overview of HNA Report Submitted to MVD
• Partner and Stakeholder Feedback
• Next Steps
– Public Comment Opportunity
– Application of HNA
– Process, Schedule, and Priorities for Next Iteration of the HNA
- 10:00 **Break**

(Continued)

Thursday, November 16 EMP Coordinating Committee
(Continued)

- E 10:15** **HREP Prioritization Process** *Scott Whitney, Corps of Engineers*
- Status of Framework
 - Pool Planning
 - Project Fact Sheets
 - District and System Ecological Teams
- 11:15 **LTRMP** *Leslie Holland-Bartels, US Geological Survey and Scott Whitney, Corps of Engineers*
- FY 00 Accomplishments
 - Proposed Restructuring of the Fisheries Component
 - FY 01 Work Plan
 - Role and Expectations of the A-Team
- F 12:00** **EMP Public Involvement Strategy** *Scott Whitney, Corps of Engineers*
- Feedback from HNA Process
 - Future Public Involvement in HREPs, LTRMP, and HNA
 - Next Steps
- 12:30 **Other Business**
- Future Meeting Schedule and Agenda Items
- 12:45 p.m. **Adjourn**

Additional Attachments — Items Not the Subject of a Presentation

G **Corps Activity Report**

ATTACHMENT A

Minutes of the August 10, 2000 EMP-CC Meeting

**Minutes of the
Upper Mississippi River System
Environmental Management Program
Coordinating Committee**

**August 10, 2000
Summer Quarterly Meeting**

**Four Points Hotel Sheraton
Rock Island, Illinois**

Dusty Rhodes of the U.S. Army Corps of Engineers called the meeting to order at 8:05 a.m. on Thursday, August 10, 2000. Other EMP-CC members present were Charlie Wooley (USFWS), Leslie Holland-Bartels (USGS), Marvin Hubbell (IL DNR), Kevin Szcodronski (IA DNR), Steve Johnson (MN DNR), Gordon Farabee (MO DOC), Terry Moe (WI DNR), Dave Carvey (NRCS), and Al Fenedick (US EPA). A complete list of attendees is attached.

Minutes of the May Meeting

Terry Moe moved and Kevin Szcodronski seconded a motion to approve the minutes of the May 18, 2000 EMP-CC meeting as written. The motion carried unanimously.

Announcements

Dusty Rhodes announced that John Blankenship has assumed other responsibilities within Region 3 of the Fish and Wildlife Service. Rhodes introduced Assistant Regional Director Charlie Wooley, who is replacing Blankenship as the Service's representative on the EMP-CC.

Holly Stoerker noted Rhodes' pending retirement. She thanked him for his leadership and presented him with a card conveying the program partners' best wishes for his retirement.

Rhodes also announced a series of changes in Corps leadership. General Ballard retired last week, and President Clinton has nominated General Flowers to replace Ballard as Chief of Engineers. This nomination is subject to Senate confirmation. General Anderson will be leaving MVD in September to assume command of the South Atlantic Division. General Arnold will replace Anderson at MVD. Rhodes also reported that General Fuhrman will be retiring and General Turner will replace him as Deputy Chief of Engineers.

Program Management

FY 00 Fiscal Performance

Leo Foley reported that the EMP's expenditures through June 30 totaled \$9.162 million. This represents approximately 50 percent of the \$18.438 million in total expenditures scheduled for the year. HREP expenditures through June totaled \$4.568 million, compared with scheduled expenditures for the year of \$11.566 million. LTRMP expenditures were \$4.584 million,

compared with annual scheduled expenditures of \$6.748 million. Obligations through the end of June totaled \$6.879 million for HREPs and \$6.555 million for LTRMP. Foley noted that expenditures are a bit behind pace, but expressed confidence in the EMP's fiscal performance prospects for the year. According to Foley, obligation rates are good and current construction activity is high. In response to a question from Steve Johnson, Foley indicated that all items on the LTRMP's original FY 00 overtarget list were funded through transfers earlier in the fiscal year. However, Foley said USGS is reporting some additional overtarget capability. As a result, additional money may be transferred to the LTRMP if the habitat program cannot expend fully.

Terry Moe noted that part of the Pool 11 Islands project was deferred due to funding constraints. He asked whether this work could be advanced if some other HREPs are behind schedule in their expenditures. Foley said he would explore this possibility.

Rhodes emphasized the importance of the EMP's FY 00 fiscal performance. He explained that MVD and the districts were aggressive in seeking to restore cuts that were made to all Corps construction projects and in protecting the EMP from funding recalls. As such, it is essential for the EMP to execute fully. Rhodes urged all program partners to do what they can to ensure full expenditures.

FY 01 Funding Outlook

Foley noted that the FY 01 energy and water appropriations bill (H.R. 4733) is pending. The President requested \$18.0 million for the EMP, while the House-passed bill includes \$21.0 million. The Senate Appropriations Committee has approved \$17.0 million. Foley said the \$17.0 million level would result in cuts to the LTRMP and delays in some HREP projects. He estimated that the \$18.0 million level would not necessitate cuts or delays. At \$21.0 million, the EMP could start to gear up for potential future funding increases. According to Foley, the Corps' plan under any of these funding scenarios would be to deduct savings and slippage and administrative costs from the total appropriations amount. The balance would then be allocated between HREPs (68.6%) and LTRMP (31.4%). The allocation of HREP funds among the districts would tentatively be based on the existing formula (i.e., MVP 35%, MVR 40%, and MVS 25%). (See attached for the details of this approach).

In response to a question from Moe, Foley noted that WRDA 99 authorizes the Corps to transfer up to 20 percent of the LTRMP or HREP allocation to the other component in any given year. Foley observed that it could be difficult to achieve a consensus among the program partners to protect one side of the program at the expense of the other in the event FY 01 funding falls below \$18.0 million. Rhodes said the MVD Commander would seek input from the program partners before allocating funding between the two components if the final appropriation falls below the target baseline.

MVD Directives re Implementation Guidance

Rhodes reported that General Anderson has not yet issued directives regarding the May 12 EMP implementation guidance from Corps headquarters. According to Rhodes, aspects of the May guidance that affect immediate program implementation, such as delegation of authority, are being implemented. Other provisions, such as those relating to the independent technical

advisory committee and the public involvement strategy, may be affected by pending legislation and thus are being deferred at present. Rhodes specifically cited proposed Corps reform legislation as potentially complicating implementation of the headquarters EMP guidance.

Partnership Issues

Corps' Response to Service's Funding Request

Leo Foley noted that Marv Moriarty's February 3, 2000 letter made three requests to the Corps:

- 1) transfer EMP funds to support the Service's HREP planning role,
- 2) assist with rehabilitation of damaged or defective projects after project transfer, and
- 3) provide O&M funds.

General Anderson's June 12 reply expresses the Corps' willingness to transfer money to the Service for specific tasks that support HREP program management. Citing lack of authority, Anderson's letter declines to provide funds for major rehabilitation or HREP O&M. It does leave open the possibility, on a case-by-case basis, of using EMP funds to address design deficiencies that are discovered after project completion.

Scopes of Work for Service Tasks

Foley reported that he is working with Dan Stinnett on the transfer of funding from the Corps to the Service for various HREP management tasks. Foley said he anticipates that the Corps will issue individual work orders for the Service to prepare Fish and Wildlife Coordination Act Reports (CARs) for habitat projects. Construction management support for projects on refuge lands and plan formulation support for projects on refuge and non-refuge lands will likely be done under annual work orders. Transfer of funds to the Service for HREP program management will be initiated in FY 01. Foley said the state partners will have an opportunity to review the scopes for this work before they are finalized. He estimated that the SOWs will be circulated for review in September.

Marvin Hubbell asked how the Corps plans to budget for the Service's program management tasks. While a final decision has not been made, Foley said he anticipates that plan formulation and construction management costs will be deducted off of the top of the HREP allocation. The costs of CARs will likely be charged against individual projects. Gordon Farabee asked how the Service will be involved in plan formulation for non-refuge projects. Foley explained that funding for plan formulation on non-refuge projects will cover the Service's costs for activities such as attending meetings and providing input on National Environmental Policy Act questions. Foley said that both the Corps and the sponsor state will benefit from the Service's plan formulation work on non-refuge projects.

Responses to States' Joint Letters

Dusty Rhodes said the Corps only recently received the states' joint letter to General Van Winkle and thus has not yet prepared a response. Terry Moe said Wisconsin plans to urge

members of the Mississippi River Commission to support increased EMP appropriations. As part of this effort, Wisconsin will provide the MRC with copies of the states' letter to Van Winkle.

Marvin Hubbell asked about the status of the Service's response to the states' letter to Director Clark. Charlie Wooley said the director's office is reviewing a draft response and will be responding shortly.

Jon Duyvejonck asked whether the Corps might be able to fund HREP O&M on refuges as a reasonable and prudent alternative (RPA) under the Endangered Species Act. Rhodes noted that the Corps can implement RPAs under various authorities. Rhodes said he believes that the authority for each individual program would govern the construction and O&M of any RPA implemented under that program. Under this logic, the EMP's O&M requirements would apply to all HREPs, including those that contribute to RPAs. Rhodes acknowledged that this is a complicated issue and said the Corps' attorneys will be reviewing the question.

Habitat Needs Assessment

Mike Thompson reported that the HNA Technical Report is approximately 95 percent complete, with work remaining in the sections on migratory birds and desired future conditions. He estimated that the public involvement effort is about 90 percent complete and the HNA Summary Report is approximately 80 percent complete.

Bob Clevestine reported that a series of 10 public involvement focus group meetings was completed on August 4. Focus group participants were self-selected from among several hundred individuals who received invitations to the meetings. They included representatives of environmental, navigation, and agricultural interests as well as individual landowners and members of the general public. Employees of state and federal agencies were asked not to participate in the focus groups. Each meeting was limited to 12 participants and included a heterogeneous mix. Participants were given a brief overview of the HNA and then asked to discuss their understanding of the assessment, desired future conditions for the river, and preferences regarding future involvement in the HNA and the EMP more broadly.

Clevestine briefly summarized some of the major points emerging from the focus groups. According to Clevestine, participants generally reported understanding the basic approach used for the HNA and found it to be reasonable and logical. A number of people said there was too much information presented in too little time and suggested that more background materials be provided in advance of the sessions. While some participants said there was too much detail, others suggested that there was not enough information. Overall, participants said they preferred the focus groups to an open microphone public meeting format. With regard to future involvement in the EMP, people expressed interest in being involved at all levels of the program. In response to a question from Gordon Farabee, Clevestine said people on the northern part of the UMRS generally seemed to have a greater understanding of the EMP than those further downstream. Farabee attributed this, at least in part, to the lack of HREPs on the Open River.

Thompson outlined the following remaining steps for the first iteration of the HNA:

- Distribute draft Overview/Summary Report to the EMP-CC (8/28/00)
- Comments on the draft Overview/Summary Report due (9/6/00)
- Distribute final draft Overview/Summary Report, with layout, to the EMP-CC (9/12/00)
- Comments on the final draft Overview/Summary Report due (9/15/00)
- Final HNA draft submitted for proofs (9/19/00)
- Final HNA draft submitted to MVD (9/30/00)
- Distribution of final HNA Overview/Summary Report and Technical Report (12/00)

Clevenstine acknowledged the hard work of Chuck Theiling, Jason Rohweder, Tim Fox, and Hank DeHaan and thanked them for their contributions to the HNA.

Thompson said the report has been coordinated with partner agencies through the HNA Technical Committee and said he anticipates that remaining comments will be primarily editorial in nature. Marvin Hubbell cautioned that program partners will likely want to offer more than editorial comments on some aspects of the report. Specifically he asked what recommendations the report will include regarding desired future conditions and future public involvement, noting that these are important issues on which Illinois would likely offer substantive comments. Other state EMP-CC members also voiced concerns regarding the limited review time under the schedule outlined by Thompson. Dusty Rhodes emphasized that the September 30, 2000 deadline for the HNA is established in law, but said that the Corps is prepared to exercise its management discretion if the assessment is not ready for submission to MVD by that date.

Barb Naramore noted that the schedule does not include any provision for public review and comment. According to Naramore, participants in the public focus groups expressed some frustration with their limited input on the HNA and the EMP more generally. She recommended that the HNA report be circulated for public comment. Rhodes said time constraints preclude a public comment period if the report is to be submitted to MVD by September 30. He said the Corps would instead solicit public input on the version that is published after MVD review and committed to revising the assessment as needed based on that public input. Rhodes said the published report will describe this plan for public review.

In response to a request from Hubbell, Thompson and Clevenstine said they would distribute the desired future conditions section of the draft report to the states as soon as possible. Moe asked how information from the HNA public involvement process will be used to help inform the HREP prioritization process. Thompson noted that public input was quite diverse. Clevenstine said he would report on the substance of that input at the next EMP-CC meeting. Dan McGuinness urged that the HNA summary report describe the next steps for public input on the first iteration of the HNA and public involvement in the EMP.

Moe asked how the first iteration HNA will be used in HREP prioritization. Leo Foley emphasized that the first HNA will not identify a specific list of habitat projects. However, he expressed optimism that it will prove to be a useful tool in identifying critical habitat needs during pool planning and the identification and design of individual projects. Moe said he

would like to discuss the issue further, including what weight will be given to the HNA, particularly in the system-level ecological evaluation of projects.

Jim Harrison reiterated the Minnesota-Wisconsin Boundary Area Commission's objections to the use of focus groups as part of the HNA public involvement process. He described focus groups as selective and exclusionary and said commissioners were concerned that interested members of the public did not have an opportunity to participate. Harrison emphasized that the Boundary Area Commission supports the EMP and the HNA, but is very concerned with the process employed in the HNA. According to Harrison, citizens primarily want to be involved with the EMP at the local, individual project level.

New GIS Tools for HREP Planning

Leslie Holland-Bartels reported that UMESC staff have made several significant improvements to the HNA Query Tool, incorporating programming advances and new modeling software. According to Holland-Bartels, these updates allow users to draw on more data sets in assessing habitat suitability, thereby generating more accurate estimates of habitat quantity and location. As an example, she noted that the original HNA Query Tool clearly over-predicted paddlefish habitat. Models of habitat suitability that consider bathymetric and flow conditions yield far more accurate predictions, as evidenced by comparisons with fisheries monitoring data. Tim Fox demonstrated the enhanced tool, showing how it has been used to predict habitat suitability for waterfowl in the Pool 8 Islands Phase III area. A 3-d model uses bathymetric data to provide refined habitat predictions, which are then compared with observed flock locations. Holland-Bartels said such applications are currently limited by lack of data, particularly by the lack of systemic data for key parameters, including bathymetry and flow.

