

**ENVIRONMENTAL MANAGEMENT PROGRAM
COORDINATING COMMITTEE**

Winter Quarterly Meeting

February 27-28, 2001

AGENDA

**BACKGROUND
AND
SUPPORTING MATERIALS**

**DoubleTree Hotel Minneapolis Airport at the Mall
Bloomington, Minnesota**

Wednesday, February 28 EMP Coordinating Committee
(Continued)

- C 10:05 HREP Prioritization Process**
 • Revised Framework
 • Pool Planning Update/HNA Refinement
Teresa Kincaid, Corps of Engineers
- D 11:15 EMP Public Involvement Strategy**
 • Objectives
 • Next Steps
Teresa Kincaid, Corps of Engineers
- 11:45 Other Business**
 • Future Meeting Schedule and Agenda Items
- 12:00 noon Adjourn**

Additional Attachments — Items Not the Subject of a Presentation

- E** Corps Activity Report

ATTACHMENT A

Minutes of the November 16, 2000 EMP-CC Meeting

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

**November 16, 2000
Fall Quarterly Meeting**

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

Charlie Wooley of the U.S. Fish and Wildlife Service called the meeting to order at 8:03 a.m. on Thursday, November 16, 2000. Other EMP-CC members present were Steve Cobb (USACE), Leslie Holland-Bartels (USGS), Scott Stuewe (IL DNR), Kevin Szcodronski (IA DNR), Steve Johnson (MN DNR), Gordon Farabee (MO DOC), Terry Moe (WI DNR), and Bob Goodwin (MarAd). A complete list of attendees is attached.

Minutes of the August Meeting

Gordon Farabee moved and Kevin Szcodronski seconded a motion to approve the minutes of the August 10, 2000 EMP-CC meeting as written. The motion carried unanimously.

Program Management

FY 00 Fiscal Performance Year-End Report

Teresa Kincaid announced that Leo Foley has left the Army Corps of Engineers for a job in the private sector. A nationwide search is underway for his replacement and the posting is open through December 13. Until a candidate is selected, Kincaid will serve as the EMP's acting regional program manager.

Kincaid distributed a revised spreadsheet. According to Kincaid, the EMP's FY 00 allocation was \$17.7 million. Expenditure rates for the LTRMP and HREP components were approximately 100 percent and 98 percent, respectively. She expressed satisfaction with these rates and noted that there were 17 habitat projects in design and another 17 in construction during FY 00. Terry Moe requested an overview of HREP evaluation and monitoring activities at a future meeting. Moe noted that the spreadsheet combines the Fish and Wildlife Service's program management costs and the UMRBA's EMP-CC coordination costs as a single line item labeled "other" under the program management category. He requested that these costs be separated in future spreadsheets.

FY 01 Appropriations and Allocation

Kincaid reported that Congress appropriated \$21.0 million in FY 01 funding for the EMP. The FY 01 savings and slippage rate for the Corps' construction general account is 16 percent. This

translates to a \$3.36 million savings and slippage reduction for the EMP. Administrative costs will also be taken off the top, leaving \$17.53 million to allocate between the HREP and LTRMP components. Using the 31.4/68.6 percent formula, this means \$5.504 million for the LTRMP and \$12.026 million for HREPs. Kincaid said the districts received their allocations recently and MVR will transfer LTRMP funding to USGS in the near future.

In response to questions from Terry Moe, Kincaid said she would make inquiries regarding the status of the Pool 11 Islands and Bertom McCartney projects. Gordon Farabee asked about the increase in the savings and slippage rate from the previously estimated 10 percent. Kincaid explained that the 10 percent figure was identified for planning purposes. According to Kincaid and Steve Cobb, the actual rate is set annually by the administration and reflects a variety of factors, including the level of Congressional appropriations and the prior year's fiscal performance. Rates are set independently for each of the Corps' major accounts (i.e., general investigations, construction general, etc.), but apply to all projects and programs within each account. Greg Ruff commended the EMP team on the program's excellent FY 00 fiscal performance. He noted that fiscal performance is a key factor determining a program's success in competing for funds.

Partnership Issues

Scope of Work for Service Tasks

Steve Cobb recounted the exchange of letters between the Service and the Corps regarding funding transfers to the Service. In keeping with General Anderson's June letter, the Corps will transfer approximately \$300,000 in FY 01 to support the Service's HREP planning activities. Cobb reported that Corps and Service staff are developing a scope of work and negotiating the specific activities that will be funded under the SOW. Cobb said the Corps will share the SOW with the full EMP-CC when it is completed. Terry Moe expressed concern with the process, noting that Leo Foley had previously indicated the program partners would have an opportunity to comment on the scope while it was still in draft form. Cobb and Charlie Wooley emphasized the Corps and Service frequently transfer money between the two agencies and that they are following standard procedures in this instance. Moe requested an opportunity to review the SOW prior to its finalization in future years.

Corps and Service Responses to States' Joint Letters

Holly Stoerker asked Wooley to elaborate on the Service's O&M capability for future HREPs and his recommendations for addressing the issue. Wooley said a collective effort is needed to increase annual appropriations for refuge O&M. He indicated that the Service will continue to consider new HREPs on refuge lands for the next few years. At the same time, however, Region 3 will be pursuing a comprehensive solution to its refuge O&M needs. According to Wooley, if there is not an increase in O&M funds, the Service will have to stop accepting new HREPs at some point. Noting the lack of refuge land below St. Louis, Gordon Farabee encouraged the Service to try to acquire refuge land on the Middle Mississippi.

Stoerker recalled that the states' letter to Director Clark specifically raised the possibility of a state assuming O&M responsibility for an HREP built on refuge lands if the Service is unable to make this commitment. Wooley said the Service would not enter into such an agreement

with a state. He emphasized the Service's responsibility for ensuring that it can maintain projects built on its refuges. He also stressed the Service's desire for a comprehensive solution to its O&M funding shortfall.

Habitat Needs Assessment

Overview of HNA Report

Scott Whitney described the HNA products, explaining that the detailed information is in the 250-page technical report and its accompanying appendices. These materials will not be broadly distributed in hardcopy, but will be available digitally. Approximately 2,000 copies of the summary report will be printed for broader dissemination. Whitney emphasized the potential to enhance the GIS query tool as more data become available. He also reported that efforts are underway to make the query tool accessible to non-ArcView users.

Whitney acknowledged that there was some criticism of the HNA's public involvement process, but emphasized that there was also valuable input. He stressed the importance of informing the public before asking for their feedback and recommendations. Public input to the HNA primarily focused on the following priorities: 1) increased fish and wildlife, 2) clean and abundant water, 3) reduced sediment and siltation, 4) balance among competing uses and users, and 5) enhanced opportunities for communication and involvement. Whitney explained that, because the HNA is not a decision document, the Corps does not have a standard procedure for soliciting public comment on it. He said that the summary report will identify a source for additional copies and a place to submit comments.

Partner and Stakeholder Feedback

Charlie Wooley asked what action, if any, the Corps is seeking from the EMP-CC prior to finalizing the HNA report. Whitney noted that the partner agencies have already had two opportunities to comment on versions of the draft summary report. Steve Cobb clarified that the Corps is not seeking EMP-CC approval of the report but would be interested in any final comments. Cobb indicated that the Corps is prepared to finalize the summary report in its current form.

Steve Johnson expressed concern that the summary report as currently drafted does not refer specifically to the HNA's use in planning EMP HREPs. Whitney said specific reference to HREPs was avoided in recognition of the HNA's multiple applications. Johnson and Terry Moe expressed opposition to this approach, emphasizing that the HNA was conducted for the EMP and that this connection should be explicit in the summary report.

Johnson said the draft summary report does not adequately explain the limitations of the HNA. Specifically, he said the constraints imposed by time, money, and reliance on the navigation study's cumulative effects document should be discussed explicitly. Johnson also expressed concern that the draft report does not clearly identify its authors and contributors. Whitney said the Corps would like to use the partner agencies' logos on the rear cover of the report as a reflection of its authorship. Moe and Johnson voiced opposition to this approach, noting that the report as drafted is not a consensus document. In particular, Moe noted that several of Wisconsin's previous recommendations have not been incorporated. Johnson also asked for

clarification of the desired future habitat data presented on p. 51 of the draft summary. Specifically, Johnson questioned the target of restoring or creating 3,500 additional acres of main channel habitat in Pools 1-13. Chuck Theiling said he would need to review the data before being able to explain the origin of that figure.

Scott Stuewe said that, to the best of his knowledge, Illinois has no major problems with the summary report as drafted. Stuewe said he would confirm this with Bill Bertrand, who participated actively in development of the HNA. Gordon Farabee emphasized that the HNA is a tool for assessing and prioritizing HREPs. Farabee said he views use of the partners' logos as a symbol of their support for, and involvement in, the HNA process. He expressed hope that all five states would agree to have their agency logos on the report, but said no partner logos should be used if all are not used. Kevin Szcodronski concurred with Farabee and urged the program partners to resolve the outstanding concerns regarding the draft report.

Next Steps

Cobb said the Corps will consider and accommodate Minnesota and Wisconsin's concerns to the extent possible. In particular, he said the summary report would be modified to:

- explicitly link the HNA to the HREP program,
- add an acknowledgements page and introductory text clearly identifying the report's authorship, and
- add text to the concluding portion of the report clearly acknowledging the assessment's limitations.

Cobb emphasized that he is trying to address concerns already raised but does not want to initiate another full-scale document review. Bob Clevenstine cautioned that modifications designed to acknowledge data and time limitations should not undermine the analyses that were done. Moe questioned whether a satisfactory compromise will be reached, noting that the issues being raised are not new. Moe and Johnson said they are not willing to have their agency logos appear on the report unless their concerns are addressed satisfactorily. Whitney and Mike Thompson also expressed skepticism regarding resolution of some of the outstanding issues, agreeing with Moe that the HNA Technical Committee has previously considered them. Wooley emphasized that the issues have now been elevated to the EMP-CC level and said every effort should be made to resolve them.

In response to a question regarding the process for finalizing the HNA, Greg Ruff explained that the Corps would like, but does not require, EMP-CC endorsement of the HNA report. Ruff said MVD views the HNA as having been essentially completed by the September 30, 2000 deadline. MVD will submit the report to Corps headquarters for information purposes and for forwarding to the Assistant Secretary's office. The HNA is not subject to headquarters or ASA approval.

After some further discussion, it was agreed that revised language would be circulated to the EMP-CC members, with the objective of achieving a report that all member agencies can endorse. Members will make decisions regarding inclusion of their agency logos on the document after reviewing the report changes. December 15 was selected as the target date for

completing work on the summary report. In addition to working on the revisions, Deb Foley said the St. Louis District will prepare written responses to comments it has received on the report.

