

## MEMORANDUM FOR Record

SUBJECT: Minutes of River Resources Forum Meeting #77, 6 December 2006

1. Introductions / Approve Minutes – A meeting of the River Resources Forum (RRF) was held on 5 – 6 December 2006 at MN Valley National Wildlife Refuge in Bloomington, MN.

Attached is the attendance list and handouts from the meeting. Following introductions, the minutes from RRF #76 were approved with a minor change to the wording of the endorsement for writing a White paper by the Fish and Wildlife Work Group.

2. 2007 Meetings

April 24 – Winona, MN

August 28 and 29 – Alma/Wabasha area

December 5 and 6 - MN Valley Nat'l Wildlife Refuge, Bloomington, MN

3. Agency Activities – Note: Only the agencies listed below had significant information to report.

A. FWS (Hultman, Wege): The FWS has reproduced copies of the CCP. Tony Sullins is the new Field Supervisor for the Twin Cities Ecological Services Field Office in Bloomington, MN.

B. NPS (Guilfoyle): Paul Labovitz is the new Park Superintendent for MNRRA, replacing JoAnn Kyril.

C. COE (Krumholz): Navigation season on the Mississippi River ended the week of 11/27. There is construction at the following locks and dams this winter: major maintenance at LD 10, bulkhead slots at LD 4 and LD 9, and dewatering at LD 2. If groups want to visit the LD2 dewatering project they can make arrangements through Jeff Gulan. The advertisement for the Chief Channels & Harbors position closed on 11/24 and a selection is anticipated in January. The COE is still supporting Hurricane Katrina and the St. Paul District's Chief of Engineering is down there. Dick Lambert asked if the navigation charts will be electronic. Paul Machajewski stated they will be electronic based on existing data from the 2001 charts with some updated data. A message will be posted when these are available. Greg Genz made the observation that the Corps was advertising for a contract to operate a lock in the Chicago area and asked the status of the Corps lock and dam privatization study. (After the meeting, it was relayed to Greg that the Chicago lock was privatized some time ago and the advertisement was a renewal of that contract.) The corps has decided to not pursue privatization of the lock and dam system in general but will study what our most efficient organization is.

(Otto): The Land Use Allocation Plan (LUAP) is underway for updates. It includes land zoning plan and water surface. Scot Johnson suggested other public lands be included in LUAP.

(Baumgard): Looking into increasing the use of helper boats at LD 3.

D. USCG (Kepper): Lt. Kepper is the new manager in St. Paul. There is a new office in LaCrescent at LD 7. They approved conditional use of the public dock in Hastings.