Terry Moe observed that the enhanced Query Tool is quite helpful in informing the public about proposed habitat projects. Holland-Bartels concurred and also highlighted the tool's usefulness in facilitating coordination and dialog between biologists and engineers involved in HREP design. She noted that there are many potential users of the tool. Jason Rohweder explained that the GIS data and Query Tool will be available via CD and UMESC's ftp site. Holland-Bartels said UMESC will develop a fact sheet about the tool, including information on how to access it. In response to a question from Gordon Farabee, Holland-Bartels said UMESC is working with the St. Louis District to obtain the district's bathymetric data for the Open River. Rohweder indicated that there are some format differences that have delayed use of this data in the Query Tool.

Moe emphasized the importance of coordination between UMESC, with its data and analysis tools, and the Corps' districts, which have the lead for HREP planning. Holland-Bartels agreed and reported that UMESC has already taken initial steps to coordinate with the districts. She stressed that the districts and other potential users will need to become self-sufficient with the tool, noting that UMESC does not have the resources to provide extensive support. Scott Whitney said he anticipates there will be a series of GIS outreach and training workshops to ensure that personnel in the Corps, the states, and the Service have the skills needed to use the Query Tool effectively. Farabee reported that Missouri and the St. Louis District have scheduled a September meeting to discuss GIS coordination. He invited USGS to participate in the meeting.

HREP Prioritization

Leo Foley displayed a flowchart depicting the May 1 draft HREP prioritization framework. He summarized major comments he has received on the draft framework, including recommendations to delay finalizing the framework until after the first iteration of the HNA is complete. Foley noted that several people also asked about the composition of the System Ecological Team. Per General Anderson's directive, the MVD Commander will approve the prioritization framework before it is implemented. While the MVR has not yet formally submitted the framework to MVD for approval, Foley said the division has provided informal feedback and has not suggested any specific changes.

Foley noted that MVP and MVR already have groups in place (i.e., the Fish and Wildlife Work Group and the Fish and Wildlife Interagency Committee) that can function as the Stage I District Ecological Teams proposed in the draft framework. He said MVS is in the process of developing a similar group. Foley reviewed the process he anticipates under the new HREP prioritization framework. As a first step, he said he expects each of the District Ecological Teams will develop pool plans that will identify objectives and opportunities for each pool. These plans will not be specific to the EMP or any other single program. Based on criteria that they have developed, the district teams will then use these pool plans, the HNA, and other tools to review and prioritize potential HREPs. The district teams will forward their lists of prioritized HREPs to the Stage II System Ecological Team. Foley said there are many perspectives on the composition and duties of the system team and said he plans to consult with various EMP partners on these issues. He suggested that the system team should include scientists from both within and beyond the region who have expertise in ecology, hydrology, geomorphology, water quality, hydrogeology, and river engineering. Foley explained that, once the System Ecological Team is established, its members will be asked to develop criteria for prioritizing the HREPs submitted by the district teams.

In response to a question from Dick Steinbach, Dusty Rhodes said there is no link between the draft HREP prioritization framework and the independent technical advisory committee called for in the EMP reauthorization. However, Rhodes observed that proposed Corps reform legislation, the independent technical advisory committee, and the HREP prioritization process all have the potential to affect the EMP. He explained that the Corps is anxious to ensure coordination among any of these initiatives that move forward. For this reason, MVD is delaying action on the independent technical advisory committee and requiring division approval of the prioritization process.

Steve Johnson noted that the Fish and Wildlife Work Group (FWWG) MVP has prioritized proposed HREPs based on biological factors and then forwarded its list to the River Resources Forum (RRF), which has considered policy and administrative issues. In response to a question from Johnson, Foley explained that the Stage III Program Planning Team, comprised primarily of EMP-CC members, is tasked with administrative and policy review under the draft framework. Terry Moe expressed concern that the review currently conducted at the district-level by the RRF is too detailed for Stage III. He said this detailed review should be done before projects are advanced beyond Stage I. Foley clarified that the Stage III administrative and policy review will not necessarily be done at EMP-CC meetings. Barb Naramore noted that the draft prioritization framework specifically indicates that it is not intended to alter the relationship between the FWWG and the RRF. Thus, the framework would not preclude the

RRF from reviewing the FWWG's project list before that list is forwarded to the System Ecological Team.

Moe expressed concern with Foley's description of the HNA as "a primary tool used to determine [habitat] needs that will be addressed" [See issue write-up in August meeting packet.] Foley acknowledged the first iteration of the HNA has many limitations and explained that the goal is for the HNA eventually to become a primary tool. He agreed with Moe that the HNA does not yet support such use.

In answer to a question from Jeff Stein, Foley indicated that MVR plans to submit the HREP prioritization framework to MVD in September 2000, at the same time it forwards the HNA report. This will allow the division to consider the two documents simultaneously. Rhodes said the Corps will not act on the independent technical advisory committee language while the Corps' FY 01 appropriations bill and the 2000 WRDA are pending before Congress because of the potential for Corps reform language in both bills. He said MVD also wants to have the HREP prioritization framework established before it considers the technical advisory committee. Stein said he did not see how the proposed Corps reform legislation would affect the EMP, noting that it would establish review requirements for large and/or controversial projects. As such, Stein said there does not appear to be any need to delay action on the EMP independent technical advisory committee. Rhodes declined to comment on the specifics of any Corps reform language, noting that there are several proposals circulating.

Marvin Hubbell asked how HREP planning starts will be initiated under the prioritization process. Foley said he expects a fair number of new projects will be proposed in FY 01 and planning will be started on some of those projects, based on their priority. However, as additional insights are gained and more projects are proposed in FY 02, Foley said he anticipates that there will be some reprioritization of projects. Hubbell said the states need clarification from the Service regarding how to proceed with potential HREPs on refuge lands. Charlie Wooley said he hopes the Service will respond to the states' letter on this issue within the next few weeks.

Foley reported that Don Powell has developed a draft fact sheet template for new HREPs. Moe and Johnson expressed concern that the draft template appears to require significantly more information than does the current fact sheet format. They noted that this could increase the time and money required to develop fact sheets. Hubbell endorsed the goal of having more information in the fact sheets. He said it is critical for project proponents to consider carefully the items covered in the draft template, particularly project goals and objectives. Gordon Farabee concurred that the revised fact sheet would require more work but said he thought the effort would be worthwhile. Foley said he envisions that the Corps districts would contribute a substantial amount of the information required for the new fact sheets. He said the Corps will consult further with program partners prior to finalizing the fact sheet format.

Fish and Wildlife Work Group Pool Planning

Tim Schlagenhaft described the FWWG's pilot pool planning initiative, which he said is an effort by river managers on the MVP portion of the UMR to articulate a common vision for the river. He explained that the FWWG's pool plans will not be exclusive to the EMP or any particular program and will not specify a timeframe for implementing the managers' vision.

Schlagenhaft presented overheads showing the FWWG's pilot planning effort for Pool 5. He said the group used 1989 land cover/land use data to establish baseline conditions and then identified its desired conditions using the same classifications. Goals for Pool 5 including restoring over 5,000 acres of agricultural land to floodplain vegetation, increasing emergent and submergent vegetation in the Weaver Bottoms area, creating a configuration of islands similar to what existed in the 1940s, accounting for the process of delta formation, and increasing overwintering areas for fish. Techniques for achieving these goals could include land acquisition, conservation easements, summer drawdowns, and dredging. Schlagenhaft emphasized that this Pool 5 plan would be pursued under the full range of available programs and authorities. After completing its pool plans, the FWWG also will prepare a river reach document that describes the commonalties among the pool plans.

Schlagenhaft said the FWWG views its pool planning effort as complementing the HNA. He noted that the Query Tool will be quite useful in identifying the best opportunities to accomplish the goals identified in the pool plans. Terry Moe asked how the public will be involved in the FWWG's pool planning efforts. Schlagenhaft said the group is considering two approaches, one of which involves consulting the public at the outset and the other of which calls for managers to prepare a draft pool plan and then seek public comment.

Mike Thompson said the pool planning approach described by Schlagenhaft should be very useful in HREP planning. Bob Clevenstine reported that MVR's Fish and Wildlife Interagency Committee (FWIC) will also be developing pool plans. Clevenstine said he anticipates that the effort will result in a recommended sequence of actions based on ecological needs. The recommended sequence will also reflect the logical interrelationships among the steps (e.g., spawning areas and overwintering habitat may need to be created in tandem if both are in short supply).

Schlagenhaft noted that some pool plan goals will involve construction activities such as dredging and island creation. Other goals will require acquisition of land or easements. He said acquisition opportunities are generally unpredictable and relatively infrequent. For example, there is often significant interest following a flood, but then little interest after people have invested time and money in recovering from the flood. In contrast, most habitat construction activities can be planned well in advance and deferred if necessary with relatively little impact. Given these considerations, Schlagenhaft emphasized the importance of maintaining flexibility in programs and being ready to put money into acquisition when opportunities present themselves. Kevin Szcodronski concurred with Schlagenhaft's observations, citing Iowa's experience with the fish and wildlife mitigation program on the Missouri River. According to Szcodronski, this program involves both construction and acquisition, but acquisition opportunities have tended to come in waves, typically following floods. Szcodronski observed that it can frequently take quite some time to accumulate sufficient land or easements to allow habitat construction activities.

Steve Johnson emphasized that creativity and the flexibility to combine multiple programs are key to implementing a pool vision. Dusty Rhodes said the Corps could accomplish some work under its Comprehensive Plan authority. However, he noted that there is no general Corps authority to acquire land. Marvin Hubbell said Corps policy changes should help the states get credit for land acquired prior to execution of a project cooperation agreement. He urged the Corps to take a broad view in defining what is part of a project, thereby permitting credit for

land purchases that may predate the project by several years. Leo Foley said the Corps is reviewing the issues related to credit for lands and will strive for a clear and consistent policy. Al Fenedick encouraged the EMP partners to explore opportunities to work with FEMA and other agencies and groups that have not typically been involved in HREPs. Regarding public involvement in pool planning, Fenedick recommended involving people early in the process and making the purpose of the effort clear to them.

Long Term Resource Monitoring Program

Leo Foley introduced Scott Whitney, the Corps' new LTRMP coordinator. Whitney said his goal is to establish the LTRMP as the nation's premier partnership effort in environmental research. He said he will strive to increase connections between the LTRMP and the users of its data. He also stressed the importance of writing SOWs that clearly identify expectations, including what will be done and how it will be applied. According to Whitney, overtarget work will become a more important part of the LTRMP. Rather than increasing the size of the base program, he advocated structuring the LTRMP so that it has the flexibility to respond to information needs through overtarget projects.

Whitney said the FY 01 LTRMP SOWs are in good shape. He acknowledged that there will have to be difficult choices if funding falls below the baseline target and also observed that there is increasing competition for funds within the Corps. Leslie Holland-Bartels said this year's process for developing the SOWs has worked well. She noted that the SOWs for both baseline and overtarget work include clear expectations and identify all tasks that are part of multi-year efforts.

Terry Moe announced that John Wetzel will be retiring early in 2001. Moe noted that Wetzel has been a Wisconsin DNR wildlife manager on the Mississippi River for many years. He recounted Wetzel's key contributions to Wisconsin's LTRMP field station and to interagency coordination, particularly the A-Team. Moe said John Sullivan, Wisconsin DNR's Mississippi River water quality specialist, will be replacing Wetzel on the A-Team. Moe said Sullivan will add important new scientific perspectives to the A-Team and encouraged other program partners to consider the range of expertise represented on the team.

Other Business

Barb Naramore announced that future EMP-CC meetings will be held on November 16 in St. Louis, March 1 in the Twin Cities, and May 16 in La Crosse. [Note: The location of the May 16 meeting was subsequently changed to Davenport.] The UMRBA will meet on the preceding day in each of these locations.

Terry Moe requested that future Corps Activity Reports highlight changes from the previous report. Moe also noted that there have been operability issues with the pump features of some projects, including Bay Island, Princeton, and Chautauqua. He requested a report from the three districts on their water level management projects, including information on costs, dependability, and project outcomes. Leo Foley noted that water level management projects were discussed extensively at the last HREP engineering workshop. Foley also observed that the contracts let to address operability issues have typically been quite small. Because they are designed to achieve the goals of the original DPR, these contracts do not require a new DPR.

Moe also asked about the Cuivre Island prop wash experiment referenced in the Activity Report. Mike Thompson explained that the experiment is a relatively small project feature and is part of the approved DPR. The experiment will involve running a towboat through a small chute to assess its effects on resuspension of accreted sediment. Moe questioned the appropriateness of doing this experiment as part of an EMP habitat project. Thompson estimated the cost of the experiment at \$10,000 or \$15,000. Dusty Rhodes noted that the experiment is not precedent-setting and is relatively inexpensive. Moe said he opposed the use of EMP funds for such work in principle.

Rhodes referenced his pending retirement and thanked the EMP-CC members for their contributions to the EMP. He expressed appreciation for people's professionalism and commitment to the program.

With no further business, the meeting adjourned at 11:37 a.m.