HREP Prioritization Process

Scott Whitney summarized the Corps' approach to restoration planning for the UMRS, based on the goal of preserving, enhancing, and restoring essential ecosystem structures and functions that have been altered or eliminated by disturbance. He noted that resources must be directed throughout the system, and said the HNA will be used for projects under a range of Corps authorities, including Sections 204, 206, and 1135 and avoid and minimize, as well as the EMP. Terry Moe expressed concern that the EMP is providing all the resources for the HNA while other programs will benefit from it. Whitney observed that there are many factors contributing to habitat degradation and that there are technical, economic, and social limits on the restoration that can be achieved.

Whitney outlined the following six-stage prioritization process:

- Stage I: Identification of project need
- Stage II: Development of project fact sheet
- Stage III: District ecological evaluation
- Stage IV: Administrative evaluation
- Stage V: Approval
- Stage VI: Execution

Steve Cobb reported that the Corps is also developing a plan to implement WRDA 99's provision for an EMP Independent Technical Advisory Committee. MVD anticipates sharing this plan with the EMP-CC in February, submitting it for HQ approval later in FY 01, and implementing the team in FY 02. Cobb said the advisory committee likely will have some involvement in the HREP prioritization process but will not serve the function of the System Ecological Team identified in the May 1, 2000 draft prioritization framework. Cobb said it is unlikely that the Advisory Committee would rank individual projects, but will instead provide more general guidance. Several EMP-CC members expressed confusion regarding how the prioritization process outlined by Whitney and the Advisory Committee described by Cobb relate to the May 1 prioritization framework endorsed by the EMP-CC at its August meeting.

Bob Clevestine described the Fish and Wildlife Interagency Committee's (FWIC's) pool planning efforts. This approach will replace the weighted matrix previously used to prioritize HREPs. The FWIC will first establish pool and reach needs/goals and then identify a logical sequence of steps to meet those goals. These will be reflected in an updated FWIC document and forwarded to the River Resources Coordinating Team (RRCT) for packaging into projects under appropriate authorities and capabilities (e.g., Sections 204, 206, and 1135; EMP; and avoid and minimize). In response to a question from Terry Moe, Clevestine said he understands that MVP's Fish and Wildlife Work Group (FWWG) will also drop its weighted matrix as part of its pool planning approach.

Clevenstine explained that pool and reach needs will be identified using the HNA, pool plans, and other available information and will be based on ecological factors, not administrative boundaries or program limitations. The FWIC plans to hold open house public workshops concerning its draft pool plans in mid-winter. The plans will be revised after the workshops and packaged as FWIC Goals and Objectives for Management of Pools 11-22, Version II. The sequenced objectives will constitute the FWIC's priority list, which the RRCT will then review for administrative considerations, such as suitability for various program authorities, cost share issues, and O&M issues.

Whitney presented a flowchart outlining a proposed HREP prioritization process. The flowchart engendered numerous questions regarding its relationship to the May 1 framework previously endorsed by the EMP-CC and concerning the roles of various existing and proposed groups. Several EMP-CC members indicated that they could not comment on the new flowchart because this was their first exposure to it. Kevin Szcodronski observed that the flowchart is confusing in part because it includes both the Corps' internal process and the interagency coordination effort. It was agreed that MVR would continue working on the prioritization process and distribute revised materials no later than January 29 for consideration at the EMP-CC's February 28 meeting. Teresa Kincaid said the revised materials would explain any modifications to the EMP-CC-endorsed May 1 draft. EMP-CC members urged MVR to consult with the ad-hoc committee responsible for the May 1 draft when developing the new materials.

In response to a question from Moe, Kincaid said MVR will consult with the Corps, Service, and state HREP staff in revising the project fact sheet format. Szcodronski noted that state resource managers are generating new HREP ideas and asked when and how new projects will be considered. Whitney stressed the need to keep project development underway. He said the districts will continue to consider new HREP proposals under the old prioritization system until the new process is in place. Tom Quigley said MVS has already received project recommendations from Missouri DOC and Illinois DNR and is awaiting a similar list from the Service. MVS will convene the program partners after receiving the Service's recommendations.

Long Term Resource Monitoring Program

FY 00 Accomplishments

Leslie Holland-Bartels expressed satisfaction with the process that has been established for following through on LTRMP SOWs, including tracking milestones and meeting quarterly to review progress. USGS will post SOWs and progress documents on-line quarterly during FY 01. Holland-Bartels encouraged program partners to contact her with any questions.

Holland-Bartels described several of the major changes made to the LTRMP in FY 00 as part of the restructuring to accommodate a \$4.8 million base funding level:

- Bathymetric work was eliminated from the base program, but other funds were used to retain key staff.

- Sediment work in the base program was reduced to analysis only. Many pending documents were completed.
- The publication process was restructured, with staff reduced by 50 percent. The annual report is posted on the web and will be updated each year. This will reduce expenses and improve timeliness.
- Based on funding constraints, A-Team guidance, and statistical analyses, monitoring data collection and processing were reduced.

LTRMP's FY 00 accomplishments include significant report progress, successful field data collection, completion of 1989 systemic land cover/land use data, serving bathymetric data on UMESC's web site, completion of systemic 2000 air photos, and planning for future work.

FY 01 Work Plan

Holland-Bartels said goals for FY 01 and beyond include increasing the field stations' science role, pursuing question-driven work, increasing integration and multi-component analyses, increasing the emphasis on system processes, using an array of scientific approaches, and increasing linkages with other funded partner studies.

Gordon Farabee noted that he often gets questions about what LTRMP products benefit state management efforts. Farabee recommended that USGS and the A-Team collaborate on a publication describing the benefits of LTRMP data and products to managers in state and federal agencies. Holland-Bartels concurred that such a report would be quite useful. Terry Moe said Wisconsin is trying to enhance its internal coordination regarding the LTRMP. Moe anticipates that this will sharpen the state's contributions to A-Team deliberations.

Holland-Bartels reported that the Corps will transfer approximately \$5.3 million to USGS for the LTRMP in FY 01. Of this amount, approximately \$4.94 million will be allocated to the base program. This represents the agreed-upon 3 percent increase to the FY 00 base level of \$4.8 million. She noted that many base program costs have increased by more than 3 percent. The balance of the \$5.3 million FY 01 allocation will be used to fund priorities established last year. Overtarget proposals will also be developed using the August 2000 outyear plan. With monitoring and analysis consuming approximately 90 percent of the budget, Holland-Bartels noted that she is left with very little flexibility in managing the program. Several priorities will be funded at low levels and others will remain unfunded. In response to a question from Steve Johnson, Holland-Bartels said virtually all of the LTRMP base funding goes to collecting, storing, and serving data. Money for analysis in FY 00 came from overtarget funding, and she expects this will be the case in FY 01 as well.

Moe expressed support for the science-driven approach Holland-Bartels is employing in determining program direction and priorities. Moe also described Wisconsin's cooperation with a USGS effort to identify the time and expertise required for field stations to implement the base monitoring program. According to Holland-Bartels, the objective is to clearly identify the costs associated with the base program and determine whether expectations for what can be accomplished with available resources must be adjusted.

Fisheries Component Restructuring

Holland-Bartels reported that USGS has conducted analyses over the past year to assess possible ways of refining the fisheries monitoring protocol. She noted that these analyses have sparked considerable discussion, including at the most recent A-Team meeting. Based on this initial feedback, USGS will develop a revised proposal to modify the protocol and will seek further input from program partners, including fisheries technical staff, the A-Team, and the EMP-CC. Holland-Bartels emphasized that developing a modified protocol will be an iterative process and assured EMP-CC members that changes will not be implemented until there is an agreed upon protocol. USGS plans to employ a similar process of data analyses and consultation in evaluating potential changes to other monitoring components. In response to Moe, Holland-Bartels confirmed that analyses of past data will be available in a timely manner to inform discussions regarding possible protocol changes.

Other

In response to a question from Jim Harrison, Holland-Bartels reported that Bob Delaney will be working with USGS on the Lower Mississippi River. She also indicated that integration of the UMESC's east and west campus facilities in La Crosse is complete and they are now operating under a single administrative structure. Harrison asked how the monitoring efforts proposed in Representative Kind's Upper Mississippi River Basin Conservation Act (H.R. 4013) would affect the LTRMP. Holland-Bartels said the specific goals of H.R. 4013's monitoring have not yet been set and thus it is difficult to answer Harrison's question. She said the proposed monitoring does not appear to overlap significantly with the LTRMP work, though there may be some synergies.

Role and Expectations of the A-Team

Scott Whitney noted that there have been questions both within and beyond the A-Team regarding the team's role and functions. These questions were discussed at the A-Team's recent meeting. Whitney said he feels strongly that the A-Team's input is essential to the success of the LTRMP, but emphasized that team members must convey agency, rather than individual, perspectives and positions. According to Whitney, the A-Team also discussed the possibility of holding a periodic two-day workshop, with one day devoted to the LTRMP and the other to HREPs. The workshop would include broad participation and would be geared to obtaining feedback. Whitney emphasized that such workshops would not substitute for A-Team meetings.

Holland-Bartels said UMESC has not always done a good job providing the technical information and analyses needed to support and inform the A-Team's discussions. She said the center has been trying to remedy this over the past year, and she committed to providing the A-Team with the information it needs for its deliberations.

Ken Brummett said the A-Team wants to refocus its attention on technical and scientific issues, noting that the team has been distracted by fiscal issues in recent years. Brummett said discussions at the most recent A-Team meeting indicate that the team is getting back on track. Charlie Wooley thanked Brummett for his leadership efforts on the A-Team.

EMP Public Involvement Strategy

Scott Whitney reported that MVR has established an internal team to develop an EMP public involvement strategy. Goals include bringing increased consistency and focus to the EMP's public involvement efforts. He stressed the importance of effectively engaging the public in all facets of the EMP, including future revisions to the HNA, HREP identification and design, access to information and data, and articulation of a program vision. Whitney said he is not ready to circulate a proposed strategy, but encouraged EMP-CC members to provide him with their ideas. He outlined a proposed series of steps for developing the strategy and identified a variety of potential techniques, including public meetings, open houses, workshops, meetings with nongovernmental organizations, newsletters, a web site, a toll-free number, and educational videos and displays. Whitney stressed the need to consider the costs and effectiveness of these different approaches in determining how much to invest in EMP public involvement. He noted that MVR's internal team made a preliminary proposal for a three-year effort costing between \$600,000 and \$1 million.

Steve Johnson recommended adding focus groups to the mix of potential techniques. Holly Stoerker said consideration of specific approaches is premature. She urged the EMP partners to first determine the goals of the public involvement effort. For example, she said, identifying how we are going to use public input will help determine how best to obtain that input. Teresa Kincaid concurred with the importance of first establishing the strategy's goals.