- No commercial vessels will be allowed to use the dock. They have started to prepare for the 2008 Republican Party held in St. Paul.
- E. MNDOT (Lambert): Construction continues on Pelzer St. road expansion and railroad overpass in Winona. Duluth and St. Paul received some port development money. St. Paul will use for seawall at St. Paul slip.
  - F. WIDOT (Kieck). Received one harbor assistance application.
  - G. MNDNR (Johnson, Wooden): Continuing to reorganize offices to St. Paul which could result in more Mississippi River focus.
  - H. WIDNR (Fischer): WIDNR currently under DOA mandate to go through budget reduction exercise. Thanked the COE for taking part in turbidity tubes at the LD's and would like to see that expanded.
  - I. MPCA (Mader): Change in upper management personnel – organization chart can be access from the MPCA's website (<http://www.pca.state.mn.us>).
  - J. LMRWD (Schwalbe): Would like to see Cargill East River site constructed in spring 07. Had meeting with MNDOT on the HWY 494 site and it was rejected because of slope stability and concern with contaminated material. Continuing to look at historical sites such as Hwy 35 E and Powerline. Genz commented about the contaminated material issue and Lambert will further discuss with MNDOT. Johnson requests notice of all OSIT meetings so MNDNR can attend.
  - K. UMWA (Genz): Comments have been made that the River conditions in the St. Paul District this past season were the best they've ever seen.
4. Channel Maintenance Program (Machajewski, Lund, & Tapp) [Handout 77-1].
- Reviewed the 2006 dredging summary, C&H activities for 2006 and schedule for 2007.
  - Construction of Cargill East River is scheduled for spring 07.
  - Channel Management Studies were reviewed which include Pools 2, upper 4, 8, and upper 9.
  - Dredge Material Management Plans were discussed for MN River above Hwy 35W bridge, Lower Pool 4, and Pool 5. The October 2000 MN River plan will be finalized and sent to the RRF in February for endorsement by email in March. The Corps would like to begin implementation of the Cargill East River site in April. Scot Johnson recommended the MN river plan for Below the 35W Bridge needs to be created and Tapp concurred. Work on the Lower Pool 4 Plan continues and completion is scheduled for December 2007. Planning for the Fisher Island site unloading will begin in 2007.
  - Real Estate Activities were discussed for 2006 and 2007.
  - Teepeeota Point Unloading [Handout 77-2]
    - Schedule was discussed with endorsement scheduled for February 2007 via email.
  - The RWWL shoreline will be monitored for erosion since dredged material was placed on the beach as suggested by Genz.
  - Scot Johnson asked for a cost comparison between Spring Lake Islands E1 and E3 and the HREP islands.
  - The rock stockpiled on the LD 5 levee needs to be incorporated in a project so it can be removed from the levee.

- Sediment testing will be completed for a number of main channel locations in 2007. The results will be added to the table show in the CMMP (Tab5) when available.
5. Water Level Management (Schlagenhaft) [Handout 77-3]
- Pool 5 drawdown summary and monitoring, positive public comments, and decision document by COE
  - Report on Pool 5 and Pool 8 drawdown will be out by spring 2007
  - Mississippi River Research Consortium to meet in LaCrosse in April
  - Pool 6 Drawdown - Need more data before drawdown.
  - There is not a drawdown scheduled for 2007.
  - COE through NESP is producing a synthesis report in 2007 which will summarize the results of all drawdown activities.
  - Want to discuss the use of EMP funds for drawdowns during the April RRF. The RRF agreed that it would be appropriate to bring this issue back to the table because NESP has not been authorized and the Corps has limitations in the O&M program to implement drawdowns.
6. Fish & Wildlife Work Group (Anderson)
- White paper on recreation boat study – Scot Johnson created draft document on ecological effects.
7. Recreation Work Group (Berg) [Handout 77-4]
- A. Beach Plans
- A priority list for the Beach plans was reviewed and discussed
  - The format for the Beach Plan will be similar to the CMMP, such that it will be a three ring binder that can easily be changed and updated; one section that is common to all pools and individual sections for each pool.
  - Pool 9 beach plan is scheduled for endorsement by the spring 2007 RRF meeting
  - The work group will look at adding Pool 1 to the list of plans
- B. Recreation Boat Study
- The funding request and a list of priorities for the aerial flyover was presented and discussed.
  - Hultman requested documentation on what the data will be used for so he can justify requesting funds
  - The website created by St. Mary's will be presented during the April 2007 RRF.
8. Navigation & Ecosystem Sustainability Program (DeZellar) [Handout 77-5]
- A. WRDA
- Congress did not pass WRDA this year. Congress will try again next year.
- B. FY 06 Accomplishments
- Continued work on 35 projects
    - Forestry Management plan drafted (Credit was given to Randy Urich and his staff for working on this)
    - Pool 5 – continue monitoring mussels
    - Flood Plain restoration projects