EMP-CC Attendance List
August 20, 2000

Dusty Rhodes	U.S. Army Corps of Engineers, MVD
Charlie Wooley	U.S. Fish and Wildlife Service, Region 3
Leslie Holland-Bartels	U.S. Geological Survey, UMESC
Marvin Hubbell	Illinois Department of Natural Resources
Kevin Szcodronski	Iowa Department of Natural Resources
Steve Johnson	Minnesota Department of Natural Resources
Gordon Farabee	Missouri Department of Conservation
Terry Moe	Wisconsin Department of Natural Resources
Dave Carvey	Natural Resources Conservation Service
Al Fenedick	U.S. Environmental Protection Agency, Region 5
Greg Ruff	U.S. Army Corps of Engineers, MVD
COL William Bayles	U.S. Army Corps of Engineers, MVR
Gary Loss	U.S. Army Corps of Engineers, MVR
Leo Foley	U.S. Army Corps of Engineers, MVR
Scott Whitney	U.S. Army Corps of Engineers, MVR
Janet Hodges	U.S. Army Corps of Engineers, MVR
Dan Holmes	U.S. Army Corps of Engineers, MVR
Tom Novak	U.S. Army Corps of Engineers, MVP
Mike Thompson	U.S. Army Corps of Engineers, MVS
Jackie Taylor	U.S. Army Corps of Engineers, MVS
Dan Stinnett	U.S. Fish and Wildlife Service, Region 3
Bob Clevenstine	U.S. Fish and Wildlife Service, RIFO
Jon Duyvejonck	U.S. Fish and Wildlife Service, RIFO
Keith Beseke	U.S. Fish and Wildlife Service
Karen Westphall	U.S. Fish and Wildlife Service, Mark Twain NWR
Dick Steinbach	U.S. Fish and Wildlife Service, Mark Twain NWR
Jason Rohweder	U.S. Geological Survey, UMESC
Tim Fox	U.S. Geological Survey, UMESC
Tom Boland	Iowa Department of Natural Resources
Mike Steuck	Iowa Department of Natural Resources
Tim Schlagenhaft	Minnesota Department of Natural Resources
Amy Denz	Minnesota Department of Natural Resources
Ken Brummett	Missouri Department of Conservation
Jim Harrison	Minnesota-Wisconsin Boundary Area Commission
Keith Uhlig	Minnesota-Wisconsin Boundary Area Commission
Jeff Stein	American Rivers
Dan McGuinness	National Audubon Society
Holly Stoerker	Upper Mississippi River Basin Association
Barb Naramore	Upper Mississippi River Basin Association

EMP FUNDING PROPOSALS (FY-01)

	FY-01 BUDGET PROPOSAL (PRESIDENT'S) <u>(\$000's)</u>	FY-01 BUDGET PROPOSAL HOUSE <u>(\$000's)</u>	FY-01 BUDGET PROPOSAL SENATE <u>(\$000's)</u>
TOTAL \$ BUDGETED	18,000	21,000	17,000
S & S (10.0%)	1,800	2,100	1,700
ADMINISTRATIVE COSTS	110	110	110
HNA	-	-	-
SUB (TOT-ADMIN)	16,090	18,790	15,190
LTRMP 31.4%	5,052	5,900	4,770
HREP *	11,038	12,890	10,420
ST. PAUL DISTRICT (35%)	3,863	4,511	3,647
ROCK ISLAND DISTRICT (40%)	4,415	5,156	4,168
ST. LOUIS DISTRICT (25%)	2,759	3,222	2,605

* HREP %'s COULD CHANGE BASED ON THE PROJECT PRIORITIZATION PROCESS

ATTACHMENT B

EMP Spreadsheet

Budget sheet

UMRS-EMP EXPENDITURES AND ALLOCATIONS

(\$000)

				FY00				TOTAL			
				CARRY IN	ALLOCA.	TOTAL SCHED EXP.	30 Sep 00 ACTUAL EXP.		TOTAL SCHED OBLIG.	30 Sep 00 ACTUAL OBLIG.	ADDIT. CAPA.
OTHER HABITAT											
PROGRAM ELEMENTS											
HABITAT PROJECTS				214	9,033	10,065	9,107	9,895	9,078	71	508,033
HABITAT EVAL/MONITORING				65	660	724	675	686	703		10,126
HABITAT NEEDS ASSESSMENT				15	443	458	449	447	447	0	1,000
PROGRAM COOR.				26	662	685	682	683	551		11,864
REPORT TO CONGRESS				0	0	0	0	0	0	0	1,568
LTRM				144	6,914	7,058	7,036	7,029	6,916		233,621
RECREATION PROJECTS *2											9
ECON. IMPACTS OF REC. COMPLETE											768
TRAFFIC MONITORING COMPLETE											206
TOTALS				463	17,711	18,989	17,949	18,740	17,695	71	766,195
TOTALS BY ORGANIZATION											
MVR				187	4,564	4,751	4,643	4,573	4,615	108	203,213
MVP				21	2,594	3,430	2,546	3,415	2,452	0	177,812
MVS				94	3,521	3,615	3,589	3,597	3,579	0	127,008
LTRM				144	6,914	7,058	7,036	7,029	6,916		233,621
REGIONAL ADMIN.				18	118	136	136	126	134		1,446
TOTAL				463	17,711	18,989	17,949	18,740	17,695	108	759,341
NOTES:											
*1 \$18,955,000 minus Savings and Slippage of \$2,699,000; minus rescission of 357,000; plus reprogramming of \$1,812,000. for a total program allocation of \$17,711,000.											766,195
*2 None scheduled at this time.											

Budget Sheet PROJECT COORDINATION DATA SHEET

		30SEP99	FY00		30 Sep 00	TOTAL	30 Sep 00		
		CARRY	ALLOC.	TOTAL	ACTUAL	Sched.	Actual	TOTAL	
		IN		SCH. EXP	EXP.	Oblig.	Oblig.		
HABITAT EVAL/MONITORING									
BASELINE MONITORING		30	85	113	93	107	67	0	
HABITAT PROJ. EVALUATION		139	320	390	331	391	218	0	
BIO-RESPONSE STUDIES		133	257	190	265	160	159	0	
OTHER HABITAT								0	
SUBTOTAL (rollup of districts not included in M		303	662	964	689	658	445	0	
PROGRAM COORDINATION (NCD)									
				0					
OTHER (USFWS PROG MGT/UMRBA)			28	28	28.0	28.0	28.0	1,610	
PROGRAM ADMINISTRATION		18	90	108	107.9	98.0	105.7	425	
PROGRAM MGT TOTAL		18.2	117.7	135.9	135.9	126.0	133.7	2,639	
REPORT TO CONGRESS *1									
				0					
LTRM									
CORPS LTRM MANAGEMENT		16.3	179.7	196	184.3	176	180.6	575	
LTRM (USGS)		127	6,669	6,797	6,786	6,788	6,670	0	
CORPS LTRM TECHNICAL SUPPORT		0	65	65	65	65	65	297	
								926	
SUBTOTAL		144	6,914	7,058	7,036	7,029	6,916	74,620	
ECON. IMPACTS OF REC.									
TRAFFIC MONITORING									
MVD TOTAL		464	7,693	8,158	7,861	7,813	7,494	77,359	

ST PAUL WORKSHEET

PROJECT	ESTIMATE	TOTAL		NON	CARRY	ALLOCA	FY00			Add.	TOTAL	After FY 00	
		W/C	NON				TOTAL	30 Sep 00	TOTAL			30 Sep 00	Scheduled \$
ED Des.	CONST	FED	FED	FED	IN	EXP.	Actual	SCHED	Actual	Capex	TOTAL		
HABITAT PROJECTS													
Island 42, MN	5	257	262								262	0	COMPLETE
Outtenberg, IA	12	315	327								327	0	COMPLETE
Ososa Lake, MN	121		121	0							121	0	DEFERRED
Ambrough Slough, WI	180	1862	2,042	100	9	88	189	91	180	88	0	669	DESIGN
Blackbird Slough, MN	0	0	0								0	0	DEFERRED
Blackhawk Park, WI	67	165	232	77	0						0	309	COMPLETE
Bussay Lake, IA	725	2,707	3,432	162	0						0	3594	COMPLETE
Capoli Slough, WI	136	2,159	2,295		1	67	138	54	137	67	0	255	2,040 DESIGN
Cold Springs, WI	249	214	463		0						0	463	COMPLETE
Conway Lake, IA	462	1,998	2,460		0	0	63	0	63	0	0	80	2,380 DESIGN
East Channel, WI/MN	228	330	558		0						0	556	COMPLETE
Winger Lakes, MN	401	1,044	1,445		0						0	1445	COMPLETE
Harpers Slough, WI	250	3,283	3,533		1	60	260	61	259	60	0	788	2,745 DESIGN
Indian Slough, WI	265	722	988		0						0	988	COMPLETE
Lake Onalaska, WI	180	1,224	2,064		0						0	2064	COMPLETE
Lansing Big Lake, IA	494	2,595	2,989		0						0	2089	COMPLETE
Long Lake, WI	168	481	649		0	262	262	262	251	262	0	649	COMPLETE
Long Meadow Lake, MN	150	2,100	2,250		0	126	130	126	130	126	0	229	2,022 DESIGN
Miss River Bank, MN/WI/IA	627	1,070	1,697		0	2	3	2	3	2	0	1704	3 COMPLETE
Peterson Lake, MN	404	775	1,179		0						0	1179	COMPLETE
Polander Lake, MN	511	2,489	3,000		0	1,296	1,393	1,296	1,399	1,296	0	2720	195 UNDERWAY
Pool 8 Islands, WI	416	1,828	2,314		0						0	2314	COMPLETE
Pool 8 Phase II, WI	476	3,006	3,482		0	14	12	14	12	14	0	3395	COMPLETE
Pool 8 Phase III, WI	120	2,000	2,120		0	150	24	149	24	150	0	25	2,095 DESIGN
Pool 9 Islands, WI	274	995	1,269		0						0	1266	COMPLETE
Pool Slough, IA/MN	164	671	835	155	0	22	269	22	269	22	0	767	68 DESIGN
Rice Lake, MN	258	424	682		0						0	682	COMPLETE
Small Scale Drawdown, IA	33	64	97		0						0	97	COMPLETE
Spring Lake Peninsula, WI	177	271	448		0						0	448	COMPLETE
Spring Lake Isl, WI	138	1,782	1,930		1	41	134	41	133	41	0	352	1,578 DESIGN
Trappesseau MWR, WI	945	4,778	5,723		0	38	139	38	139	38	0	5583	COMPLETE
Whitewater River, MN	147	0	147		0						0	147	0 DEFERRED
Lake Winnepishak	160	3,400	3,560		0	0	22	0	22	0	0	135	3,584 DESIGN
Drury, MN	25	25	25		0						0	25	0 DEFERRED
Island 40, MN	30	20	20		0						0	20	0 DEFERRED
Pool 4, MN	3	3	3		0						0	3	0 DEFERRED
North Lk, MN	7	0	7		0						0	7	0 DEFERRED
Skewson Lake, MN	0	0	0		0						0	0	0 DEFERRED
Other Habitat					6	25					0	6	0
HABITAT TOTAL	8,965	44,780	53,745	494	18	2,191	3,027	2,156	3,015	2,166	0	35763	18,084
HABITAT EVAL/MONITORING													
HABITAT NEEDS ASSESSMENT			0					15		46			
BASILINE MONITORING			334		2	20	22	40	20	40	0	324	10
HABITAT PROJ. EVALUATION			829		0	120	120	171	120	172	0	706	193
BIO-RESPONSE STUDIES			1,421		0	100	100	0	100	0	0	1301	120
SUBTOTAL	0	0	2,654	0	2	240	242	226	240	258	0	2,331	323
PROGRAM MANAGEMENT													
PROGRAM COORDINATION			2,498		1	163	161	164	160	28	0	2178	320
LTRM COORDINATION													
LTRM COORDINATION			455		0						0	455	0
ADDITIONAL LTRM			535		0	30	30	28	30	28	0	475	60
SUBTOTAL	0	0	990	0	0	30	30	28	30	28	0	930	60
TRAFFIC MONITORING													
ECON. IMPACTS OF REC.			768		0						0	768	0 COMPLETE
RECREATION PROJECTS			7		0						0	7	0 COMPLETE
TOTALS	0	0	775	0	0	0	0	0	0	0	0	775	0
TOTAL MVP EXPENDITURES	8,965	44,780	60,662	494	21	2,594	3,430	2,546	3,415	2,452	0	41977	18,787
NOTES:													
*1 Equals Allocation of \$3,236,000 - \$320,000 of B&B. Does not include LTRM allocations to MVP.													

Budget Sheet

ROCK ISLAND EMP WORKSHEET

MVR	PROJECT	ESTIMAT	TOTAL		NON W/O NON FED	CARRY IN	ALLOCA.	FY00		30 Sep 00 Actual	TOTAL SCHED OBL.	30 Sep 00 Actual Obl.	FY 00 SCHED	TOTAL		Scheduled \$ To Complete	
			DESIGN	CONST				FED	EST.					SCHED	EXP.		W/ NON FED
HABITAT PROJECTS																	
	MONKEY CHUTE, MO	16	40	56					0						56	0	COMPLET
	BROWN'S LAKE, IA	260	1,833	2,093					0					2,093	0	COMPLET	
	ANDALUSIA REFUGE, IL	447	2,194	2,641				0	0	0			0	2,641	0	COMPLET	
	BERTON LAKE, WI	343	1,952	2,295			25	25	25	25	25			2,295	0	COMPLET	
	BIG TIMBER, IA	198	653	851					0					851	0	COMPLET	
	BAY ISLAND, MO	602	2,060	2,662		0	292	291	291	291	291	259		2,662	0	UNDERNA	
	PEORIA LAKE, IL	956	2,290	3,246	1,069			0	0					4,315	0	COMPLET	
	SPRING LAKE, IL	1,130	4,924	6,054		0	344	344	302	346	346	346		6,054	0	UNDERNA	
	PRINCETON, IA	744	3,014	3,758		26	2	275	276	276	276	276	75	3,784	306	UNDERNA	
	POTTER'S MARSH, IL	640	2,366	3,006					0					3,006	0	COMPLET	
	CHAUTAQUA REF, IL	1,637	11,792	13,339		44	174	218	217	194	194	194	10	13,339	0	UNDERNA	
	BANNER MARSH, IL	894	2,790	3,684	1,228		2	2,089	2,090	2,088	2,090	2,090	2,225	4,912	744	UNDERNA	
	POOL 11 ISLANDS, WI	1,252	10,550	11,802		24	144	168	167	144	144	144	302	11,802	10,469	DESIGN	
	GARDNER DIVISION, IL	662	3,321	3,983		2	167	169	169	169	169	169	447	3,983	3,366	DESIGN	
	LAKE ODESSA, IA	696	3,026	3,722		16	200	216	206	208	208	208	305	3,722	2,793	DESIGN	
	COTTONWOOD IS. MO	590	1,091	1,681		25	132	157	157	82	132	70		1,681	0	UNDERNA	
	RICE LAKE, IL	921	5,121	6,042	1,997		1	22	23	23	23	23	120	6,039	4,271	DESIGN	
	PLEASANT CREEK, IA	180	557	737		18	58	76	75	63	63	361		737	540	DESIGN	
	POOL 12 OVER WINTER (MOL)	180	901	1,081			18	18	18	18	18	18		1,081	1,077	DEFERRE	
	HURON IS. IA	240	2,544	2,784			0	0	0	0	0	0		2,784	2,784	DEFERRE	
	GREGORY LANDING, MO.	0	0	0			0	0	0	0	0	0		0	150	DESIGN	
	PROSTA CHANNEL, IA.	360	1,120	1,500										1,500	1,492	DEFERRE	
	POOL PLAN						0	39	39	39	39	39		0	0		
	SMITH'S CREEK						0	30	30	30	30	30		0	0		
	OTHER HABITAT						0	14	14	0	0	0		0	0		
	HABITAT TOTAL	12,968	64,049	77,017	4,320		133	4,022	4,155	4,084	3,998	4,047	4,174	81,897			
HABITAT EVAL/MONITORING																	
	HABITAT NEEDS ASSESSMENT																
	BASELINE MONITORING			268			0	30	30	30	30	30	30	226			
	HABITAT PROJ. EVALUATION			938			18	174	192	185	192	192	175	1,681			
	BIO-RESPONSE MONITORING			588			33	150	183	158	153	152	150	928			
	SUBTOTAL	0	0	1,794	0		52	354	405	373	375	375	355	2,835			
PROGRAM MANAGEMENT																	
	HABITAT COORDINATION/MANAGEMENT			3,496	0		3	188	190.7	185	200	193	160	4,073			
	REGIONAL ADMIN BUDG FOR MVR			0	0		16	50	106	100	100	100		10	0		
	SUBTOTAL	0	0	3,496	0		21	278	299	293	306	298	160	4,083	795		
	REPORT TO CONGRESS			465										645	0		
LTRM																	
	LTRM COORDINATION			530			16	180	196	184	176	181	0	528	0		
	ADDITIONAL LTRM			0			0	65	65	65	65	65	0	351	0		
	SUBTOTAL	0	0	530	0		16	245	261	249	241	246	0	879	0		
TRAFFIC MONITORING																	
	TRAFFIC MONITORING			206				0	0	0				206	0		
	ECON. IMPACTS OF REC.			0				0	0	0				0	0		
	SUBTOTALS	0	0	206	0		0	0	0	0	0	0	0	206	0		
	TOTAL MVR EXPENDITURES	12,968	64,049	83,508	4,320		187	4,564	4,751	4,643	4,573	4,615	4,689	90,017	29,599		
	NOTES:	*2.1k increase to MVR regional management due to dollars reprogrammed from MV															