Gordon Farabee expressed disappointment with public input to the HNA from the southern portions of the UMR. According to Farabee, attendance at the St. Louis and Cape Girardeau meetings was low and input was focused primarily on property rights concerns. Farabee attributed this to the lack of HREPs on the Open River. Whitney agreed and also emphasized the importance of increasing the visibility of existing habitat projects.

Jim Harrison said the public in Minnesota and Wisconsin has a strong tradition of being engaged in river issues and is accustomed to having that involvement make a difference. Harrison cautioned, however, that it is easy to overload the public with meetings if there is not coordination among programs. He stressed that the public views the river holistically, not as a series of separate program issues. Harrison said public forums that address a range of issues can be useful, though they afford less attention to any one issue. He suggested going to other groups' meetings as another alternative approach. Johnson agreed with Harrison and warned against developing an "EMP-only" public involvement strategy.

In response to a question from Terry Moe, Whitney said public input from the HNA, including observations not strictly related to the HNA, will be summarized and used in developing the EMP public involvement strategy. Moe said he does not want the public involvement strategy to create a fiscal drain on the EMP and urged that less costly delivery systems be sought. Jeff Stein noted that many NGOs are available to help disseminate information about the EMP. Bob Clevenstine said the primary goals for the public involvement strategy should be to build support for the EMP and to obtain public input to help guide the program. Barb Naramore urged the Corps to considering using an ad-hoc, interagency team to develop a proposed public involvement strategy. Kincaid indicated that MVR would focus on identifying the fundamental goals of the strategy, rather than specific techniques, in advance of the February EMP-CC meeting.

Other Business

Scott Whitney distributed a description of the Lake Chautauqua pump station project and a sample pump station inspection report. Whitney said the Corps is conducting a performance evaluation that should address the questions Terry Moe raised regarding pump station projects at the August EMP-CC meeting. In response to a question from Whitney, Moe said he is particularly interested in design and construction issues, O&M costs, and the pump stations' effectiveness in achieving project objectives.

In response to Teresa Kincaid's request for input, EMP-CC members said they find the Corps' activity report to be quite helpful. Suggestions for potential improvements included highlighting changes from the previous report and shortening the overall length of the document. However, other members remarked that the report's comprehensiveness is one of its primary values.

Holly Stoerker announced that future EMP-CC meetings will be held on February 28 in the Twin Cities, May 16 in the Quad Cities, and August 8 in La Crosse. She noted that the August location may need to be changed if accommodations cannot be secured in La Crosse. [Subsequently it was confirmed that the August meeting will be held in La Crosse.]

With no further business, the meeting adjourned at 12:21 p.m.

EMP-CC Attendance List
November 16, 2000

Steve Cobb	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
Scott Stuewe	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
Greg Ruff	U.S. Army Corps of Engineers, MVD
Don Powell	U.S. Army Corps of Engineers, MVP
Teresa Kincaid	U.S. Army Corps of Engineers, MVR
Ken Barr	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
Deb Foley	U.S. Army Corps of Engineers, MVS
Mike Thompson	U.S. Army Corps of Engineers, MVS
Tom Quigley	U.S. Army Corps of Engineers, MVS
John Barko	U.S. Army Corps of Engineers, WES
Dan Stinnett	U.S. Fish and Wildlife Service, Region 3
Rick Nelson	U.S. Fish and Wildlife Service, RIFO
Bob Clevestine	U.S. Fish and Wildlife Service, RIFO
Dick Steinbach	U.S. Fish and Wildlife Service, Mark Twain NWR
Chuck Theiling	U.S. Geological Survey, UMESC
John Chick	Illinois Natural History Survey
Mark Pegg	Illinois Natural History Survey
Ken Brummett	Missouri Department of Conservation
Jerry Vineyard	Missouri Department of Natural Resources
David Dornbusch	U.S. Department of Agriculture, NRCS
Dave Beck	U.S. Department of Agriculture, NRCS
Bob Goodwin	U.S. Department of Transportation, Maritime Administration
Larry Shepard	U.S. Environmental Protection Agency, Region 7
Jim Harrison	Minnesota-Wisconsin Boundary Area Commission
Allen Hance	Northeast Midwest Institute
Jeff Stein	American Rivers
Barry Drazkowski	St. Mary's University
Holly Stoerker	Upper Mississippi River Basin Association
Barb Naramore	Upper Mississippi River Basin Association

ATTACHMENT B

EMP Spreadsheet

UMRS-EMP EXPENDITURES AND ALLOCATIONS

		FY01 (\$,000)				
		CARRY IN	ALLOCA	TOTAL SCHD EXP	ACTUAL EXP	ACTUAL OBJIS
PROGRAM ELEMENTS						
HABITAT PROJECTS						
	HREP PROJECTS	116	10,838	9,354	1,678	2,462
	HABITAT EVAL/MONITORING	44	585	629	112	124
	HABITAT NEEDS ASSESSMENT	9	35	44	-3	7
	POOL PLANNING/PRIORITIZATION	0	47	47	2	2
	USFWS HREP Support	0	270	270	0	0
	PROGRAM COOR.	2	628	630	149	177
	LTRM	22	5,537	5,559	827	5,286
	TOTALS	193	17,940	19,658	2,765	8,058
TOTALS BY ORGANIZATION						
	MVR	28	5,083	5,071	1,129	1,368
	MVP	129	4,209	2,738	260	267
	MVS	26	3,006	3,032	592	1,170
	USGS	10	5,344	5,354	784	5,253
	UMRBA Administration	0	28	28	0	0
	USFWS	0	270	270	0	0
	TOTAL	193	17,940	16,493	2,765	8,058

PROJECT COORDINATION DATA SHEET

	FY01 (\$ 000)				
			TOTAL	31 Dec 00	31 Dec 00
	CARRY IN	ALLOCA.	SCHED EXP.	Actual Exp.	Actual Obl.
HABITAT					
BASELINE MONITORING	0.0	66.0	66.0	22.2	34.2
HABITAT PROJ. EVALUATION	43.9	287.0	330.9	75.0	90.0
BIO-RESPONSE STUDIES	0.0	232.0	232.0	15.0	0.0
USFWS HREP Support	0.0	270.0	270.0	0.0	0.0
POOL PLANNING/PRIORITIZATION	0.0	47.0	47.0	0.0	2.0
TOTAL HABITAT	43.9	902.0	945.94	112.2	126.2
PROGRAM COORDINATION					
UMRBA		28.0	28.0	0.0	
PUBLIC INVOLVEMENT	0.0	20.0	20.0	0.4	0.4
PROGRAM ADMINISTRATION	0.0	130.0	130.0	32.3	60.0
PROGRAM MGT TOTAL	0.0	178.0	178.0	32.7	60.4
LTRMP					
CORPS LTRM MANAGEMENT	11.7	100.0	111.7	28.9	19.2
LTRM (USGS)	10.4	5,344.0	5,354.4	784.4	5,253.0
CORPS LTRM TECHNICAL SUPPORT	0.0	61.0	61.0	0.0	0.0
SUBTOTAL	22.1	5,505.0	5,527.1	813.3	5,272.2
WORK ALLOWANCES					
NOTE:					
*1 LTRM ALLOCATION -16% SS= 5,505					

ST. PAUL DISTRICT

MVP	FY01 (\$ 000)											(Federal) Scheduled \$ To Complete		
	PROJECT ESTIMATE		TOTAL W/O NON	NON FED	EXP THRU	CARRY IN	ALLOCA.	TOTAL SCHED	31 Dec 00 Actual Exp.	31 Dec 00 Actual Obl.	Scheduled \$ To Complete			
	ED Des.	CONST	FED	EST.	FY 00			EXP						
HABITAT PROJECTS														
Ambrough Slough, WI	340	2313	2,653	116	328	6.00	581.00	587	11.00	11.00	2,325	DESIGN		
Capoli Slough, WI	136	2,159	2,295		114	14.0	103.0	117	5.0	8.0	2,181	DESIGN		
Conway Lake, IA	462	1,998	2,460		0		80.0	80	19.0	19.0	2,460	DESIGN		
Harpers Slough, WI	250	5,300	5,550		360		186.0	186	22.0	22.0	5,190	DESIGN		
Long Meadow Lake, MN	150	2,100	2,250		138		88.0	88	9.0	14.0	2,112	DESIGN		
Polander Lake, MN	511	2,589	3,100		2,867	64.0	160.0	224	8.0	8.0	233	UNDERWAY		
Pool 8 Phase III, WI	120	6,000	6,120		149	1.0	170.0	171	74.0	74.0	5,971	DESIGN		
Pool Slough, IA/MN	164	450	614	155	338		185.0	185	1.0	1.0	276	DESIGN		
Spring Lake Isl, WI	138	3,700	3,838		140		259.0	259	33.0	33.0	3,698	DESIGN		
Trampealeau NWR, WI	945	4,920	5,865		5,592		260.0	260	9.0	9.0	273	COMPLETE		
Lake Winneshiek	160	3,400	3,560		0		41.0	41	0.0		3,560	DESIGN		
Other Habitat (Carry over)					(2)		1,600.0				2			
HABITAT TOTAL	9,125	53,177	62,302	510	34,002	85	3,713	2,198	191	199	28,300			
PLANNED ALLOCATIONS														
			55,181	397										
HABITAT PROGRAMS														
HABITAT NEEDS ASSESSMENT					57			0						
BASILINE MONITORING					330		26.0	26	11.0	15.0				
HABITAT PROJ. EVALUATION					687	43.0	134.0	177	21.0	16.0				
BIO-RESPONSE STUDIES					1,231		157.0	157	0.0	0.0				
POOL PLANNING/PRIORITIZATION					0		7.0	7	2.0	2.0				
SUBTOTAL	0	0	0	0	2,248	43	324	367	34	33	0			
PROGRAM MANAGEMENT														
PROGRAM COORDINATION					2,200	1.0	160.0	161	33.0	33.0				
PUBLIC INVOLVEMENT														
SUBTOTAL	0.0	0.0	0.0	0.0	2,200.0	1.0	160.0	161.0	33.0	33.0	0.0			
LTRM														
LTRM COORDINATION					455		12.0	12	2.0	2.0				
ADDITIONAL LTRM					484			0						
SUBTOTAL	0	0	0	0	939	0	12	12	2	2				
TOTAL MVP EXPENDITURES														
WORK ALLOWANCES														
	9,125	53,177	62,302	510	38,450	129	4,209	2,738	260	267	28,300			
NOTES:														
*1 Equals Allocation of \$5,011,000; minus SES of \$802,000. Does not include LTRM allocations to MVP.														