Budget Sheet

ST. LOUIS WORKSHEET

MVS						FY00					FEDERAL		FEDERAL	
	PROJECT ESTIMATE			NON-FED EST	CARRY N	ALLOCA.	TOTAL	30 Sep 00	TOTAL	30 Sep 00	Add. Caps.	EXPEND. THRU FY99	FEDERAL	
	GD/DPR	CONST	TOTAL				SCHED	Actual	SCHED	Actual		PLUS FY99 UNEXP C	Sched \$	
						EXP.	Exp.	OBL.	Obl.		& FY00 ALLOCA.	to Complete		
HABITAT														
CLARKSVILLE REFUGE, MO	49	405	454									454	0	COMPLETE
DRESSER ISLAND, MO	285	2,342	2,627			35	35	35	35	35		2,635	(8)	UNDER REVIEW
PHARRS ISLAND, MO	233	2,550	2,783									1,268	1,515	COMPLETE*1
SWAN LAKE, IL	507	11,166	11,673	262	18	818	836	834	835	833		11,802	(129)	UNDERWAY
STUMP LAKE, IL	521	5,416	5,937		1	(1)	0	0	0	0		5,960	(23)	COMPLETE
OSBORNE CHANNEL, IL	160	440	600	190		0	0	0	0	0		116	484	TERMINATED*3
CUIVRE ISLAND, MO	358	1,015	1,373	458	13	(4)	9	9	9	9		467	906	UNDERWAY
BATCHTOWN MGMT AREA, IL	820	6,979	7,799		19	1,456	1,475	1,468	1,475	1,468		2,764	5,035	Underway *2
ALTON POOL, IL	169	525	694	231		0	0	0	0	0		24	679	TERMINATED*3
POOLS 25/26, MO	177	1,010	1,187		2	65	67	66	67	66		126	1,061	UNDERWAY
LEAST TERN, MO	110	200	310									33	277	DEFERRED
NORTON WOODS, MO	190	1,440	1,630		0	0	0	0	0	0		0	1,630	FACT SHEET
STAG & KRATON ISLAND, MO	180	339	519		1	(1)	0	0	0	0		471	48	COMPLETE
ANGLE BLACKBURN, MO	190	506	696									0	696	FACT SHEET
CALHOUN POINT, IL	561	5,870	6,431		6	257	263	261	263	260		894	5,537	DESIGN
DIKE ALTERATIONS	300	2000	2,300	4		25	29	29	29	29		30	2,270	UNDERWAY
SANDY CHUTE	67	268	335		0							0	335	FACT SHEET
SCHENIMANN CHUTE	40	1201	1,241		0	24	24	23	24	23		25	1,216	UNDERWAY
OTHER HABITAT (Jeff. Baricks & Ft. Chartres Side Channels)						145	145	142	145	142		145		
HABITAT TOTAL	4,917	43,672	48,589	1,141	64	2,819	2,883	2,867	2,882	2,865	0	27,214	21,520	
PLANNED ALLOCATIONS	4,917	43,672	48,589	1,141										
HABITAT EVAL/MONITORING														
HABITAT NEEDS ASSESSMENT	1,000		1,000		15	443	458	449	447	447		925	75	
BASILINE MONITORING			433		10	33	43	43	37	37				
HABITAT PROJ. EVALUATION			283		1	26	27	26	27	26				
BIO-RESPONSE MONITORING			228		0	7	7	7	7	7				
SUBTOTAL	1,000	0	1,944	0	26	509	535	525	518	517	0	925	75	
PROGRAM MANAGEMENT														
PROGRAM COORDINATION			1,909		4	193	197	197	197	197				
LTRM														
LTRM COORDINATION			216		0	0	0	0	0	0		229	0	
ADDITIONAL LTRM			225		0	0	0	0	0	0		225	0	
SUBTOTAL	0	0	441	0	0	0	0	0	0	0	0	454	0	
TRAFFIC MONITORING														
ECON. IMPACTS OF REC.														
TOTALS	0	0	0	0								0		
TOTAL MVS EXPENDITURES	5,917	43,672	52,883	1,141	94	3,521	3,615	3,589	3,597	3,579	0			
NOTES:														
*1 Pharrs Island, Mo. has two phases. phase 1 is complete and phase 2 has been deferred indefinitely by the state.														
*2 Additional funds required to complete project.														
*3 Osborne Channel and Alton Pool Non-Fed costs do not show on the Non-Fed summary sheet since projects have been terminated or deferred.														
*4 Equals an Allocation of \$3,090,000 minus Savings and slippage of \$228,000 Does not include LTRM coordination of \$4,000. The \$461,000 for HNA does not have S&B taken against.														

ATTACHMENT C

Partnership Issues

- **August 16 Response from FWS to States' Joint Letter**
- **October 10 Response from COE to States' Joint Letter**



United States Department of the Interior

FISH AND WILDLIFE SERVICE
WASHINGTON, D.C. 20240

ADDRESS ONLY THE DIRECTOR,
FISH AND WILDLIFE SERVICE

RECEIVED
AUG 21 2000

In Reply Refer To:
FWS/CNWR/00-00401

AUG 16 2000

UMKBA

Ms. Holly Stoerker
Executive Director, Upper Mississippi
River Basin Association
415 Hamm Building
408 St. Peter Street
St. Paul, Minnesota 55102

Dear Ms. Stoerker:

Thank you for your letter of June 20, 2000, requesting guidance on how the Upper Mississippi River Basin Association can support and assist the U.S. Fish and Wildlife Service with Environmental Management Program related responsibilities on lands in the National Wildlife Refuge System.

The Association's inquiry cites a January 27, 2000, letter from the Service to Major General Phillip Anderson, U.S. Army Corps of Engineers, describing specific areas of EMP-related funding shortfall. In that letter, the Service requested reinstatement of EMP funding: to oversee planning and management of Habitat Restoration and Enhancement Projects scheduled for construction on refuge lands; and to defray Service costs associated with rehabilitation of HREP projects that exceed normal operation and maintenance expectations or problems that develop due to design deficiencies. The Service's letter also addressed our backlog of operations and maintenance needs for HREP projects constructed on refuge lands.

As you know, the EMP authorizing legislation extends to Federal agencies the transfer of appropriations that enable the Service to fulfill its responsibilities as a Federal partner in the EMP effort. Unfortunately, at the urging of some State partners, this important source of funding was subsequently rescinded. The loss of EMP funding has been a serious setback to Service programs on the Mississippi and Illinois Rivers and has forced our refuge field stations to cover EMP-related costs at the expense of other mandated programs. It became apparent that without some relief, the Service could not remain an effective partner in the planning, construction and monitoring of HREP projects on refuge lands. This disparity in funding is what subsequently precipitated our January 2000 letter to the Corps. We are pleased to inform the Association that the Corps has responded favorably to the need to fund planning and management of HREP projects on refuge lands.

Securing O&M funding continues to be an issue of growing concern to the Service as more HREP projects are constructed and as existing projects age. The Service views its O&M

expectations as a priority and considers designated annual appropriations to support the long-term benefit of projects constructed through this multi-State priority program to be essential. As the number of habitat projects increase and as projects age, the Service may be forced to decline future EMP construction projects on refuge lands without annual O&M appropriations. The Service has expended a considerable investment in EMP and recognizes that there remains much to be done in order to realize the full potential of the program for fish and wildlife resources. The efforts of the Association, States and other EMP partners to assist the Service in securing O&M funding has not gone unrecognized.

At this time, the Service is hopeful that reinstatement of EMP funds will alleviate the need to address other planning and management options for HREP implementation on refuge lands. With adequate EMP funding, Service personnel will continue to be actively engaged in the planning and design phase of projects constructed on refuge lands. Options for management of HREP projects on refuge lands through site-specific agreements with States would not absolve the Service of its Federal trust responsibilities nor would these types of arrangements address long-term O&M funding solutions. Ultimately, the responsibility to manage projects on refuge lands rests with the Service and we are most interested in developing satisfactory long-term solutions to the O&M funding crisis that reflect this Federal responsibility.

In addition to sufficient annual funding to plan, manage and operate HREP projects, we suggest that the EMP program should begin to reflect the need for promoting projects that will minimize future maintenance costs. This may involve a greater understanding of natural river forces and how these features can be incorporated into the design and construction of projects that result in less than permanent structural landscape fixtures. It is our perception that the EMP program is beginning to move in this direction and that already there is substantial agreement in the river resource community on this point.

The Environmental Management Program makes a vital contribution to restoring the health of the Mississippi and Illinois Rivers and the Service shares a strong commitment to the program's success. With continued support and interest of the Association we are confident that the Service can secure the capabilities necessary to remain actively engaged in all aspects of this effort.

Sincerely,



ACTING DIRECTOR



DEPARTMENT OF THE ARMY
U.S. Army Corps of Engineers
WASHINGTON, D.C. 20314-1000

OCT 10 2000

REPLY TO
ATTENTION OF:

Programs Management Division
Central Branch

Ms. Holly Stoerker
Executive Director
Upper Mississippi River Basin Association
408 Saint Peter Street
415 Hamm Building
St. Paul, Minnesota 55101

Dear Ms. Stoerker:

Thank you for your letter dated June 20, 2000, regarding the reauthorized Environmental Management Program (EMP). The U.S. Army Corps of Engineers is also very pleased and excited about the future of the EMP. With the expansion of EMP the Corps is looking forward to continued cooperation with our partners. We are very happy to see that the states are preparing to increase their cost share efforts on nonrefuge lands. This type of leveraging efforts will help maximize the outputs from this program and be of great benefit to the environment.

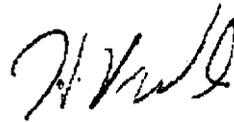
In response to your concerns about increased funding for the EMP annual budget request, the Corps plans to increase its efforts on the EMP and be in a position to execute a program to best utilize a fully funded authorization. We are preparing to be in position by Fiscal Year 2003 to execute a capability program to include projects and long term monitoring efforts that will maximize utilization of the full EMP authority of \$33M. The preliminary results of the Habitat Needs Assessment show there are many needs and problems that require attention for the future. We will manage the program to be flexible and be able to efficiently and effectively utilize full program funding. However, I would like to caution your members that the annual appropriations process has many very high priority programs competing for limited governmental funding, and those competing needs often preclude us from acquiring all of the funding that we would like.

The Corps will continue to support the U. S. Fish and Wildlife Service in their efforts to obtain adequate funding from the Department of Interior budget for Operation and Maintenance activities related to EMP habitat projects. We recognize the importance of the USFWS to the execution of the EMP.

The Corps realizes how critical the EMP program is to the health of the Upper Mississippi River System and we appreciate the strong support and commitment the

states and your organization provide for this program. I believe the partnership established for the EMP is a model for the country and is a primary reason the program is so successful.

Sincerely,



Hans A. Van Winkle
Major General, U.S. Army
Deputy Commander for Civil Works

ATTACHMENT D

Habitat Needs Assessment

- **HNA Issue Paper**
- **HNA as a Tool for HREP Planning and Prioritization**

**Standard Format for
EMP-CC Agenda Packet
Issue Write-Ups***

I. Topic Title: Habitat Needs Assessment

II. Issue Description

(1) Current status of the HNA products:

Technical Report - was submitted and accepted as final from the USGS late September.

Query Tool and Manual - Beta version released in July, modifications to the manual and advanced query options are scheduled to be completed by end of October.

Public Involvement - Executive summary received in late August and condensed version included in the September version of the Summary Report. Status of this report will be provided at the meeting.

Summary Report - Final MVD review completed on October 27, 2000. Changes incorporated and final proofs completed (Nov. 3) and provided to printer during week of Nov. 6. Expected final release end of November.

(2) Review comments from September review of HNA Summary Report

Wisconsin

- Revised purposes section of Summary Report introduction.
- Urge caution in interpretation of Cumulative Effects data.
- Revised managers qualitative assessment.
- Revised habitat needs section.
- Recommended adding a "limitations" section and provided several items to include as limitations
- Recommended that the conclusion deemphasize results and better explain what we did, what we will be doing, and what we want to do, rather than promoting current results. Also presented suggestions of significant accomplishments.
- Noted lack of institutional perspectives.

UMRBA (Holly Stoerker and Barb Naramore)

- Most comments editorial, but extensive revisions in ending sections.
- "Depersonalize" writing.
- Drop jargon and technical terms.
- Comments on draft figures.
- Uneven emphasis – meaning the concluding sections were buried behind too much technical information, and then lacked the clear explanations of desired future, needs, and conclusions. Provided rewrites for these three sections.
- Indicated that Public Involvement was incomplete, and provided comments on information to include in revised section.
- Numerous comments handwritten on report, especially suggestions for graphics.

Minnesota

- Noted rapid schedule of the HNA project and indicated that the quality of the review draft was indicative of the hurried pace. Thought the introductory and existing condition review were good, but that the remainder of the report was incomplete and did not provide additional information useful to resource planning.

- Disagreed with "...the approach to manage species or guilds." Prefer a process that focuses more on the restoration of natural river processes.
- Thought the public involvement sections were weak.
- Recommended coordinating the HNA with proposed "pool planning" efforts.
- Provided many specific comments to revise text.

Illinois

- Generally satisfied with report, offered several editorial suggestions.

Iowa

- Thought an abstract was needed to highlight conclusions earlier in the report.
- Offered comments on layout.
- Provided specific editorial comments.

Corps of Engineers

- Don Powell offered several specific editorial comments.
- Gregg Ruff offered editorial comments and suggested an additional section that would describe next iteration of HNA.
- Mike Thompson provided a few specific editorial comments.
- Rich Fristik provided a few specific editorial comments.
- Mark Cornish provided many specific comments on text and graphics.
- Scott Whitney commented extensively on earlier drafts.
- Dan Wilcox helped write/review the summary report.

In summary, the reviewers were interested in seeing the final layout, wanted to see more emphasis on the results, and wanted the desired future conditions, habitat needs, and conclusions more clearly

III. **Presenter's Perspectives/Recommendations** (note if recommendations are those of an agency or group)

IV. **Questions for Program Partners' Consideration/Deliberation** (explicitly identify any specific input being sought and any decisions program partners will be asked to make, either individually or collectively)

Three main topics for consideration by program partners relative to the HNA include the following:

- Public involvement and perceptions of first iteration
- Next steps in factoring HNA into prioritization process (see attached subject paper)
- Process, schedule, and priorities for next iteration of the HNA

V. **Additional Materials** (background materials pertinent to topic, to be included as attachments)

See attached 2-page summary of "*HNA as a Tool for HREP Planning and Prioritization*"

- * An issue write-up should be included in the agenda packet for any topic that is not strictly a status item. Issue write-ups and all other materials for the EMP-CC agenda packet should be provided to the UMRBA office at least 14 business days in advance of the meeting date.

HNA as a Tool for HREP Planning and Prioritization

The HNA provides volumes of data concerning historic, existing, predicted future conditions, and desired future conditions that were all used to compile UMRS habitat needs. Habitat need expressed at system-wide, reach, or even whole pool scales, is too broad for developing detailed habitat project plans, but the HNA can be used to determine the degree to which individual projects meet the habitat protection and restoration objectives expressed at broader scales.

A step-by-step use of HNA products in HREP planning and prioritization might include the following steps that will be described in greater detail below:

1. does a proposed project replace lost habitat (i.e., historic assessments)?
2. does a proposed project modify existing conditions (i.e., existing condition)?
3. does a proposed project change the future projected condition (i.e. future predicted condition)?
4. does a proposed project meet the desired future condition (i.e. desired future condition)?

The HNA allows each of these steps to be addressed in a quantitative or qualitative fashion. Using the full range of GIS data available and advanced modeling tools developed for the HNA, program managers might assess historic, existing, and future habitat value for distinct project areas. Future habitat value can be calculated by creating GIS layers that simulate post project physical conditions and anticipated plant community response.

Using HNA Products

1. Historical data.

GIS data sets are available for presettlement land cover conditions for about one-third of the UMRS, with most major reaches represented. 1890s land cover data are available for the entire UMRS, and comparable maps can be created for the Illinois River. The Cumulative Effects study provides map and photo derived acreage estimates of major aquatic areas classes for predam, immediate post dam, and modern conditions for most areas. Similar information can be compiled in greater detail when working in discrete locations such as HREP project boundaries.

These data can be clipped to fit project area boundaries, or can be used to calculate the abundance of major land cover classes for larger areas likely to be influenced by a project or used in planning (i.e., pool scale). Historic land cover can be compared to existing and desired to help determine what communities were once present, and which might be most likely to thrive in an area. Large-scale habitat manipulation, (i.e., dams) however, may have altered historic conditions such that historic conditions cannot be supported. Immediate post dam conditions may be the most applicable time step for project planning in areas highly influenced by dams. High elevation floodplains less influenced by impoundment may be able to be restored to presettlement conditions.

2. Existing conditions

Existing land cover conditions have been compiled and summarized for the entire UMRS, and some areas have significant additional depth, flow, water quality, etc. data. These data can be easily summarized for project area boundaries to help develop projects, to help develop project expectations, and for comparison with historic or predicted conditions.

3. Future conditions

Future conditions have been quantitatively predicted for most of the UMRS and qualitatively predicted for the entire river. Quantitative predictions are not spatially explicit, but a project's, or multiple projects', influence on changing future conditions of major aquatic habitat classes could be estimated for regions as small as upper or lower pool reaches. The precision of predicted or project induced change may be quite low, thus changes may have to be large to be detectable. Maps developed to express resource manager's projected habitat change are very spatially explicit. They are particularly useful because they identify the dominant geomorphic processes influencing habitat development in an area. Knowing what processes are affecting an area is critical to project design.

4. Desired future condition

Desired future conditions were not expressed in a spatially explicit fashion, so it is difficult to use them to develop or assess individual projects. The aquatic areas affected by a project can, however, be compared to desired conditions for an entire pool to see how they fulfill a need. The influence of multiple projects can be summed to determine what level of habitat protection or restoration is necessary to fulfill the desired future at the pool scale. Desired land cover conditions were not clearly expressed, but resource managers thought increased diversity of native land cover classes and recovery of aquatic plant communities were very important.

Using GIS Tools

The HNA basic and advanced GIS query tools provide many of the resources necessary to assess historic and existing conditions. The advanced query tool can be used to easily incorporate multiple data sets, clip polygons and summarize land cover or potential habitat value, and importantly, to allow users to create their own habitat models. Other GIS tools available to advanced GIS programmers can be used to simulate habitat project physical attributes and their anticipated plant community effects in the GIS. The simulation(s) can be used to calculate land cover or potential habitat created by an individual, or multiple, habitat projects.

ATTACHMENT E

HREP Planning and Prioritization Issue Paper

**Standard Format for
EMP-CC Agenda Packet
Issue Write-Ups***

I. Topic Title: Revision of the HREP Planning and Prioritization Process

II. Issue Description: Over the past several months the Corps EMP administrative team, in consultation with the EMPCC and other interagency groups, has been critically evaluating the past, current, and future planning and prioritization process for HREP selection. Much of the discussion recently has focused on the degree to which the Habitat Needs Assessment would be factored into the process and the make-up of the district and system ecological teams. The November 16 EMPCC presentation will provide our current thinking and details associated with the following Draft outline for a formal Planning/Prioritization plan:

- Executive Summary
- Historical Process for HREP Selection
- Need for Prioritization
- Objectives of Prioritization
- Development of the Prioritization Plan
- Tools for Evaluation and Prioritization
- Prioritization Plan
 - Stage I: Identification of Need
 - Stage II: Development of Project Fact Sheet
 - Stage III: District Ecological Evaluation
 - Stage IV: Administrative Evaluation
 - Stage V: Approval
 - Stage VI: Execution
- Project Sponsors - Governmental
- Project Sponsors - Non-Governmental
- Additional Considerations

III. Presenter's Perspectives/Recommendations (note if recommendations are those of an agency or group) A Draft Planning/Prioritization Plan is expected to be completed and available for EMPCC review before the end of 2000. We envision the plan will be implemented on a trial basis during FY01 and fully implementable during FY02.

IV. Questions for Program Partners' Consideration/Deliberation (explicitly identify any specific input being sought and any decisions program partners will be asked to make, either individually or collectively)

V. Additional Materials (background materials pertinent to topic, to be included as attachments) Provided at meeting.

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ATTACHMENT F

Public Involvement Issue Paper

**Standard Format for
EMP-CC Agenda Packet
Issue Write-Ups***

- I. **Subject: Proposed Public Involvement Plan for Upper Mississippi River System - Environmental Management Program**

- II. **Issue Description.** Since the beginning of the EMP, public involvement throughout the study area has been limited. Occasional public meetings and dedication ceremonies on individual projects were held independently by St. Paul, Rock Island, and St. Louis Districts. An overall Public Involvement Plan for the EMP, coordinated with St. Paul, Rock Island, and St. Louis Districts has not been designed. However, two major public outreach programs were coordinated. These activities are described below:
 - A. In April 1997, open houses to discuss the Environmental Management Program were held in the following locations: Onalaska, WI; Grafton, IL; Bettendorf, IA; Wabasha, MN; Lewistown, IL; and Hannibal, MO. These open houses were sponsored by the EMP partners. Another open house, sponsored by the MN-WI Boundary Area Commission, was held on May 1 in Prairie du Chien, WI. Approximately 175 people attended the open houses. 102 completed comment sheets. At that time, 47% of those who completed a comment sheet said they were aware of the EMP; 30% were somewhat aware of the EMP; and 23% were unaware of the EMP before attending the open house.
 - B. In August 1997, the EMP partners sponsored public meetings to gather public input about the EMP and the Report to Congress were held in the following locations: Peoria, IL; St. Louis, MO; Davenport, IA; Red Wing, MN; and LaCrosse, WI. Around 200 people attended the meetings.

- III. **Presenter's Perspectives/Recommendations.** Currently, District staff are considering a evaluating a number of options designed to inform and elicit response from a diverse public. On or before 15 December 2000, EMPCC members will be forwarded a DRAFT Public Involvement Plan for their review and comment. The Plan will be developed for calendar years 2001-2004, with annual review and update. The goal of the Public Involvement Plan will be to increase the public's awareness of the program and to gather input and feedback from the diverse publics (e.g., governmental agencies, non-governmental organizations, and those with a special interest in the environment and recreation). A variety of public involvement techniques will be used to bring the greatest awareness of the program to the greatest number of people. A few of the techniques currently being discussed include:
 - A. An annual two-day EMP workshop with governmental agencies and non-governmental organizations. The workshop location will be rotated among St. Paul, Rock Island, and St. Louis Districts. The purpose of this workshop will be to discuss and prioritize needs and locations for environmental projects. Suggested format is a group meeting with breakout discussion sessions.
 - B. Public informational meetings held at several locations throughout the study area, beginning after the first two-day workshop is held. The purpose of these meetings will be to bring the general public "up to speed" on EMP – what it is and what it has

accomplished to date – and to gather feedback from the public on whether they have used an EMP project and what type of project they would like to see/likely use. Suggested format is a combination open house/informational public meeting. Several displays showing both the LTRM and HREP features of the EMP would be available for the public to view at any time during the open house. A presentation also would be offered, giving more in-depth information, with a question & answer session following.

C. Other techniques that are being considered for implementation would include: newsletters, interactive EMP web site, comment sheets (provided at the public meetings).

IV. **Questions for Program Partners' Consideration/Deliberation** (explicitly identify any specific input being sought and any decisions program partners will be asked to make, either individually or collectively)

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ATTACHMENT G

Corps Activity Report

Corps of Engineers Activity Report
For Main-Stem Upper Mississippi River System Activities in three COE Districts

I. ST. LOUIS DISTRICT (LMS)

A. Navigation

1. **Melvin Price Locks and Dam** – Both the main lock and auxiliary lock are open to traffic. The Visitor Center Building was completed in early 1999. Construction of the esplanade facilities, highway intersection, Illinois access road and visitor parking area is complete. Recreation facilities (cost-shared with Alton, Illinois) and other minor contracts at the dam site remain. This work is scheduled to continue through the year 2003.

2. **Review of Avoid and Minimize Environmental Impacts Program** - Construction of two additional chevron dikes will take place in Pool 26, based on the micro model study completed in 1999, bringing to five the total number of chevrons at the Cottonwood Island location. A micro-model for a generic side channel is under development and hopefully will demonstrate how to improve side channel connectivity with the main channel at the upper end. Suggested river training structures include island creation to provide habitat for aquatic and semi-aquatic species and side channel creation. The area under consideration is between RM 100 and RM 80. Environmental monitoring continued with further investigation of the pallid sturgeon habitat in the open river and fish & wildlife habitat monitoring in the areas affected by environmental pool management. Work continued by District staff and partner biologists monitoring fish use of scour holes behind wing dikes in the Open River. Large numbers of overwintering fish were found in areas of low velocity in scour holes behind a dike as many had suspected. Monitoring of fish passage and fish passage conditions continued at L & D 25 during open river conditions. An assessment of river current conditions in the vicinity of gate 17 was also done to determine if conditions are present to allow for fish to move upstream. Information collected in 1999 indicates fish are passing through some dam gates during open river conditions. Micro-model work in Cottonwood Chute has been completed. Construction will occur this fiscal year, water level permitting.

3. **Endangered Species Act Compliance** for the Melvin Price Locks and Dam with Second Lock - With the assistance of the Waterways Experiment Station (WES), LMS began a study of the Federally endangered Higgins' eye pearly mussel in 1988. The study has included monitoring of five mussels beds and navigation impact studies on these beds to obtain baseline data for the period 1989 through 1994. A summary report for this 7-year study was printed and distributed in May 96. A draft report, entitled, "Measures to Minimize Harm to Lampsilis higginsii Caused by the Passage of Commercial Navigation Vessels in the Upper Mississippi River" was distributed to agencies for their review in Jun 96. That report was completed and distributed in March 1998. The St. Louis District consulted with the U.S. Fish and Wildlife Service in May 1997 on future study activities. It was agreed that the number of sampling sites would be reduced to three in Pool 10, 14 and 24, in years 1999 and 2004. The data would be compiled and compared with a mussels study being done under the Upper Mississippi River - Illinois River Navigation study. A decision will be made at that time regarding the need for continuation of the second lock mussels study. The field work for the 1999 sampling has been completed. The report on this work will be prepared in 2001, when actual navigation traffic records for 1999 become available. MVD entered into formal coordination under the ESA with the FWS covering the operation and maintenance of the navigation project for the St. Paul, Rock Island, and St. Louis Districts. The final biological opinion has been issued and the Corps is preparing a response to this opinion. Negotiations on implementation strategies, schedules, and jeopardy opinion on the pallid sturgeon and incidental take statement for least tern are continuing.