ROCK ISLAND DISTRICT

MVR	PROJECT ESTIMATE		TOTAL W/O NON FED	NON-FED EST	EXP THRU FY 00	FY01 (\$ 000)					(Federal) Scheduled \$ To Complete			
						DESIGN	CONST	CARRY IN	ALLOCA.	TOTAL SCHMD EXP.			31 Dec 00	31 Dec 00
													Actual Exp.	Actual Obl.
HABITAT PROJECTS														
BANNER MARSH, IL	894	5,519	6,413	1,603	3,029	13.8	760.0	773.8	514.5	644.7	3,384	UNDERWAY		
BAY ISLAND, MO	652	2,340	2,992		2,863	0.6	276.0	276.6	117.7	179.3	129	UNDERWAY		
BERTOM LAKE, WI	350	2,044	2,394		2,320		26.0	26.0	11.0	11.0	74	COMPLETE		
CHAUTAQUA REF, IL	1,637	11,802	13,439		13,425		25.0	25.0	11.6	10.9	14	UNDERWAY		
COTTONWOOD IS, MO	590	1,091	1,681		1,409		25.0	25.0	12.1	12.1	272	UNDERWAY		
GARDNER DIVISION, IL	662	3,321	3,983		617		2265.0	2265.0	58.9	58.9	3,367	DESIGN		
GREGORY LANDING, MO.	0	0	0					0.0			0	DESIGN		
HURON IS, IA	240	2,544	2,784					0.0			2,784	DEFERRED		
LAKE ODESSA, IA	840	4,400	5,240		1,019	0.1	135.0	135.1	92.3	95.8	4,221	DESIGN		
PROSTA CHANNEL, IA.	380	1,120	1,500		8			0.0			1,492	DEFERRED		
PLEASANT CREEK, IA	180	557	737		246		97.0	97.0	74.2	74.2	491	DESIGN		
POOL 11 ISLANDS, WI	1,252	10,550	11,802		1,126		125.0	125.0	11.9	50.9	10,676	DESIGN		
POOL 12 OVER WINTER (MOLO SLOU	1,004	13,000	14,004		22		100.0	100.0	35.9	35.8	13,983	DEFERRED		
PRINCETON, IA.	744	3,114	3,858	26	3,793		40.0	40.0	0.4	0.4	65	UNDERWAY		
RICE LAKE, IL	921	5,121	6,042	1,997	570		19.0	19.0	2.7	2.7	5,472	DESIGN		
SMITH'S CREEK	100		100		30		75.0	75.0	15.9	15.9	70			
SPRING LAKE, IL	1,165	5,425	6,590		6,567		25.0	25.0	2.1	2.1	23	UNDERWAY		
								0.0			0			
OTHER HABITAT							409.0	409.0			0			
HABITAT TOTAL	14,171	82,457	95,546	4,708	48,936	15	4,402	4,417	961	1,195	46,610			
PLANNED ALLOCATIONS	10,877	51,777	60,586											
HABITAT PROJECTS														
HABITAT NEEDS ASSESSMENT					0									
BASELINE MONITORING			268		236		30.0	30.0	11.2	11.2				
HABITAT PROJ. EVALUATION			938		1,314	0.9	125.0	125.9	54.0	56.0				
BIO-RESPONSE MONITORING			588		796	0.0	75.0	75.0	15.0	0.0				
POOL PLANNING/PRIORITIZATION					39		40.0	40.0	0.0	0.0				
SUBTOTAL	0	0	1,794	0	2,386	0.9	270.0	230.9	80.2	67.2	0.0			
PROGRAM MANAGEMENT														
HABITAT COORDINATION/MANAGEMENT			3,496	0	3,452	0.8	100.0	100.8	25.8	26.4				
PUBLIC INVOLVEMENT	0.0	20.0	20.0		117		20.0	20.0	0.4	0.4				
REGIONAL ADMIN AT MVR				0			130.0	130.0	32.3	60.0				
SUBTOTAL			3,516	0	3,569	0.8	250.0	250.8	58.5	86.8				
LTRM														
LTRM COORDINATION			530		708	11.7	100.0	111.7	28.9	19.2				
ADDITIONAL LTRM					416	0.0	0.0	0.0	0.0	0.0				
SUBTOTAL	0	0	530	0	1,124	11.7	100.0	111.7	28.9	19.2				
TOTAL MVR EXPENDITURES					54890.5	16.2	4792.0	4768.2	1067.6	1288.7	46610.1			

*1 equals allocation of 12,411,000; minus \$45 of 1,986,000, plus reprogramming of \$300,000.
 Distribution: LTRM 5,505,000, USFWS \$270,000, EMP Admin 158,000, and HREP \$4,792,000.

ST LOUIS DISTRICT

MVS	PROJECT ESTIMATE		TOTAL W/O NON FED	NON-FED EST	EXP THRU FY 00	FY01 (\$ 000)				(Federal) Scheduled \$ To Complete		
	DESIGN	CONST				CARRY IN	ALLOCA.	TOTAL SCHD EXP.	31 Dec 00 Actual Exp.			31 Dec 00 Obl.
			FED									
HABITAT												
ANGLE BLACKBURN, MO	190	506	696		0						696.0	FACT SHEET
BATCHTOWN MGMT AREA, IL	820	8,000	8,820		2761	7	963	970	234	367	6,059.0	Underway *2
CALHOUN POINT, IL	561	7,500	8,061		895	3	900	903	202	533	7,166.5	DESIGN
CUIVRE ISLAND, MO	358	1,215	1,573	458	1,316	0	60	60	3	3	257.0	UNDERWAY
DIKE ALTERATIONS	300	2000	2,300		31		60	60	5	5	2,289.0	UNDERWAY
DRESSER ISLAND, MO	285	2,342	2,627		2635.5	1	125	126	0	0	-8.5	UNDER REVIEW
MORTON WOODS, MO	190	1,440	1,630		0						1,630.0	FACT SHEET
POOLE 25/26, MO	177	1,010	1,187		126		200	200	0	0	1,060.8	UNDERWAY
SANDY CHUTE	67	268	335		0						335.0	FACT SHEET
SCHENTMANN CHUTE	40	1201	1,241		25	1	151	152	3	3	1,216.0	UNDERWAY
STUMP LAKE, IL	521	5,416	5,937		5787.8	0	8	8	7	7	149.2	COMPLETE
SWAN LAKE, IL	507	11,166	11,673	262	11,749	2	170	172	28	106	-76.0	UNDERWAY
					0						0.0	
OTHER HABITAT (Jeff. Barracks & Ft. Chartres Side Channels)					0	3	50	53	23	23	0.0	
							36	36	21	21	0.0	
HABITAT TOTAL	4,917	46,523	51,440	1,141	27,715	17	2,723	2,740	526	1,068	23,724.9	
PLANNED ALLOCATIONS	4,917	46,523	51,440	1,141								
HABITAT EVAL/MONITORING												
HABITAT NEEDS ASSESSMENT	1,000		1,000		886	9	35	44	(3)	7		
BASELINE MONITORING					426		10	10	0	8		
HABITAT PROJ. EVALUATION					286		28	28	0	18		
BIO-RESPONSE MONITORING					228				0	0		
POOL PLANNING/PRIORITIZATION					0							
SUBTOTAL				0	1,826	9	73	82	(3)	33		
PROGRAM MANAGEMENT												
PROGRAM COORDINATION					1,906		190	190	57	57		
PUBLIC INVOLVEMENT					0							
SUBTOTAL					0	0	190	190	57	57		
LTRM												
LTRM COORDINATION					217		20	20	12	12		
ADDITIONAL LTRM												
SUBTOTAL	0	0	0	0	0	0	20	20	12	12	0.0	
TOTAL MVS EXPENDITURES	4,917	46,523	51,440	1,141		26	3,006	3,032	592	1,170	23,725	
WORK ALLOWANCES				695			*1					
NOTES:												
*1	Equals Allocation of \$3,578,000; minus 568 of \$572,000.											
*2	Additional funds required to complete project.											

ATTACHMENT C

HREP Prioritization Process

- **Prioritization Process Issue Paper**
 - **Process Flowchart**
 - **Recommended Planning Process**
 - **Schedule**

**Standard Format for
EMP-CC Agenda Packet
Issue Description**

I. Topic Title: Revised HREP Planning Process for EMP

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 planning process for HREP selection, implementation, and evaluation. 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. At the November 16 EMPCC presentation, the Corps provided the latest version of a process flowchart and presentation concerning HREP planning. Submittal of a DRAFT report detailing a revised HREP planning process was also discussed. Members requested additional information as to the roles and responsibilities and interaction between each of the various stages of the project selection process. EMPCC members requested better documentation of changes that have occurred to the process flowchart over the past several months as well as a rationale for such changes.

The presentation at the February 28, 2001 EMPCC meeting will focus on providing additional clarification and justification for the following items:

- (1) Process flowchart for Selection and Evaluation of NEW HREPs(Attachment A)
- (2) Recommended Planning Process for EMP (Attachment B)
- (2) Ecological Resource Team (previously referred to as "System Ecology Team)
- (3) Schedule for submittal and evaluation of NEW HREP during Transition Period (short-term need) (Attachment C)
- (4) Schedule for Report Preparation: "*Revised Planning Process for the Environmental Management Program*" (long-term need) (Attachment C)

II. Presenter's Perspectives/Recommendations

Members are encouraged to review past minutes, handouts, and presentations on the topic of HREP Planning/Prioritization and be prepared to discuss the refinements that have occurred in the past several months.

III. Questions for Program Partners' Consideration/Deliberation

Partners are asked to consider the past, current, and future ecological condition of the UMRS and means by which the EMP program can best address the needs and objectives of habitat restoration in the UMRS. The "Planning Process" for EMP will be the focal point of the presentation and discussion.