4. Major Rehabilitation:

a. Major Rehabilitation at Lock and Dam No. 25 began in FY94 is complete on all items except rehabilitation of the auxiliary lock closure. Project completion is scheduled for 2001.

b. Major Rehabilitation was initiated at Lock and Dam No. 24 in FY96. The project plan provides for the rehabilitation or replacement of miter gates, the auxiliary lock closure structure, dam pier bridge columns, selected electrical and mechanical items, correction of an outdraft problem with bendway weirs, a protection cell and larger openings in the guardwall. Rehab of the dam piers, electrical and mechanical equipment and lock miter gates is complete. Construction is likewise complete for Phase One of the bendway weir work (i.e. dike extension) and the mechanical/electrical rehabilitation. During FY 2000 a second phase of bendway weirs was installed. A second major rehabilitation report was approved in Sep 97 for repair of the LOCK wall concrete, tainter gates and anchorages, and the Illinois abutment and was funded in the FY 2000 budget. Rehabilitation of the Illinois abutment was initiated in FY 2000 and will be completed in the first quarter of FY 01. P&S are scheduled to be complete in the second quarter of FY 01 and the initiation of construction in the fourth quarter of FY 01.

B. Upper Mississippi River System Environmental Management Program

1. **Clarksville, Missouri** - Construction was completed in Apr 90. The final project evaluation report was completed in July 96.
2. **Dresser Island, Missouri** - Construction was completed in Sep 91. Monitoring results have suggested that the desired water temperature and water level controls are being achieved. The final report was completed in November 1998. MDOC has identified operational problems with existing structures. MVS initiated coordination and design for corrective measures in February 2000, anticipate work to begin in Summer 2001.
3. **Pharrs Island, Missouri** - Construction was completed in May 92 on the Phase I upstream, bull-nosed dike. The post-project fish survey is still in progress, with final survey anticipated for FY00. Fish cover enhancement consisting of cedar tree placement, as identified in the DPR, was installed at the site in FY 96 by MDOC staff. The draft project evaluation report is scheduled for completion in FY01.
4. **Stump Lake, Illinois** - Construction was completed in FY99. Final close-out documentation has begun for official project delivery to partner. A dedication was held on 16 July 99 with the Assistant Secretary of the Army, Dr. Joseph Westphal.
5. **Swan Lake, Illinois** - The project was approved for construction in Jun 93 and in Oct 93 the hillside sediment control plan was directed to be initiated. The project is subdivided into four items of construction: Item 1 is the Fuller Lake levee, Item 2 is the two pump stations, Item 3 is the Swan Lake levee and miscellaneous site work, and Item 4 is the hillside sediment control measures. Item 1 contract is complete. Item 2 contract is 100% complete and awaiting resolution of claims. Item 3 contract is complete. Item 4 is approximately 95 percent complete. Drawdown for Middle and Lower Swan Lake was initiated in May 2000 and was unsuccessful due to higher than average rainfall in the region. In Lower Swan Lake (Site #3), a 48,000 GPM pump is proposed with the completion of design by the end of FY 01, and construction beginning in the third quarter of FY 02.
6. **Cuivre Island, Missouri** - The Cuivre Island Greentree Reservoir (GTR) contract was completed in September 1999. Remaining features of work include hard points and a prop-wash experiment. The project will receive disposal rock from LD 25 Rehab for hard points. Investigation is scheduled surrounding sand lenses in water supply ditches. A dedication ceremony was held August 17, 2000, aboard the MV Mississippi.
7. **Batchtown, Illinois** - The final DPR was approved in Feb 97. A Value Engineering study was completed on this project in Sep 96. Phase I Dredging Construction contract was awarded in March 2000 and is approximately 70% complete with the remainder completing in the 2nd quarter of FY 01. Phase II P&S are underway with a completion scheduled in the 2nd quarter of FY 01. Construction is scheduled to begin the 4th quarter of FY-01 for Phase II. Phase III P&S require additional discussion to identify construction feature at the south end of the project. Hillside Sediment Control Measures features are underway with NRCS.
8. **Calhoun Point, Illinois** - The final DPR was sent to HQUSACE in July 1996. The final DPR was approved at HQUSACE in May 1999. A Value Engineering Study was completed in August 1999. Phase I & II P&S are underway. Construction is scheduled to begin the 4th quarter of FY-01 for Phase I. Construction is scheduled to begin the 1st quarter of FY-02 for Phase II. Phase III scope of work will be coordinated with partners in early FY01.
9. **Stag Island, Missouri** - The project was completed in July 1998 at an estimated cost of \$530,000. Waterfowl counts were started in FY98 and are ongoing.
10. **Pools 25 & 26** - MVS will be coordinating phase two of a charette process for the Definite Project Report phase in early FY-01.
11. **Schenimann Chute Side Channel, Missouri** - A new project has been identified by Missouri Department of Conservation in the Open River. A fact sheet was approved on 30 July 99. A streamlined DPR (Preliminary Restoration Plan) was forwarded to MVD for review and approval in Aug 00.
12. **Stone Dike Alterations** - Work has been initiated on the Definite Project Report. Micro-modeling study is being completed FY-01.

13. **Fort Chartres Side Channel** - A new project was been identified by the St. Louis Avoid and Minimize team on the Open River. MVS has initiated fact sheet and is awaiting Letter of Intent from IDNR. Micro-model of the project was initiated in FY00 and will be completed in FY-01.

14. **Jefferson Barracks Side Channel** - A new project was been identified by the St. Louis Avoid and Minimize team on the Open River. MVS has initiated fact sheet and is awaiting Letter of Intent from IDNR. Micro-model of the project was initiated in FY00 and will be completed in FY-01

15. **UMRS-EMP Habitat Needs Assessment (HNA)** - The Summary Report has been completed and reviewed, and comments have been received. The effort will be completed below the \$1,000,000 funding limit. Final Draft Summary Report has been sent to MVD for comment. Final Summary Report will be ready for distribution within two months. Plans are to put the entire document on the WEB page at USGS. The Technical Report has been reviewed by the Technical Team. The query tool is almost complete. Comments from EMP-CC on content have been received.

C. Section 1135 Program & Section 206

Until recently, the District was pursuing year-round Environmental Pool Management (EPM) at Mississippi River Navigation Pool 25. Due to a number of sponsor related Section 1135 issues, that project is now proposed as a mitigation feature for study under the UMR Navigation Study. Late FY00 & early Fy01 expenditures will be directed at habitat quantification relating to the linkage between navigation related fisheries losses and fisheries gains from year-round EPM. The mitigation measure entails a 1.5 year assessment of hydraulics and real estate impacts, 2 years to revise the Pool 25 water control manual, and 2 years for real estate acquisition. Expansion of the concept to Pools 24 and 26 is dependent upon the Pool 25 study results and future "adaptive mitigation" concept.

The District is working on a Section 1135 project in sponsorship with The Nature Conservancy (TNC). The project, known as the Spunky Bottoms project, is located in the Little Creek Drainage District. The Drainage District is situated along the right bank of the Illinois River just below the LaGrange L&D. Sponsor suggested project features include, a fish passage structure thru the Federal levee, mouth of tributary sediment traps, limited reforestation, raising two site access roads, elevating an existing pump station, and limited land acquisition. The Preliminary Restoration Plan (PRP) is at MVD awaiting approval. Draft ERR was initiated on February 2000.

A Section 206 (Aquatic Ecosystem Restoration) project is being planned for the Ted Shanks Conservation Area located along the Mississippi River, 16 miles north of Louisiana, MO. An extensive acreage of high quality bottomland hardwood forest was lost as a result of the major floods of 1993 and 1995. The project area initially included 250 acres of land owned and managed by the Missouri Department of Conservation. However, the acreage has been expanded to 420 acres which will be planted to trees using a newly developed technology for bottomland hardwoods restoration. The total cost of the project was initially set at \$300,000, but has now been expanded to \$700,000. The Draft Planning and Design Analysis (PDA) report is out for public review at this time.

D. Environmental Stewardship Activities

1. A comprehensive Rivers Project Office master plan is being prepared to guide use and development of federal public lands and waters on the Mississippi River Navigation Pools 24, 25, 26, 27 and the Kaskaskia River Navigation Project lands. This is a cooperative effort with other federal and state agencies and public interest groups concerned with the rivers and their uses. In 1992, a plan of investigation was prepared to identify the planning process, scope, schedule, and special requirements. River issues and resource use objectives were identified through interagency and public input that established a foundation for preparing a responsive master plan. The master plan development process was suspended from 1993 through 1996 due to flood recovery efforts for the 1993 and 1995 Mississippi River floods. It was resumed in 1997. A draft plan was released for public review in May 1999 and public workshops were conducted in June 1999.

2. The master plan will include a revision of the project resources inventory, resource use objectives, land use classification, facility demand, site specific plans for development and management of public lands and waters, and environmental compliance. Public involvement is being solicited throughout the process. The final master plan is scheduled for approval and release in July 2000.

II. ROCK ISLAND DISTRICT (MVR)

A. Major Rehabilitation

The last phase of construction for the Lock and Dam 14 Major Rehabilitation, Stage II, Dam is scheduled for completion in September 2001. The first stage of construction for Lock and Dam 12 Major Rehabilitation Stage I, Dam Scour Protection was completed in August 2000. Lock and Dam 12 Major Rehabilitation Stage II, Lock was awarded 22 September 2000. The lock closure is scheduled from December 2001 to March 2001. Plans and specs for the last stage of construction, Stage III, Dam have been initiated. The Stage III, Dam is scheduled for award in November 2001.

B. Upper Mississippi River System Environmental Management Program - HREP

Mississippi River

1. **Pool 11, Pool 11 Islands, Iowa/Wisconsin.** The public review draft DPR will be completed in November 2000. A Biological Assessment has been completed to assess potential inputs to Higgins eye mussels. It has been determined that the island component of the project will not be recommended for construction until further monitoring and coordination has taken place. Contract award is anticipated at the end of FY01.
2. **Pool 11, Bertom McCartney Adaptive Measures, Wisconsin.** Plans and Specifications for adaptive measures are scheduled to be complete in December 2000. A Performance Evaluation Report is scheduled for March 2001.
3. **Pool 12, (Molo Slough) Overwintering, Illinois/Iowa.** The draft feasibility report is scheduled to be completed in September 2001.
4. **Pool 12, Peosta Side Channel.** The feasibility report is scheduled to commence in September 2001.
5. **Pool 13, Brown's Lake, Iowa.** A Performance Evaluation Report is scheduled for March 2001.
6. **Pool 13, Pleasant Creek, Iowa.** This project was the first submitted for approval through a streamlined format. Pleasant Creek Final DPR was sent to MVD for approval on September 29, 2000, and was the first report submitted in a streamlined format. The Contract Award is anticipated for April 2001.
7. **Pool 13, Potters Marsh, Illinois.** A Performance Evaluation Report is scheduled for March 2001.
8. **Pool 13, Smith's Creek, Iowa.** Baseline monitoring and preliminary design work began during 4th quarter FY 2000. Initial project coordination for the DPR continues to progress. The draft feasibility report is scheduled to be completed in September 2001.
9. **Pool 13, Spring Lake, Illinois.** Stage I and Stage II contracts are complete. Structural modifications contract is ongoing. The final Operation and Maintenance Manual is scheduled for Completion in May 2001. A Performance Evaluation Report is scheduled for March 2001.
10. **Pool 14, Princeton Refuge, Iowa.** Final contract to adapt the project to address operability issues was awarded, and construction is underway. The final operation and Maintenance manual is scheduled for completion in January 2001. A Performance Evaluation Report is scheduled for March 2001.
11. **Pool 16, Andalusia, Illinois.** A Performance Evaluation Report is scheduled for March 2001.
12. **Pool 17, Big Timber, Iowa.** A Performance Evaluation Report is scheduled for March 2001.
13. **Pool 17, Lake Odessa, Iowa.** The draft DPR is scheduled for completion in December 2000.
14. **Pool 21, Cottonwood Island, Missouri.** The final Operation and Maintenance Manual is scheduled for completion in January 2001. A Performance Evaluation Report is scheduled for March 2001.
15. **Pool 21, Gardner Division, Illinois.** The Gardner Division Final DPR was sent to MVD for approval on September 29, 2000. This project is scheduled for a FY 2001 construction start.

16. **Pool 21, Monkey Chute, Missouri.** A Performance Evaluation Report is scheduled for March 2001.
17. **Pool 22, Bay Island, Missouri.** The contract to adapt the project to address operability issues is approximately 85% complete. Project will be substantially completed by mid November of this year. Only remaining work beyond November is seeding which has to wait until next spring. Project is operational and will have the Wetland Management Units flooded before the end of October. A Performance Evaluation Report is scheduled for March 2001.

Illinois Waterway

1. **Peoria Pool, Peoria Lake, Illinois.** An amended draft of the project's IPER is scheduled for distribution in March 2001. The District (MVR) is working with the State of Illinois to evaluate erosion problems along portions of the moist soil unit levees.
 2. **LaGrange Pool, Lake Chautauqua, Illinois.** The U.S. Fish and Wildlife Service (USFWS) has been operating this project since the fall of 1999. District is finalizing a fact sheet concerning a proposed modification to the lower lake. The project has experience significant losses to waterfowl due to botulism outbreaks. Removal of standing water during moist soil unit draw down will prevent further losses. Excavation of drainage channels totaling approximately \$450K is required. Desired implementation schedule includes an award during the June 2001 timeframe, with excavation complete by September 2001. An updated Operation and Maintenance Manual is scheduled to be completed in February 2001. An Interim Performance Evaluation Report is scheduled for March 2001.
 3. **LaGrange Pool, Banner Marsh, Illinois.** Stage I work, which was accomplished by the Illinois Department of Natural Resources (ILDNR), is completed. Stage II work is ongoing. All levee embankment work is complete. Pump station rehabilitation is underway and is scheduled for completion in November 2000. The ILDNR has instructed the District to exercise contract options for additional riprap. Riprap placement will continue into next summer. The Operation and Maintenance Manual is scheduled to be completed in July 2001, with fiscal closeout anticipated for December 2001.
 4. **LaGrange Pool, LaGrange Pool Side Channel Habitat.** This is a new project that has substantial side channel habitat benefits, is 100% federally sponsored, and could be awarded during early FY02 if feasibility effort commences during early FY01. Estimated cost is approximately \$2M. Fact Sheets and coordination with the project approval process has been initiated.
 5. **LaGrange Pool, Rice Lake, Illinois.** The project continues to have real estate and legal issues related to the purchase of Duck Island. The ILDNR supports the continued planning of the project. The public review draft DPR for this project is scheduled for completion in May 2001, with construction award anticipated in April 2002.
- C. Upper Mississippi River System Environmental Management Program - LTRMP**
1. With the departure of Leo Foley, Scott Whitney, LTRMP Project Manager, will be serving as interim EMP Project Manager during the recruitment and hiring of a permanent replacement. Scott will continue to manage the LTRMP during this interim period, but will be additionally responsible for HREP management, and EMP Regional Issues.
 2. Total FY 2000 LTRMP funds for scopes and support work, excluding Corps Management was \$6,880,500. The U.S. Geological Survey (USGS) was provided \$6,520,661 of which \$3,087,000 was non-Federal.
 3. The 3rd quarter Corps of Engineers and USGS FY2000 LTRMP in-progress review (IPR) meeting was held at the Upper Midwest Environmental Sciences Center (UMESC) on 11 October 2000. At that meeting, discussion was held on the program execution status and status of expenditures for FY 2000 and projected budget scenarios and scopes of works for FY 2001. USGS presented individual summaries of work completed to date. More detailed information on the presentations are included in the A-Team information in bullet 6.
 4. The aerial photography contract for \$290,000 is nearly completed. All but a dozen of the prints have been received and sent to USGS. Approximately 2322 miles of the Mississippi River and several tributaries in five mid-western states were covered. The contract provided one set of CIR at 1:24:000 and one set of Natural Color at 1:16:000.
 5. The USGS has submitted their final draft SOW for FY 2001. It is currently being reviewed by District Staff. A Final SOW for FY 01 is anticipated by 3 November 2000. Several overtarget projects are currently being developed in the event that additional funds are made available.

6. The A-Team met at the La Crosse Fisheries Resource Office on 12-13 October 2000. Issues discussed included administrative changes within the COE and USGS, a summary of last years performance, LTRMP funding for FY 2001, reduction in the use of passive fisheries sampling gear and an increase in out-pool sampling, and deciding the future of the A-Team. Presentations of several LTRMP projects were made by component specialists including a demonstration of a cross-component model for understanding UMR aquatic macrophyte assemblages by Yao Yin. The group decided that the A-Team would cut back to two scheduled meetings annually and utilize conference calls when time-sensitive issues arose during the year. Additionally, the A-Team is discussed showcasing the LTRMP program products in an annual symposium aimed at resource specialists and the public.

D. Section 1135 Program Summary

SECTION 1135, Project Modifications for Environmental Improvement

Cong. District	Total Est. Const. Costs *((\$000)	Project & PWI No.	Stage/ % Complete	Authority	Status
IL-17	230.0	Oquawka Refuge, IL Habitat Restoration Proj. PWI No. 096182	Combined PDA 77%	1135	Due to the project cost, no feasibility report is required. PDA phase will include environmental compliance, plans and specifications, and PCA development. At the Oct 99 BCOE, the sponsor recommended project feature changes. Those changes were just received in writing from the DNR (1 Sep 00). The sponsor now has funds available. Contract award is scheduled for the 2 nd quarter FY01.
MO-09	125.3	Buck Run, MO PWI No. 096067	CONST 100%	1135	The Missouri DOC prepared the site and created planting berms in Sep 98. Tree and potted prairie cord grass planting took place 2 Dec 98. Red top grass planting, fertilization, and weed mat installation tasks are completed. The Missouri DOC has provided documentation of their in-kind contribution. PM-AR has action to close out the project.
IL-17 LA-2 LA-3	372.0	Mississippi River Mast Tree Planting, IA & IL PWI No. 096046	CONST 100%	1135	The project was physically completed by 30 Sep 98. Fiscal closeout of the project is complete.
IL-17	334.0	Mill Creek/Milan Bottoms, IL, Stream Channel Restoration PWI No. 162936	PDA 90%	1135	PDA scheduled for completion in Nov 00.
IL-11	1,000.0	Ballard's Island, IL PWI No. TBD	PRP 100%	1135	MVD has denied approval of the PRP. IL DNR completed dredging in Jul 00. Cong. Weller is developing an add to WRDA 2000 to grant the sponsor credit for dredging already performed by the DNR.
IL-17	4,400.0	Rock Island Gardens, IL PWI No. TBD	PRP 75%	1135	PRP contract was awarded 10 Feb 00. Corps received draft PRP from the contractor on 11 Mar 00. The city has proposed significant revisions to the PRP which were sent to Zambrana. Zambrana will finalize the PRP for submission to MVD.

* Includes Feasibility, Plans and Specifications, and Construction costs (all cost-shared items: Fed. 75%/Non-Fed. 25%)

Note: The District now has two completed Section 1135 projects—Green Island, Iowa and Mississippi River Mast Tree.

Potential projects for Section 1135 PRP development:

- Nahant Marsh, Scott County, IA (Cong. Dist. IA-01). A letter was recently received from the City of Davenport. We will initiate a PRP with the remaining FY00 PRP funds. No additional PRP funds are expected in FY01. Kickoff meeting scheduled for 5 October 2000.
- Hennepin Levee and Drainage District, Putnam County, IL (Cong. Dist. IL-18)
- Thompson Levee and Drainage District, Fulton County, IL (Cong. Dist. IL-17). Site visit took place 7 Jun 00. The Nature Conservancy is receiving considerable objection to their proposed restoration plan (i.e., reconnecting the site with the Illinois River)

E. Section 205 Program Summary

SECTION 205, Small Flood Control

Cong. District	Total Est. Const. Costs (\$000)	Project & PWI No.	Stage/ % Complete	Authority	Status
IL-18	5,600.0	East Peoria, IL PWI No. 091606	P&S 99%	205	MVD approved the project for implementation in Jun 00 and commitment of construction funds from HQUSACE was received in Jul 00. PCA execution coordination on-going with local sponsor.
IA-02	4,160.7	Cedar Falls, IA PWI No. 091526 98-C-0019	CONST 99% (Aug 00)	205	Reworking of embankment to bring up to design slopes and grades has been completed. JOC flood storage building construction to occur in September. City remains displeased with finish quality of promenade sidewalk concrete.
IL-17	2,373.0	Liverpool, IL PWI No. 091101 97-C-0035	CONST 100%	205	Project completed. As-built documentation and O&M manual are complete. Real estate credits are being validated. Riprap has been placed on a section of riverside levee via JOC contract. Financial closeout information being collected.
IL-11	2,350.0	S.E. Ottawa, IL PWI No. 091230 98-C-0017	CONST 100% (Apr 00)	205	Construction is complete. As-built documentation and O&M manual are in progress. Financial closeout information being collected.
IA-04	415.4	Raccoon Rvr, IA (Stage II) PWI No. 091242 99-C-0012	CONST 100%	205	Construction is complete. As-built documentation and O&M manual are complete. Financial closeout is in progress. ED-D held a financial coordination meeting with the city on 3 Aug 00.
IA-01	5,000.0	Mad Creek at Muscatine, IA PWI No. 150096	FEAS 25%	205	Work efforts continue on the feasibility study. Surveys and H&H work items being accomplished by A/E contract. A/E H&H contractor is behind schedule but should be complete by 30 Sep. HTRW Phase I surveys are complete. Limited Phase II investigations will be required.

POTENTIAL NEW SECTION 205's (listed in priority order):

Norway Dover Drainage District, WI (Cong. Dist. WI-01).

The Racine County Drainage Commission has requested assistance in reducing flooding in the Norway Dover Drainage District by their letter of assurance dated 14 Jun 00. They propose realignment of an existing drainage canal to reduce flooding of 5,500 acres of farmland and numerous homes. A meeting and tour of the site was held on 17 Aug 00.

Pekin and La Marsh Drainage and Levee District, IL (Cong. Dist. IL-18).

The district has requested assistance with construction of a new pump station by their letter dated 28 Apr 00. Their existing pump station is not adequate and may be a candidate for reconstruction under PGL 50.

Clinton, IA (Cong. Dist. IA-01).

City officials and their A-E firm have requested the Corps to determine planned sanitary and storm system drainage changes' impacts to the existing flood damage reduction project. Potential exists for changes to ponding areas, additional pumping capacity and/or a levee raise in low-lying areas. A sample letter of assurance was provided to the city and A-E firm on 12 Jul 00.

East-West Creek at Riverton, IL (Cong. Dist. IL-18).

Congressman La Hood has requested authorization for a flood damage reduction project in a letter to the Water Resources and Environment Subcommittee dated 1 Mar 00. This project appears appropriate for a Section 205 project. No formal request or letter of assurance has been received from the community.

Dyersville, IA (Cong. Dist. IA-02).

The city of Dyersville experienced flooding in May 99 and subsequently requested Section 205 assistance. The Rock Island District previously did a negative report, and a recent analysis still does not support a Federal interest. We are pursuing a Section 22 project with the city to help them with various water resources issues.

Central City, IA (Cong. Dist. IA-01).

MVR representatives met with city officials on 28 Mar 00 to discuss flood impacts the city incurred two times in 1999. A railroad bridge over the Wapsipinicon River impedes natural flows during high water events and caused flooding along the left descending bank properties. Received a letter of assurance from the city dated 17 May 00.

F. Section 14 Program Summary

SECTION 14, Emergency Streambank/Bankline Protection

Cong. District	Total Est. Const. Costs (\$000)	Project & PWI No.	Stage/ % Complete	Authority	Status
MN-02		Jackson County, MN Twp Rd 65 PWI No. 162879	PDA 80% (Aug 00)	14	Non-Federal sponsor has decided to relocate this road using Minnesota's Rustic Roads program support. Termination report has been submitted; excess Federal funds have been revoked.
IA-02	310.0	Jackson County, IA Highway 52 at Bellevue, IA PWI No. 161360	PDA 80% (Mar 01)	14	Mussel survey conducted 25 Apr 00 revealed the presence of Higgins' eye (<i>Lampsilis higginsii</i>) mussels. EA is in draft form and should go out in next 7-10 days.
MO-09	700.0	Scotland County, MO State Route A PWI No. 163318	PDA 80% (Dec 00)	14	Environmental coordination period will end 17 Aug 00. PDA should be forwarded to MVD by end of month.

POTENTIAL NEW SECTION 14's (listed in priority order):

Webster County, IA (Cong. Dist. IA-05).

Sewage lagoons at Coats Addition, just south of Coalville, IA, are being threatened by Des Moines River erosion. This is MVR's first priority Section 14 project. Non-Federal sponsor is Webster County, Iowa. Received LOA 2 Feb 00. Requested funds to begin project from MVD on 7 Feb 00. No funds are available for new-start projects in FY00.

Rock Island County, IL - County Highway 64 along the Rock River (Cong. Dist. IL-17).

MVR received a letter from Rock Island County, dated 16 Sep 99, providing local cost-share assurances to begin a streambank protection project. This work could be a potential new start project for FY01, depending on its priority ranking among other candidates. Eligibility checklist and request for funds are being prepared at this time.

Sac & Fox Tribe, Tama, IA (Cong. Dist. IA-02).

Tribe wants to protect historic pow-wow grounds and settlement area along the Iowa River from erosion. The Tribe provided a letter of assurance dated 24 Aug 00. Eligibility checklist and request for funds are being prepared at this time.

Granville, IL (Cong. Dist. IL-18).

Several manholes from the village combined sewer overflow system are exposed and being eroded along All Forks Creek. MVR visited the site in Nov 99 and Apr 00. Preliminary cost estimates have been developed and provided to the city. No letter of assurance has been received to date.

Eldon, IA (Cong. Dist. IA-03)

Erosion and sloughing of the Des Moines River banks are threatening a city sewer manhole and sewer lines. Approximately 5 feet of unstable foreshore remains. A site visit took place on 12 May 00 and a follow-up letter to the city and Senators Grassley and Harkin is forthcoming. Erosion sites such as this also will be addressed in the Lower Des Moines River initial appraisal later this year.

Marion County, MO (Cong. Dist. MO-09).

County Road 150, along Fabius River - Two sites (Road 150 and State Route A) have been identified. MVR requested \$10,000 to initiate this study on 3 May 96. Letter of intent from sponsor dated 10 Oct 94 is on file. Spoke with county engineer on 6 Oct 98 and Road 150 is the county's first priority.

G. Section 208 Program Summary

SECTION 208, Clearing and Snagging for Flood Control

POTENTIAL NEW SECTION 208's:

Washington County, IA (Cong. Dist. IA-03).

Received a request from a farmer about a large debris blockage on the Skunk River near Brighton, Iowa. After coordinating with the Iowa DOT, a site visit took place on 4 Apr 00. Debris blockage and channel aggradation have developed since a DOT channel straightening project was completed 25-30 years ago. Follow-up letter to area farmer and NRCS was provided on 9 May 00.

Henry County, IL (Cong. Dist. IL-17).

Special Aqueduct Drainage District commissioners requested Corps assistance in snagging and clearing debris in the Green River near Colona, Illinois. The blockage, located on the left descending bank, is just above an Iowa Interstate Railroad bridge abutment. At this time, channel flow is minimally affected. Follow-up letter and trip report were sent to the drainage district on 11 May 00.

H. Section 206 Program Summary

SECTION 206, Aquatic Ecosystem Restoration

Cong. District	Total Est. Const. Costs (\$000)	Project & PWI No.	Stage/ % Complete	Authority	Status
IA-03	7,600.0	Whitebreast Watershed Restoration Project, IA PWI No. 162937	ERR 65%	206	Progressing smoothly but the schedule is very tight. Draft ERR/EA scheduled for completion by Dec 00. Lack of funding in FY01 may limit progress.
WI-02	4,700.0	Token Creek Watershed Restoration, WI PWI No. 164249	ERR 55%	206	Progressing smoothly. Lack of funding in FY01 may limit progress.
WI-02	5,800.0	Lake Belle View, WI PWI No. 164774	ERR 65%	206	Progressing smoothly. Lack of funding in FY01 may limit progress. The sponsor received a letter of endorsement from George Meyer, Secretary of the WI DNR.
WI-02	2,800.0	Koshkonong Creek PWI No. 164649	ERR 12%	206	The contract has been awarded. The Corps-sponsor-contractor kickoff meeting scheduled for 13 Sep 00 went well. Coordination letter will be mailed this month.
WI-09	800.0	Jefferson Fish Passage, WI PWI No. TBD	PRP 100%	206	PRP sent to MVD on 17 Feb 00 for approval. PRP has been approved by MVD. Awaiting FY01 funding.
IL-11	2,200.0	Kankakee River, IL PWI No. TBD	PRP 100%	206	PRP sent to MVD on 17 Feb 00 for approval. MVD approved the project. Awaiting FY01 funding.
WI-09	600.0	Brodhead Fish Passage, WI PWI No. TBD	PRP 100%	206	The PRP has been forwarded to MVD for approval.
IA-01	5,600.0	Clear Creek/Iowa Rvr, IA PWI No. TBD	PRP 100%	206	The PRP was mailed to MVD for project approval on 8 May 00. MVR is preparing responses to MVD comments. The reply will be emailed by 11 Oct 00.
IA-03	TBD	Yellow Springs PWI No. TBD	PRP 0%	206	We are helping the locals form a sponsorship entity. The PRP formulation is limited until a project focus and sponsorship is agreed to.
IL-11	TBD	Huse Lake, IL PWI No. TBD	PRP 0%	206	The PRP formulation stage has been delayed due to the identification of contaminants around the project area. EPA has the lead on cleanup.
IL-17	TBD	Honey Creek, IL PWI No. TBD	PRP 0%	206	We recently received a letter of request from Henderson County Board of Supervisors. We will initiate a PRP with the remaining FY00 PRP funds. No additional PRP funds are expected in FY01.
IA-03 MO-09	TBD	Fox River, IA-MO PWI No. TBD	PRP 50%	206	A headcut near the IA-MO border is threatening significant acres of wetland and riverine habitat. We have support from Van Buren County, IA. Clarke County, MO, has chosen not to participate in the project despite the headcut's current location within Missouri. Project implementation will be limited to Iowa where grade control structures are proposed to protect wetland cells and floodplain habitat.
WI-09	TBD	Lake Koshkonong, WI PWI No. TBD	PRP 80%	206	PRP has been drafted. An ITR will be initiated by 16 Oct. Scheduled completion 31 Oct 00.
WI-09	TBD	Duck Creek/Fairmount Wetland Restoration, IA PWI No. TBD	PRP 60%	206	PRP being formulated. Scheduled completion 31 Nov 00.