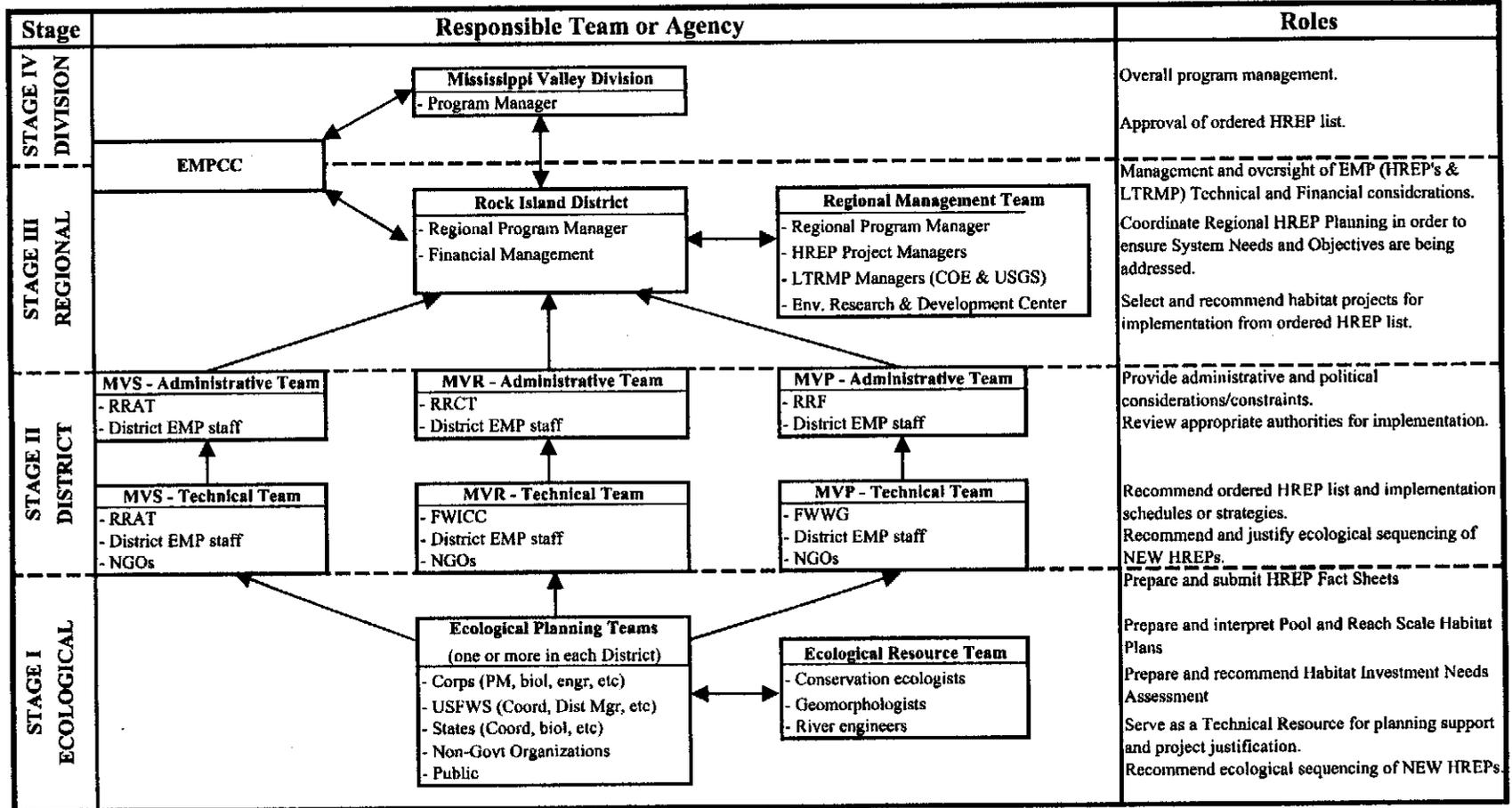
IV. Additional Materials

On or before **21 February 2001**, EMPCC members will receive (via E-mail) a DRAFT copy of the report entitled "*Revised Planning Process for the Environmental Management Program*". This will provide additional explanation of the revised planning process described in Attachments A-C.

ATTACHMENT A

Process Flowchart for Selection and Evaluation of NEW HREPs

February 12, 2001



ATTACHMENT B

Recommended Planning Process for Environmental Management Program

February 12, 2001

Activity	Action Group
<p>Estimate Habitat Investment Needs</p> <ul style="list-style-type: none"> o Consider existing habitat conditions. o Consider desired future conditions (from HNA). o Estimate time and cost requirements for achieving desired future conditions. o Provide report to MVR. 	<p>Ecological Resource Team with assistance from the Ecological Planning Team</p>
<p>Develop Pool and Reach Scale Habitat Plans</p> <ul style="list-style-type: none"> o Consider existing habitat conditions. o Forecast future habitat conditions. <ul style="list-style-type: none"> - Consider historic and ongoing geomorphic and successional processes. o Identify ongoing activities that affect habitat conditions. o Identify constraints and opportunities. o Identify desired future habitat conditions. <ul style="list-style-type: none"> - Examine alternative future conditions, use GIS to illustrate o Identify habitat projects. o Prepare project fact sheets. o Prepare Pool and River Reach Habitat Plans o Involve interested public in all stages of planning. 	<p>Ecological Planning Teams with assistance from Ecological Resource Team</p>
<p>Recommend Sequencing of Projects</p> <ul style="list-style-type: none"> o Consider principles of conservation and restoration ecology o Consider logistical requirements for habitat restoration o Consider other plans and ongoing activities 	<p>District Technical and Administrative Teams with assistance from Ecological Resource Team.</p>
<p>Plan, Design, Implement, and Evaluate Habitat Projects</p> <ul style="list-style-type: none"> o Define specific habitat objectives. o Examine alternatives for protecting and restoring habitat. o Prepare project DPR and NEPA compliance o Prepare detailed designs. o Contract for construction. o Manage construction. o Monitor project area following construction. o Evaluate project performance. o Modify project if needed. 	<p>District Technical Teams with assistance from Ecological Resources Team, LTRMP, and Ecological Planning Team</p>

ATTACHMENT C

Schedule for Submittal and Evaluation of NEW HREP projects during Transition Period

Date	Activity	Action Group
January-01	Formal request for NEW HREP projects	Ecological Planning Team
March-01	First cut review, evaluation, and justification of proposed project fact sheets	District Technical Team
April-01	Submittal of ordered project list w/ justifications	District Technical Team
May-01	District evaluation and review	District Administrative Team
June-01	Ecological review of projects' ability to address pool/reach/system needs and objectives	Ecological Resource Team
August-01	Regional evaluation and approval	Regional Management Team
September-01	MVD evaluation and approval	Division Management Team
October-01	District initiation of DPR for HREP Project	District Technical Team

Schedule for Report Preparation: "*Revised Planning Process for the Environmental Management Program*"

Date	Activity	Action Group
February-01	DRAFT Report (Partial) - Ecological Sequencing Stages & Ecological Resource Team Initiate Discussion regarding additional HREP Planning Sections to be addressed in Report	
April-01	Revised DRAFT Report	
May-01	EMPCC meeting to discuss and review DRAFT Report	
June-01	Establish Ecological Resource Team and convene first meeting	
August-01	FINAL Report	
October-01	Implementation of Revised Planning Process for EMP	

ATTACHMENT D

EMP Public Involvement Strategy

- **Public Involvement Issue Paper**
- **Draft Public Involvement Plan —
Goals & Objectives**

DRAFT
Upper Mississippi River System Environmental Management Program
Public Involvement Plan
Goals and Objectives

February 2001

Background – The Upper Mississippi River System-Environmental Management Program (EMP) was reauthorized by the Water Resources Development Act of 1999. Although the Act itself does not discuss public involvement, the implementation guidance for the program within the Corps of Engineers directed that public involvement be increased. The guidance, dated May 12, 2000, issued by CECW-PC, provides the following direction: “Develop and implement a plan to increase the level of public involvement for planning and implementing the EMP. The public involvement strategy should seek to improve the regional understanding on both the Upper Mississippi River ecosystem and the EMP, including its goals, objectives, expected outputs, and actual performance. Coordinate development of the public involvement plan with the EMP-CC. Provide the public involvement plan within six months to CECW-P for information and coordination with ASA(CW).”

I. Process – The steps to develop an overall public involvement program will include:

- Specify problems and opportunities and set goals for the future.
- Formulate alternative plans to reach goals.
- Evaluate and compare alternative plans (costs, investment levels, and effectiveness).
- Choose recommended level.

II. Problems and Opportunities – Purpose of this step is to set appropriate goals and objectives for the public involvement plan.

A. Goals: Goals will be set at the various levels of the program:

1. Upper Mississippi River Basin

- **Achieve Regional Understanding** – Acknowledge ongoing educational efforts by gathering brief information regarding educational and outreach programs focused on the Upper Mississippi River Basin. The EMP Public Involvement effort is intended to contribute to the overall goal of understanding of the ecosystem within the basin, but is not intended to assume a public involvement role for the region, beyond the EMP program.

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

I. Issue Description. – The Upper Mississippi River System-Environmental Management Program (EMP) was reauthorized by the Water Resources Development Act of 1999. Although the act itself does not discuss public involvement, the implementation guidance for the program within the Corps of Engineers directed that public involvement be increased. The guidance, dated May 12, 2000, issued by CECW-PC, provides the following direction: “Develop and implement a plan to increase the level of public involvement for planning and implementing the EMP. The public involvement strategy should seek to improve the regional understanding on both the Upper Mississippi River ecosystem and the EMP, including its goals, objectives, expected outputs, and actual performance. Coordinate development of the public involvement plan with the EMP-CC. Provide the public involvement plan within six months to CECW-P for information and coordination with ASA(CW).”

A presentation on proposed public involvement was made to the EMP-CC at the November meeting. As a result of discussion, the Corps agreed to develop information on the fundamental goals of the strategy for public involvement. A conference call was held to discuss goals and objectives. This conference call included Corps of Engineers staff from Rock Island, St. Paul, and St. Louis, as well as UMRBA, State of Wisconsin, USFWS, and the Audubon Society.

II. Presenter's Perspectives/Recommendations. The primary focus of the current form of the public involvement plan/strategy is on the goals and objectives and on the process for developing an overall plan. Note that the plan will be developed for calendar years 2001-2004, with annual review and update. While serving the ongoing goals and objectives of the program, this time frame also coincides with next required submittal of a Report to Congress. The purpose of the presentation at the EMP-CC will be to coordinate the goals and objectives of the strategy and the next steps. Since the November EMP-CC meeting, goals and objectives have been developed for the various levels or elements of the program.

III. Questions for Program Partners' Consideration/Deliberation. Partners are asked to consider the goals and objectives set forth for the program. Coordination on this will be accomplished at the EMP-CC meeting.

IV. Additional Materials Attached is a draft paper on goals and objectives. This will form the basis of discussion on public involvement at the EMP-CC meeting.

2. UMRS-EMP Program

- Program Level
 - Inform and educate the public.
 - Gather input and feedback through open communication with diverse publics and involve them in planning for the future of the ecosystem.
- Future Reports to Congress
 - Inform and involve the public on needs and accomplishment of the program to make recommendations to Congress within prescribed timeframes (every 6 years beginning with 2004).

3. LTRM

- Inform and involve the public on current LTRMP.
- Obtain feedback to insure program continues to focus on important, key river issues.

4. HREP

- Formulation – Inform and involve the public to gain innovative ideas for measures to address resource needs.
- Project Selection – Inform and involve public on various alternatives to meet resource need and enhance selection of recommended plan.
- Outputs/Performance – Inform and educate on overall project performance.

B. Objectives: Each of these objectives differs by a “level of involvement” on the part of the public or target audience.

1. Awareness and Education

- Goal is to increase understanding. Awareness is making the public aware that there is a project/problem.

2. Feedback

- A process that enables input on overall EMP program and formulation and selection of projects and resource needs.

3. Involvement/Action

- Gather input and feedback throughout open communication diverse publics and involve them in planning for the future of the ecosystem.