Potential projects for Section 206 PRP development:

- Fort Dodge, Webster County, IA (Cong. Dist. IA-05)
- Horicon Marsh, Dodge County, WI (Cong. Dist. WI-09)
- Maquoketa River Watershed, nine counties in northeastern Iowa (Cong. Dist. IA-02)
- Wapsipinicon River Watershed, Clinton, Scott, Cedar Counties, IA (Cong. Dist. IA-01)
- Boston Bay Island/Greater Eliza Creek, Mercer County, IL (Cong. Dist. IL-17)
- Albert Lea, Freeborn County, MN (Cong. Dist. MN-1)

I. Section 204 Program Summary

POTENTIAL SECTION 204 (Beneficial Use of Dredged Material) PROJECTS:

- Oquawka Area/Henderson Levee and Drainage District #3, Pool 18, IL (Cong. Dist. IL-17). Potential project with IL DNR acting as cost-share sponsor. Meeting took place 9 Mar 00. IL DNR staff has formulated a proposed concept. The concept is under consideration by the IL DNR Executive Staff. A recent letter to the IL DNR asked for reaffirmation of their support for the project. No response has been received.
- Blackhawk Bottoms, Pool 19, IA. (Cong. Dist. IA-03). Potential project with IA DNR acting as cost-share sponsor. Coordination is under way along with the ongoing DMMP effort.

J. Upper Mississippi River - Illinois Waterway System Navigation Study

Because recent observed traffic volumes moving on the UMR and IWW differ from past forecasts, the Corps contracted a review of the long-term traffic forecasts. The original traffic forecasts considered data observed through 1993. The contractor reviewed and updated the forecasts and provided a new draft forecast report. Grain transportation and economic subject-matter experts from North Dakota State University reviewed this report. The Corps determined that the revised traffic forecasts, which are lower than the earlier forecasts, should be used in estimating project benefits and economic impacts. The study schedule called for a draft Feasibility Report and Environmental Impact Statement (EIS) to be available for public review by September 30, 2000. The revised schedule announced today calls for this public review to begin in September 2001. The study schedule was revised to allow incorporation of the revised traffic forecast data into the alternative plan evaluations. Alternatives must be evaluated for site-specific and system-wide environmental effects, and measures to avoid and minimize or mitigate these effects must be developed. For further information, please call Denny Lundberg, Regional Project Manager, at 309/794-5632, or Dave Tipple, Project Manager, at 309/794-5399. Information is also available through the Navigation Study website at: http://www.mvr.usace.army.mil/pdw/nav_study.htm

III. ST. PAUL DISTRICT (MVP)

A. Navigation

1. Channel Maintenance - A listing of the 2000 dredging is available on the District's Internet home page. The contract for adding topsoil and seeding of the lower pool 2 placement site was awarded in October. Excavation of the Wilds Bend placement site in pool 5A began in June in combination with the Polander Lake EMP project. Island construction in Polander Lake is nearly complete. The remaining material is being pumped to the gravel pits in Minnesota City. The mechanical dredging contractor began excavation of the Dakota Island placement site (pool 7) in September. An estimated 50 - 75,000 cy of material will be excavated this fall and barged to the Hot Fish Placement Site. The plans and specifications for excavating the McMillan Island placement site in pool 10 are being reviewed. Coordination with the public was completed in May and continues with the resource agencies and landowners. Advertisement of the contract is scheduled for August 2001. Government hired labor completed shoreline stabilization work at Lost Island and modifications to MN4 and MN5 rock closure structures in Weaver Bottoms (Pool 5) in August. Additional work scheduled for completion or initiation in 2000 by Government hired labor includes reshaping and landscaping at Corps Island in pool 3 and at several placement sites in lower pool 4.

2. Channel Management Studies --

a. Lower Pool 8 - Government hired labor began work on the side channel closure at Island 116 in May and completed work in July. Revetment notching at Mile 683.5 was completed in July. Additional shoreline stabilization and wing dam work is planned following the pilot drawdown of pool 8, which was postponed until 2001. Anticipated benefits include reduced channel maintenance costs, fishery benefits and improved recreation opportunities.

b. Pool 5 - Construction of channel modification work in upper pool 5 resumed in April 2000 and will be completed this year. Approximately 80 percent of the project was constructed in 1999. Notching of four wing dams and stabilizing the entrance channel to Probst Lake will be delayed until there is sufficient water depth for equipment access, possibly not until the spring of 2001. Recommended island construction using channel maintenance material is being pursued and may be implemented in 2001 pending On-Site Investigation Team approval. Additional modification work is also being considered at the Weaver Bottoms side channel closures. The interagency task force for the Weaver Bottoms project is evaluating project modifications recommended at a February public meeting.

c. Pool 3 and Upper Pool 4 - A study of this reach began in 1998. A public meeting was held in Red Wing, MN on 27 March 2000. Detailed planning of project features is underway. The study is scheduled for completion in 2001.

d. Lower Pool 2 - An interagency kick-off meeting was held in February 2000. The study focus is currently on data collection. The bulk of the study is scheduled to be completed in FY 2001.

e. Lower Pool 4 - The study will be initiated with an interagency meeting on 24 October 2000.

3. Lock and Dam Rehabilitation - Fiscal year 2000 construction activities included work on new control buildings and electrical controls (Stage 2) at Lock & Dam 5A and 7; sandblasting and painting the service bridges at Lock & Dam 7; crane rail metalizing and crane carrier installation at multiple sites; and Stage 2 of the cribwall rehabilitation at Lock & Dam 1. Pending construction starts for fiscal year 2001 include new control buildings and electrical controls (Stage 2) at Lock & Dam 8; gate painting at Lock & Dam 4; crane rail metalizing and carrier installation at multiple sites; and dam painting at Lock & Dam 9.

4. Water Level Management - The final implementation report for a pilot pool drawdown in pool 8 was approved by the Mississippi Valley Division in September 1999. The recommendation is to implement a 1½-foot drawdown at Lock & Dam 8, with a maximum water level reduction of ¼-foot at the La Crosse gage. The pilot pool drawdown was scheduled for this past summer. However, low river discharges and spring forecasts for a dry summer resulted in the drawdown being postponed to the summer of 2001.

5. Lock and Dam 3 Navigation Safety and Embankments - A notice of intent to prepare a Draft Environmental Impact Statement (EIS) has been published. A meeting with agencies and other stakeholders was held on 31 August. A broad conceptual list of alternatives was developed. A meeting was held recently with the Wisconsin DNR and the private hunting

club (whose lands are depended upon to help maintain pool 3) to facilitate resolution of serious issues regarding public access - this was a successful meeting. It is scheduled to complete a re-evaluation report in the fall of 2001.

B. Upper Mississippi River System Environmental Management Program

1. Polander Lake, MN – The contractor for the second stage of the project began island construction in early June. The island construction is being accomplished jointly with the unloading of the Wilds Bend placement site. The islands are in place and are being covered with fine material. Construction is scheduled for substantial completion by 14 November 2000. The EMP funded portion of the contract is about \$1.4 million.
2. Trempealeau NWR, WI – Contract closeout is underway. Repair of ice damage to dike A and other minor work is being pursued. Pool A was drawn down about 2½ feet during the summer and will remain down over the winter. A project dedication will be planned after all of the repair work is completed.
3. Mississippi River Bank Stabilization – Construction at all sites recommended for stabilization in pools 6, 9 and 10 has been completed. An O&M manual will be prepared this year and the project turned over to the U.S. Fish and Wildlife Service (USFWS).
4. Pool 8 Islands Phase II, WI – The project was completed in September 1999. Tree plantings were completed in June. The project will be turned over to the USFWS in October 2000.
5. Spring Lake Islands, WI – Project alternatives are being formulated. An interagency site visit is scheduled for 30 October to discuss goals and objectives. A preliminary draft Definite Project Report will be prepared this year.
6. Pool Slough, IA/MN – The final Definite Project Report is being prepared to reflect all comments received and to accommodate the design and site changes. A major change in course of Winnebago Creek is requiring additional evaluation of the USFWS portion of the project.
7. Long Lake, WI – Contract closeout is underway. The project was turned over to the USFWS on 28 September 2000.
8. Ambrough Slough, WI – The proposed dredged material placement site is no longer available, so a search for alternate placement sites is underway. The final Definite Project Report is scheduled for completion in December 2000.
9. Harpers Slough, IA/WI – A meeting with the agencies to discuss alignments, habitat evaluation, and borrow sites was held on 10 October. A preliminary draft Definite Project Report will be prepared this year.
10. Capoli Slough, WI - Project objectives and alternatives are being developed. A draft Problem Appraisal Report is scheduled for completion in November 2000.
11. Long Meadow Lake, MN – The project team made a site visit on 12 September. Project objectives are being formulated that will focus on Lower Long Meadow Lake. A preliminary draft Definite Project Report is scheduled for completion in 2000.
12. Pool 8 Islands Phase III, WI/MN – The Problem Appraisal Report was completed in June 2000. Development of island alternatives is being coordinated with the agencies. A preliminary draft Definite Project Report is scheduled for March of 2001.
13. Conway Lake, IA, and Lake Winneshiek, WI – General design is scheduled to begin this fiscal year.
14. Economic Impacts of Recreation - The technical summary report is available to interested parties on the Internet at web site:
http://www.umesc.usgs.gov/reports_publications/recstudy.html.
WES has provided additional details in Technical Report EL-95-16 (April 1995).
15. UMRS Survey of the General Public - Survey results and analysis of how management preferences group together and the differences across regions are posted on the St. Paul District web page, including question-by-question responses, at web site:
<http://www.mvp.usace.mil/pp/umrp/nrs/riverresource/riverresource.html>.

16. Habitat Needs Assessment (Public Involvement Team) – A series of focus group meetings were held last summer to identify more specific public expectations for future UMRS habitat conditions. The HNA management team is conducting the next phases of public involvement work with the assistance of an outside contractor. Details of the HNA are posted on the Internet at web site:

http://www.umesc.usgs.gov/habitat_needs_assessment/emp_hna.html.

17. Habitat Needs Assessment - The draft HNA Summary Report has undergone review by the Technical Committee and has been submitted for review to Mississippi Valley Division. The final HNA Summary Report will be published and distributed in November. The much larger HNA Technical Report has also undergone review by the Technical Committee and will be completed in November. A GIS-based HNA Query Tool has been developed to display and report on the spatial occurrence of habitats and species. CD's with the HNA Query Tool will be distributed with the Technical Report.

18. Monitoring of Habitat Projects - Monitoring of 13 projects was conducted this year with the assistance of the States, USFWS, and UMESC. Completion reports for six projects are being prepared for completion this year. The District is preparing the list of fiscal year 2001 monitoring tasks and will be coordinated with the partner agencies.

19. Biological Response Monitoring of Habitat Projects - A final synthesis report of the study results for Finger Lakes was completed and published by the UMESC. Four publications about the Finger Lakes study have been published in professional journals, and additional manuscripts are being prepared.

20. Project Planning Process – The District is working on a proposal to provide a more planned, scientifically sound process for conducting habitat project work. It will include more emphasis on system-wide habitat goals as described in the HNA, develop more explicit pool and river reach plans, apply the principles and methods of conservation and restoration ecology, outline institutional arrangements, and present a public involvement plan. The proposal will require coordination with river managers, participating agencies, the EMP Coordinating Committee, and higher levels of Corps management.

C. Natural Resource Management Activities

1. Recreation Management - The River Resource Forum's Recreation Work Group has completed a comprehensive access inventory and, with the assistance of the UMESC, has produced GIS-based inventory maps of the navigation pools in the St. Paul District. Recreational boating data has been collected for six seasons (89, 91, 93, 95, 97, & 99). This data has been built into ArcView 3.1 by St. Mary's University (SMU). SMU is also completing a trends analysis of the boating study data for pools 7 and 8. Recreational Beach Management Plans have recently been completed for pools 3 and upper 4. A draft beach management plan is being worked on for pool 2, and preliminary work is underway to update the plans for pools 7 and 8.

2. Forest Management – Corps forestry staff are currently participating in an interagency effort to develop a report on the status of floodplain forest resources along the Upper Mississippi and Illinois Rivers, along with recommendations for management. The Wildlife Technical Section of the Upper Mississippi River Conservation Committee is sponsoring this work. Twenty acres of post-harvest area in pool 8 was treated with herbicide this past summer to control herbaceous vegetation and promote natural revegetation of bottomland hardwoods. Reforestation work was completed at Rosebud Island and Long Lake in pool 7, and at Island 116 in pool 8. Monitoring for the Gypsy moth continues.

3. O&M Program Habitat Projects – Several projects designed to protect fish and wildlife habitat were completed this year using Corps' O&M funding. In pool 5, a channel liner and bank protection were installed at Probst Lake to maintain important winter fisheries habitat. The Island 116 project in pool 8 included protection of island habitat and an adjacent backwater using shoreline protection and a closing structure with an opening for recreational boats. The Lost Island Chute in pool 5 received bank protection to maintain terrestrial habitat on Sommerfield Island and aquatic habitat in Lost Island Lake. The Corps' Maintenance and Repair crew completed all of the construction for the three projects.

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