C. Define Target Groups/Audience: Main focus of PI plan. The target audience of the public involvement plan is broken into five categories.

1. General Public
 - Local citizens, generally those people who live close to the project area and people who live in the general vicinity of the river and those that live within the basin.
2. Interested Public
 - Resource users, those previously aware of resource. This includes people who are interested but do not necessarily live close to the resource. Includes recreationist, activist, and members of the academic community and other organizations.
3. Stakeholders
 - Interested groups, environmental partners, navigation interests.
4. Legislative
 - City, county, state and federal levels, elected officials.
5. Cooperators
 - Government agencies that implement the program. They will not be a focus of the public involvement plan, but will have the opportunity to have increased awareness about agencies as a result.

III. Summary – Propose using the following matrix to summarize the goals and objective setting.

A. Public Involvement Matrix:

	Awareness/ Education	Feedback	Involvement /Action	Audience/Target
<i>Upper Mississippi River</i>				
Regional Understanding	X			General and interested public, stakeholders, legislative, cooperators
<i>EMP (Program Level)</i>				
Goals and Objectives	X	X		General and interested public, stakeholders, legislative, cooperators
Periodic Reports to Congress	X	X	X	Public, Congress
<i>LTRMP</i>	X	X	X	Stakeholders, cooperators
<i>HREP</i>				
Formulation	X	X	X	General public, interested public, stakeholders
Project Selection	X	X	X	General public, interested public, stakeholders
Outputs/Performance	X	X	X	General and interested public, stakeholders, legislative, cooperators

B. Future Considerations:

1. Inventory and forecast conditions.
2. What future state do we want to achieve?

C. Formulate Alternative Plans:

1. Measures to meet objectives for each target group.
2. Discuss what method best achieves goal for target group.
3. Investment levels and understand the trade-offs.
4. Potential tools:
 - Increase public awareness
 - Interactive website
 - EMP brochure or newsletter
 - Interactive educational CD
 - Interactive website
 - Explore new visualization techniques
 - Semi-annual EMP brochure/newsletter
 - Traveling display for exhibits
 - Show examples
 - Newspapers/radio/TV
 - 3-prong approach to HREP PI
 - Document

ATTACHMENT E

Corps Activity Report

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

I. ST. LOUIS DISTRICT (MVS)

A. Navigation

1. Melvin Price Locks and Dam – **The auxiliary lock is opened to traffic. The downstream miter gate on the main lock was damaged due to ice impact in late December 2000. The miter gate has been removed from the lock and is undergoing repair. It is estimated that the main chamber will be back in operation in the late March, early April time frame.** 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 24, 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, **as well as improve habitat within sidechannels.** 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. **The District intends to construct, and monitor, several experimental wood river-training structures this year in the open river.** Environmental monitoring continued with further investigation of the pallid sturgeon habitat use 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 a **modified** wing dike in the Open River. Large numbers of overwintering fish were found in areas of low velocity in the scour hole behind the dike, **prior to alteration**, as many had suspected. **A post project evaluation will be conducted this year.** 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), MVS 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. Work includes repairing stone embankment sections to prevent through seepage, repairing existing gravity drainage structures, installing a new gravity drainage structure installing a new stop-log structure, repairing existing boat pullover structure, installing new boat pullover structure, and some incidental ditch excavation. Construction is expected to be complete during the fourth quarter FY01.

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. This pump will aid drawdown capabilities.

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. A dedication ceremony was held August 17, 2000, aboard the MV Mississippi. Soil probing of limited sections of the ditches conducted in the Fall of 2000 indicated the presence of sand lens. The District proposes a more extensive soil exploration program to better identify the location of the sand lens. A letter requesting cost sharing funds from the local sponsor (MDOC) was mailed on Feb 7, 2001. The goal is to complete the soil exploration this Spring and complete the construction repairs prior to the migratory fowl season in the Fall of 2001.

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. A meeting was held on Jan 23 at the Riverlands Building to discuss the

status of Phase III. Representatives from IDNR, USFWS and the Corps discussed the issue of possible sediment deposition in the lower Batchtown area from a long duration flood event. IDNR is to meet on February 15 to formulate their position on the configuration of the levees to be included in a Phase III contract. 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 third quarter of FY 01.

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. Waterfowl surveys for all our pool sites are ongoing.

10. Pools 25 & 26 - MVS will be coordinating phase two of a charette process for the Definite Project Report phase in fourth quarter of 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. The Corps has started on the PDA phase with the goal of advertising the contract in the fourth quarter of FY 01.

12. Stone Dike Alterations - A micro-modeling study was begun in FY 01. Work will begin on the DPR in FY 02.

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) - All four components of the HNA Report - the Summary Report, the Technical Report, the Public Involvement Report and the Query Tool are scheduled back from the printer the week of February 12. The following are the number of copies being made of the various components of the HNA: 2000 copies of the Summary Report, 200 copies of the Technical Report (in the back of the Technical Report will be two CDs - one CD will have the Technical Report in two different formats - PDF and Word as well as all of the appendices, the second CD will have the Public Involvement Report), 50 hard copies of the Public Involvement Report and 200 copies of the Query Tool (the Query Tool has five CDs in the back of the report). Initial mailings of these reports is scheduled for late in the week of February 12.

16. Fact Sheets - The St. Louis District has received fact sheets from the Missouri Department of Conservation, Illinois Department of Natural Resources and the US Fish and Wildlife Service. A meeting is scheduled in March by the River Resources Action Team (RRAT) to proritize the fact sheets. Following the meeting letter of intent will be requested from the local sponsors and the fact sheets forwarded to MVD for approval.

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, 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 **are scheduled for approval in 4th quarter FY 01. The Stage III, Dam is scheduled for award in November 2001 (1st quarter FY 02).** POC: **Dave Tipple, Project Manager, at 309/794-5399.**

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 distributed by February 16, 2001 with a public meeting scheduled for March 6 in Dubuque, Iowa.** 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 in **October 2001.**
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. MVD returned the DPR with comments indicating that it would reserve approval until after NEPA compliance was met (signed FONSI). Public review and public notice will both be complete by February 16, 2001. Responses to MVD's comments were forwarded on January 30, 2001. MVD approval in mid- to late February would allow project to proceed to construction in FY01. However, in order for construction to proceed, trees need to be cleared during late winter timeframe due to concerns regarding the Indiana Bat. Missing this window of opportunity would cause a delay that would carry the project implementation into FY02.
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. A DRAFT Quality Control Plan for the DPR was submitted on 6 December 2000. A second interagency coordination meeting was held in Bellvue, IA, on 10 January to discuss the QCP, baseline monitoring, performance evaluation of Browns Lake HREP, real estate, cost sharing, and public meeting. The project continues to make good progress with the draft feasibility report expected 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. Ed Britton, USFWS Refuge Manager, has expressed concern regarding damage to the interior MSU levees inflicted by muskrats burrowing completely through the levees. Subsequently, the functionality of the MSUs appears to be questionable. USFWS staff continue to evaluate alternatives for muskrat control and repair of the levees.
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. An interagency Lake Odessa team meeting is scheduled for 12 February 2001 at USFWS' Wapello office. The Corps will present rough cost and quantity estimates for potential features discussed at the last team meeting. The goal of this meeting is to determine a list of definite project features for inclusion in the first draft of the DPR, tentatively scheduled for June 2001. 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. MVD approved the DPR, which became final in early December 2000. Opened for contract bids on 30 January 2001. Three bids were received with the low bid below the government estimate. However, the contractor has request a one week period to review their bid for accuracy. Anticipate their response by February 12, 2001. 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 experienced 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 \$500K 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. Bathymetric transect surveys will be conducted in February to refine the Fact Sheet and cost estimates. Fact sheet to be submitted by 16 March 2001 for MVD approval.
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. A contract modification, estimated cost \$50-75K, was initiated in late January for the pump station. 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. A Fact Sheet has been submitted to FWIC chairman in consideration of and ordered list of project in MVR.
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 and MVR continue to seek options that would allow this project to proceed with or without the acquisition of Duck Island. A decision is expected in February 2001. The public review draft DPR for this project was scheduled for completion in May 2001, with construction award anticipated in April 2002.

***** NOTE:** At the January RRCT meeting held at MVR District headquarters, EMP managers Whitney and Kincaid formally requested the submittal of an ordered list of project fact sheets for new HREPs be submitted by the FWIC chairman one month prior to the next RRCT meeting. FWIC chairman, Clevestine, agreed to solicit fact sheets from resource managers and convene a meeting during March to evaluate, justify, and order the proposed projects. The RRCT will review the ordered project list and make administrative recommendations to the EMPCC prior to their August meeting. This process is being conducted as a short-term measure to initiate a small number of high priority projects within MVR while the longer-term prioritization process is implemented.

C. Upper Mississippi River System Environmental Management Program - LTRMP

1. Scopes of Work for the Base LTRMP program were approved and funds transferred in early December 2000. The FY01 appropriation for implementation of the Base LTRMP program is in the amount of \$5,324,000. The SOW for FY01 is currently displayed on the UMESC website for

LTRMP. In addition, a spreadsheet currently being used to manage and monitor program execution is also provided at this same location.

2. An additional \$900K was secured by the Corps to recoup some of the assessed Savings and Slippage. These funds have been specifically targeted for five prioritized overtarget projects: (1) HNA Technical Support and development, (2) Bathymetric Mapping of the UMRS, (3) Sedimentation and Erosion along transects in UMRS backwater areas, (4) Year 2000 land cover/land use and aquatic areas GIS Database, (5) Restoration of LTRMP-Base Projects.
3. The 1st quarter Corps of Engineers and USGS FY2001 LTRMP in-progress review (IPR) meeting was held at the Upper Midwest Environmental Sciences Center (UMESC) on 18 January 2001. Topics of discussion included: completion of outstanding FY00 deliverables, FY01 Base program milestones, FY01 Overtarget SOWs, report preparation and distribution, statistical analyses, additional bioresponse monitoring opportunities for HREP support, convening of next A-Team and tentative agenda items.
4. The A-Team held a conference call on 30 January 2001 to discuss the following items: personnel changes, LTRMP Interim Progress Review, FY01 funded Base LTRMP program and milestones, statistical analyses of fisheries data, overtarget work, EMP fall conference, and status of HNA reports. The next scheduled A-Team meeting will be held in La Crosse on April 25, a Draft Agenda will be sent out to team members via E-mail on April 13.

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
MO-09	125.3	Buck Run, MO PWI No. 096067	CONST 100%	1135	The Missouri DOC provided documentation of their in-kind contribution but not auditable receipts. They are in the process of providing this level of detail. PM-AR will complete the fiscal closeout documentation by the end of the month.
IL-17	334.0	Mill Creek/Milan Bottoms, IL, Stream Channel Restoration PWI No. 162936	PDA 97%	1135	PDA scheduled for completion by the end of the month. Construction possible this fall if real estate acquisition goes smoothly.
IL-17	230.0+	Oquawka Refuge, IL Habitat Restoration Proj. PWI No. 096182	Combined PDA 85%	1135	The revised permit is scheduled for 21 day public review release shortly. In the meantime, the PDA package is being finalized for submission to MVD. Target completion end of Feb 01. The project has been re-scoped to bring the cost share more in line with the original (1996) cost estimate.
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 Nov 00. Cong. Weller has developed language for WRDA 2000 to grant the sponsor credit for dredging already performed by the DNR. The project needs to be re-scoped based on the legislation and re-coordinated with the IL DNR.

IL-17	2,500.0	Rock Island Gardens, IL PWI No. TBD	PRP 95%	1135	The PRP ITR has been completed. The ITR revealed significant comments on the cost vs. habitat benefit and HTRW issues. It is unlikely that this project would be recommended for submission to MVD. No letter of intent has been requested from the City.
IA-01	TBD	Nahant Marsh, IA Wetland Restoration PWI No. 167510	PRP 0%	1135	We have met with the sponsor (5 Oct). Pending funding we will initiate the PRP formulation.

* 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:

- **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). No letter of request to initiate a project under any environmental CAP authority has been received to date. However, the NC met with the DE on 6 Nov 00.
- **Hennepin Levee and Drainage District, Putnam County, IL (Cong. Dist. IL-18).** Wetlands Initiative, Inc., is continuing with their plans to buy out the 2,500-acre levee and district. No letter of request to initiate a PRP has been received to date.
- **Lock and Dam 18 Fish Passage, Des Moines County, IA (Cong. Dist. IA-03).** Site visit took place 25 Oct 00. We have solicited a letter of request from Des Moines County Drainage District No. 8 to sponsor this potential project. Sponsorship is uncertain at this time.
- **Pekin Lake, Tazewell County, IL (Cong. Dist. IL-18).** IL DNR representatives have expressed some interest in a project in this location. No letter of request has been received to date.

E. Section 205 Program Summary

SECTION 205, Small Flood Control

Cong. District	Total Est. Implementation Costs (\$000)*	Project & PWI No.	Stage	Milestones	Status
IA-01	560.0	Mad Creek at Muscatine, IA PWI No. 150096	FEAS 60%	Plan Form Apr 01 Draft DPR May 01	Work efforts continue on the feasibility study. Rights of entry have been obtained, and geotechnical and cultural resource investigations can proceed dependent on the weather.
IL-18	665.0	East Peoria, IL PWI No. 091606	P&S 99%		Stage I (Riprap Placement) BCOE was held on-site on 30 Jan 01. Apr 01 award is anticipated pending ROW availability. Escrow agreement requires CECC-G review.
IA-02	6,152.1	Cedar Falls, IA PWI No. 091526 98-C-0019	CONST 100%	Closeout Sep 01	Final contract quantities are being negotiated with contractor. Coordination with city regarding the finish quality of promenade sidewalk concrete is pending spring thaw. As-built drawings and O&M manual are completed. FIS mapping revision request has been forwarded to FEMA mapping contractor.

IL-17	2,024.2	Liverpool, IL PWI No. 091101 97-C-0035	CONST 100%	Closeout Mar 01	Financial closeout information provided to State of Illinois and Liverpool 20 Dec 00. Illinois DNR review resulted in additional credits being submitted for certification.
IL-11	3,474.7	S.E. Ottawa, IL PWI No. 091230 98-C-0017	CONST 100%	Closeout Jun 01	As-built drawings and O&M manual are completed. Financial closeout information being collected and coordinated with local sponsor. A credit audit will be required.
IA-04	3,425.1	Raccoon Rvr, IA (Stage II) PWI No. 091242 99-C-0012	CONST 100%	Closeout Jul 01	Financial closeout is in-progress. A credit audit will be required.

* Costs listed by phase.

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

Wind Lake Watershed (formerly Norway-Dover), 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 were held on 17 Aug 00. Resolution language was requested by Congressman Ryan and provided to CECW at the end of September. MVR has requested \$30k to initiate feasibility study, and MVD approved the project with request to USACE 5 Feb 01.

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 letter of assurance, dated 30 Aug 00, was received. Candidate evaluation was provided to MVD in September. MVR requested \$30k to initiate feasibility study in FY 01. MVD did not approve the project for a new start stating that it may be more appropriately addressed under Section 216, Review of Authorized Projects.

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

The levee district 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. MVD did not approve the project for a new start stating that it may be more appropriately addressed under Section 216, Review of Authorized Projects.

Austin, MN (Cong. Dist MN-01)

The city requested review of a 1979 report where no Federal interest was found in flood damage reduction. Austin has experienced the worst flooding conditions in their history on the Cedar River. MVR responded to their request with a brief review of the report and made a site visit on 21 Nov 00. There will be follow-up with the city to determine their desire to proceed with a 205 project or other means of assistance.

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.

F. Section 14 Program Summary

SECTION 14, Emergency Streambank/Bankline Protection

Cong. District	Total Est. Implementation Costs (\$000)	Project & PWI No.	Stage	Milestones	Status
IA-02	310.0	Jackson County, IA Highway 52 at Bellevue, IA PWI No. 161360	PDA 80% (Mar 01)	PDA Feb 01 Approval Apr 01 Advertise Jul 01	Completion of the PDA package is awaiting changes to the RE Plan. These are required due to a minor design change. Scheduled to submit PDA to MVD in January.
MO-09	649.0	Scotland County, MO State Route A PWI No. 163318	PDA 80% (Dec 00)	PCA Executed Mar 01 Advertise Jul 01	The PDA and request for construction funds were mailed to MVD on 6 Oct. MVD approved the project via memo dated 29 Jan 01. Awaiting construction commitment to execute PCA. State will not have their funds available until July.

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. Project was approved and \$40k requested from HQUSACE on 5 Feb 01.

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 FY 01, depending on its priority ranking among other candidates. Eligibility checklist and request for funds were submitted to MVD on 25 Sep 00. Project was approved and \$40k requested from HQUSACE on 5 Feb 01.

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 were submitted to MVD on 25 Sep. Project was approved and \$40k requested from HQUSACE on 5 Feb 01.

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

A 30" sanitary sewer is being threatened by erosion from Farm Creek. A letter of intent from the city dated 21 Nov 00 has been received. Site visit was made on 25 Jan 01 and an eligibility checklist is being prepared.

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.

Van Buren County, MO (Cong. Dist. MO-__).

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 village. No letter of assurance has been received to date.

G. Section 208 Program Summary

SECTION 208, Clearing and Snagging for Flood Control

POTENTIAL NEW SECTION 208's: None at this time.

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 75%	206	Progress has been made on the WES MIPR for habitat analysis and evaluation support. Anticipate draft ERR completion in late Feb 01. The WES report is due in Apr 01. Final ERR/EA completion in Jun 01.
WI-02	4,700.0	Token Creek Watershed Restoration, WI PWI No. 164249	ERR 55%	206	Rights of entry have been delayed. This will have an impact on schedule. Likely completion of the ERR will be delayed until early next summer. Progress is being made on the stream channel alignment. Team is working diligently to maximize cost vs. benefit.

WI-02	5,800.0	Lake Belle View, WI PWI No. 164774	ERR 75%	206	The mtg. with WIDNR on 17 Jan 01 has raised new questions about the alternatives. The sponsor, DNR, Corps differ on the preferred alternative to be recommended due to different viewpoints on cost tolerance and ecological value. The team is re-evaluating and re-formulating alternatives to find a cost effective, environmentally justified project.
WI-02	2,800.0	Koshkonong Creek, WI PWI No. 164649	ERR 30%	206	The contract has been awarded. The HTRW Phase 1 report was received on 2/2/01 and is being reviewed by the team. The contractor's hydraulic model is due for review on 2/9/01.
IL-11	2,200.0	Kankakee River, IL PWI No. 164998	ERR 0%	206	Kickoff mtg occurred 2/1/01. First site visit is planned. PMP and detailed feasibility schedule under development.
IA-01	5,600.0	Clear Creek/Iowa Rvr, IA PWI No. 164999	ERR 0%	206	Kickoff mtg occurred 1/23/01. First site visit is planned. PMP is drafted. Draft ERR is scheduled for Feb 02.
WI-09	800.0	Jefferson Fish Passage, WI PWI No. 167367	ERR 0%	206	Kickoff mtg scheduled for 2/13/01. The entire PDA will be contracted. Jefferson and Brodhead will be contracted to the same contractor and the internal team will have the same members. This arrangement should create some synergy and efficiencies for these similar projects in the same geographic locale.
WI-09	600.0	Brodhead Fish Passage, WI PWI No. 167365	ERR 0%	206	Kickoff mtg scheduled for 2/13/01. The entire PDA will be contracted. Jefferson and Brodhead will be contracted to the same contractor and the internal team will have the same members. This arrangement should create some synergy and efficiencies for these similar projects in the same geographic locale.
WI-09	\$2,084.0	Lake Koshkonong, WI PWI No. 167368	PRP 100%	206	PRP has been mailed to MVD for approval.
IA-01	\$846.0	Duck Creek/Fairmount Wetland Restoration, IA PWI No. 167364	PRP 99%	206	PRP and ITR are complete. A letter of intent has been received from the City. However, the outbrief has been delayed due to significant cost changes. A new letter of intent will be requested. A mtg is scheduled for 2/13/01 to discuss new costs with the sponsor.

IA-03 MO-09	TBD	Fox River, IA-MO PWI No. 167366	PRP 50%	206	A headcut near the IA-MO border is threatening significant acres of wetland and riverine habitat as well as highway and other infrastructure. 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. Upon review, the District team will pursue a Section 14 project for the headcut which is threatening a county highway bridge and a Section 206 for wetland protection and enhancement up&downstream or the bridge.
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 by contract. The contract has been negotiated. Award will occur soon.
IA-03	TBD	Yellow Springs, IA PWI No. TBD	PRP 0%	206	The partners have executed a 28e agreement under Iowa Code to unite them for the purposes of working together and cost sharing on this kind of project. Target completion of the PRP is 9/15/01.
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.

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)
- Shell Rock River Watershed, Freeborn County, MN (Cong. Dist. MN-1)

No letters of request to initiate the PRP phase have been received from any of the above communities.

I. Section 204 Program Summary

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

Quawka 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 written affirmation of their support for the project. Based on telephonic communication, the IL DNR intends to send us a letter to request initiation of a Section 204 project.

Blackhawk Bottoms, Pool 19, IA (Cong. Dist. IA-03).

Potential project with IA DNR acting as cost-share sponsor. Coordination is underway along with the ongoing DMMP effort. A letter of request has been received from field personnel requesting initiation of a Section 204 PRP. Funding has been requested.

I. Upper Mississippi River - Illinois Waterway System Navigation Study

The study team is waiting for the release of the National Academy of Sciences (NAS) report on the Navigation Study to consider options for moving forward with the study process. The NAS report is anticipated in mid to late Feb 2001. These options will also consider the Chief of Engineers' Interim Report in response to the Office of Special Counsel's December 2000 report. Therefore, the Feb 2001 GLC meeting was postponed until we receive the NAS report and have had time to assess options to move forward with study progress. POC's: Denny Lundberg, Regional Project Manager, at 309/794-5632, or Dave Tipple, Project Manager, at 309/794-5399.

Corps of Engineers Activity Report

For Main-Stem Upper Mississippi River System Activities in three COE Districts

III. ST. PAUL DISTRICT (MVP)

A. Navigation

1. Channel Maintenance – Channel conditions in 2000 were good and no jobs were deferred that should cause problems early in 2001. The 2001 dredging schedule will be available on the District's Internet home page once navigation resumes in the spring. An update to the District's Channel Maintenance Management Plan will be released in April. A Dredged Material Management Plan for the reach above the I-35W Bridge on the Minnesota River was completed in October 2000. The District has initiated a study to complete a Dredged Material Management Plan for lower pool 4. Excavation of the Wilds Bend placement site in pool 5A was completed in November 2000 in combination with the Polander Lake EMP project. Approximately 500,000 cubic yards of material was excavated with 334,000 cubic yards going to an EMP island in Polander Lake and 166,000 cubic yards going to a gravel pit in Minnesota City. The mechanical dredging contractor excavated approximately 97,000 cubic yards of material from the Dakota Island placement site (pool 7) and barged it 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. Additional work scheduled for completion or initiation in 2001 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 - 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 – The stabilization work on the entrance to Probst Lake was completed by Government hired labor in August 2000. The remaining 20% of channel modification work in pool 5 is scheduled for completion in 2001. The work includes notching three wing dams in the upper part of the pool and constructing a backwater habitat island using channel maintenance material in the lower part of the pool. Additional modification work is also being considered on the habitat islands in Weaver Bottoms. The interagency task force for the Weaver Bottoms project is evaluating these modifications.

c. Pool 3 and Upper Pool 4 – A draft report for this study is scheduled to be distributed for public review in February 2001. The study is scheduled for completion in 2001.

d. Lower Pool 2 – This study began in February 2000. A draft Problem Appraisal Report was circulated for review in January 2001. The bulk of the study is scheduled to be completed in FY 2001.

e. Lower Pool 4 – The study was initiated with an interagency meeting on 24 October 2000. It is in the early scoping phase.

3. Lock and Dam Rehabilitation – Fiscal year 2001 construction activities will include continuation of the following activities; new control building and electrical controls (Stage 2) at Lock & Dam 7; sandblasting and painting the service bridges at Lock & Dam 7; crane rail metalizing and crane carrier installation at multiple sites; dewatering of L/D 4, 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 ½-foot at the La Crosse gage. In 2000, low river discharges and spring forecasts for a dry summer resulted in the scheduled pilot pool 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) was published 31 August 2000. An interagency planning team has met several times, most recently 6 December 2000. A long list of alternatives to address the navigation and embankments problems was developed, and reduced to a smaller set of alternative plans. District, MDNR, WDNR, and USFWS representatives met on 5 February with the towing industry to discuss continued use of an assist boat at Lock and Dam 3 as an interim measure. A public meeting about the study was held on 6 February in Red Wing. The draft re-evaluation report and EIS are scheduled to be completed 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 June and was substantially completed in November 2000. The island construction was accomplished jointly with the unloading of the Wilds Bend placement site. The islands will be seeded in the spring. The EMP funded portion of the contract was about \$1.4 million.

2. Trempealeau NWR, WI – Repair of ice damage to dike A and other minor work is scheduled to begin in April. Pool A was drawn down about 2½ feet during the summer of 2000 and is gradually refilling over the winter. The pool is scheduled to be drawn down again in the summer of 2001. 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. Spring Lake Islands, WI – Project alternatives are being formulated. Soundings were completed in November 2000. An interagency meeting is scheduled in February 2001 to discuss initial designs. A preliminary draft Definite Project Report will be prepared this year.

5. Pool Slough, IA/MN – A major change in course of Winnebago Creek is required additional evaluation of the USFWS portion of the project. In light of these changes, the USFWS has decided to defer their portion of the project. The Iowa DNR still strongly supports construction of the moist soil unit on their portion of the project, where changes in the creek do not affect the moist soil unit. The final Definite Project Report is being prepared to reflect all comments received and to accommodate the design and site changes.

6. 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 was submitted to MVD for approval on 4 January 2001. Construction of the project will be divided into three stages. Stage 1 will be

constructed using District hired labor forces in 2001. Stages 2 and 3 will be constructed by contracts scheduled for award in August 2001.

7. Harpers Slough, IA/WI – **Habitat and incremental analyses are underway.** A preliminary draft Definite Project Report will be prepared this year.

8. Capoli Slough, WI - Project objectives and alternatives are being developed. **A draft Problem Appraisal Report was completed in January 2001.**

9. Long Meadow Lake, MN – Project objectives are being formulated that will focus on Lower Long Meadow Lake. **An analysis of soil sediment samples will be done in March 2001.** A preliminary draft Definite Project Report is scheduled for completion in 2001..

10. 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 May of 2001.

11. Conway Lake, IA – **General design began in October 2000.**

12. Lake Winneshiek, WI – General design is scheduled to begin this fiscal year.

13. Habitat Needs Assessment (Public Involvement Team) – **A public involvement report has been prepared and will be distributed with the other HNA products. The report will also be available on-line through the HNA Internet site:**

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

14. Habitat Needs Assessment - **The final HNA Summary Report is being published and will be distributed in February. The much larger HNA Technical Report has also been completed and will be distributed in February.** 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.

15. Monitoring of Habitat Projects - Monitoring of 13 projects was conducted **last year** with the assistance of the States, USFWS, and UMESC. Completion reports for six projects are being prepared for completion this year. **The District prepared a list of fiscal year 2001 monitoring tasks and has coordinated the list with the partner agencies. Monitoring will be conducted at 16 projects this year. Work on an additional eight project completion reports is scheduled to be initiated this year.**

16. 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.

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), **and plans are underway for a 2001 study.** St. Mary's University (SMU) has put the boating study data into ArcView 3.1 **and has completed 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 in 2000 to control herbaceous vegetation and promote natural revegetation of bottomland hardwoods.

Additional vegetation control work is scheduled for the 2001 growing season. Reforestation work is being planned for areas within pools 6, 7, and 8 in 2001. Monitoring for the Gypsy moth continues. Forest inventory data from the initial field survey is now over ten years old. Efforts are underway to begin a new forest inventory process on a ten-year cycle. One-tenth of the Corps land area will be inventoried each year to ensure adequate baseline information for making forest management decisions. This procedure will be coordinated with Rock Island and St. Louis Districts, as well as our interagency partners.

3. O&M Program Habitat Projects – Construction plans are currently being developed to stabilize eroding shorelines and reduce backwater sedimentation at Hummingbird Slough in pool 9. Construction is scheduled for FY02.

**Environmental Management Program Coordinating Committee
Official Agency Representatives**

Corps of Engineers (Co-Chair)

Stephen Cobb
U.S. Army Corps of Engineers
Mississippi Valley Division
Box 80 ATTN: CEMVD-PM-R
Vicksburg, Mississippi 39181-0080
Phone: (601) 634-5854
Fax: (601) 634-5849
<stephen.cobb@mvd02.usace.army.mil>

Fish and Wildlife Service (Co-Chair)

Charles Wooley
Assistant Regional Director for Ecological Services
U.S. Fish and Wildlife Service
Bishop Henry Whipple Federal Building
1 Federal Drive
Fort Snelling, Minnesota 55111-4056
Phone: (612) 713-5178
Fax: (612) 713-5292
<charles_wooley@fws.gov>

Illinois

Scott Stuewe
Office of Resource Conservation
Illinois Department of Natural Resources
524 South Second Street
Springfield, Illinois 62701-1787
Phone: (217) 785-8263
Fax: (217) 785-8262
<sstuewe@dnrmail.state.il.us>

Iowa

Kevin Szcodronski
Iowa Department of Natural Resources
Wallace State Office Building
Des Moines, Iowa 50319
Phone: (515) 281-8674
Fax: (515) 281-6794
<kevin.szcodronski@dnr.state.ia.us>

Minnesota

Steve Johnson
Minnesota Dept. of Natural Resources
500 Lafayette Road, Box 32
St. Paul, Minnesota 55155-4032
Phone: (651) 296-4802
Fax: (651) 296-0445
<steve.johnson@dnr.state.mn.us>

Missouri

Gary Christoff
Environmental Policy Coordinator
Missouri Department of Conservation
P. O. Box 180
Jefferson City, Missouri 65102
Phone: (573) 751-4115, ext. 3357
Fax: (573) 526-4495
<chrisg@mail.conservations.state.mo.us>

Wisconsin

Terry Moe
Mississippi-Lower St. Croix Team Leader
Wisconsin Department of Natural Resources
3550 Mormon Coulee Road
La Crosse, Wisconsin 54601
Phone: (608) 785-9004
Fax: (608) 785-9990
<moet@dnr.state.wi.us>

U.S. Geological Survey (BRD)

Leslie Holland-Bartels
Center Director
U.S. Geological Survey
Upper Midwest Environmental Sciences Center
2630 Fanta Reed Road
La Crosse, WI 54603
Phone: (608) 781-6221
Fax: (608) 783-6066
<leslie_holland-bartels@usgs.gov>

U.S. Dept. of Agriculture

U.S. EPA

Al Fenedick
U.S. Environmental Protection Agency
Environmental Analysis Section, ME-19J
77 West Jackson Blvd.
Chicago, Illinois 60604
Phone: (312) 886-6872
Fax: (312) 353-5374
<fenedick.al@epa.gov>

U.S. Geological Survey (WRD)

George Garklavs
District Chief
U.S. Geological Survey
Water Resources Division
2280 Wooddale Drive
Mounds View, Minnesota 55112
Phone: (612) 783-3100
Fax: (612) 783-3103
<garklavs@usgs.gov>

U.S. Dept. of Transportation

Al Ames
Great Lakes Region Director
U.S. Department of Transportation
Maritime Administration
2860 South River Road, Suite 185
Des Plaines, Illinois 60018-2413
Phone: (847) 298-4535
Fax: (847) 298-4537
<maradgl@aol.com>

Staff Services Provided by: Upper Mississippi River Basin Association

Holly Stoerker, Executive Director
415 Hamm Building, 408 St. Peter Street
St. Paul, Minnesota 55102
Phone: (651) 224-2880
Fax: (651) 223-5815
<hstoerker@umrba.org>