- Reallocated funds in Mar 06 to fund economic re-evaluation report
  - Systematic Public Involvement and Institutional Arrangements took big hits.
- C. FY 07 Work Plan
- Working under a Continuing Resolution which is expected to last through Feb 07 and maybe all year.
  - Working under an assumed \$10M budget (\$600K programmatic, \$2.0M economic re-evaluation report, \$3.7M navigation efficiency, \$3.7M ecosystem restoration)
  - Continue work on 32 programs/projects. Emphasis on construction readiness for FY 08.
    - Switch boats, moorings, forestry – Reno Bottoms, WLM – Pool 5 and 8, Wing Dam alteration – Pool 2
  - Economic Re-Evaluation Report is due to ASA(CS) by Sept 07. Re-evaluate recommended navigation efficiency plan using updated models and data
- D. Pierce County Project
- Briefly discussed the Pierce County Islands project and the letter from WI DNR to COE regarding the project. Jim Fischer stated the WIDNR appreciates DeZellar's efforts and the willingness of the NESP management team to expand the project scope in order to better leverage future projects.
9. Environmental Management Program (Powell) [Handout 77-6]
- A. General
- There have been changes to PM's in the EMP program
  - 2007 potential work based on a total budget of \$16-\$20M, \$3.6M for MVP
  - Fact sheets have been sent to SET for project review and priority
  - MVR wants to put together a traveling EMP display
  - Working on completion reports
  - MVR is awaiting funds to distribute Design Handbook
- B. 2007 Scheduled
- 6 projects in planning phase
  - 2 projects in design phase
  - 5 projects under construction
10. Navigation Work Group (Machajewski)
- Nothing to report.

Dan Krumholz  
Co-Chairman, RRF

Att:

- #76-1 2006 Dredging/Channel Management Summary
- #76-2 Teepeeota Unloading Document
- #76-3 WLMTF Update
- #76-4 Pool Plan Priority List/Position Statement/2007 Rec Boat Study
- #76-5 Pierce County Island Letters
- #76-6 EMP Summary

# RIVER RESOURCE FORUM #77

5 – 6 December 2006

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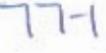
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2006 DREDGING SUMMARY - ST. PAUL DISTRICT

POOL	LOCATION	RIVER MILE	EQUIP.	DATE	DEPTH	CUBIC YARDS	PLCMT. SITE LOC.&TYPE	CATE-GORY	CLASS	JOB TYPE
MN	Above Savage	14.3-14.7	CM1	08/04-08/06	11	5,006	MN-12.1-RMP	S/B		R
MN	Cargill	12.7-12.9	CM1	08/03-08/04	11	4,409	MN-12.1-RMP	S/B		R
MN	Peterson's Bar	11.9-12.4	CM1	07/28-08/02	11	17,667	MN-12.1-RMP	S/B		I
U	Above Lowry Ave.	856.6-857.1	CM2	08/18-09/05	11	28,926	U-856.6-RMP	S/A		I
2	Pind Bend Landing	824.0-824.5	GTZ	06/30-07/02	12	21,843	2-823.8-LMT	L1/B		R
2	Pine Bend	823.4-823.7	GTZ	07/02-07/05	12	36,533	2-823.8-LMT	L1/B		R
2	Boulangier Bend	820.7-821.4	GTZ	07/07-07/10	12	32,091	2-821.1-LMT	L1/B		R
2	Boulangier Bend Lwr. Lt.	819.0-819.8	GTZ	07/10-07/18	12	74,805	2-821.1-LMT	L1/B		R
3	Coulters Island	801.6-802.0	CM1	08/20-08/27	12	26,176	3-799.2-RMT	S/B		I
3	Diamond Bluff	800.2-800.7	CM1	08/17-08/20	12	12,272	3-799.2-RMT	S/B		R
4	Cannon River	792.7-793.6	CM1	08/28-09/20	12	40,401	4-792.6-RMP	S/A		I
4	Chippewa Delta	763.5	CH	05/17-06/24	9	246,119	4-761.0-RMP	L1/S/A		R
4	Reads Landing	762.4-762.8	GTZ	06/06-06/14	12	68,712	4-762.7-LWT	L1/S/A		I
4	Teepeeota Point	757.0-757.9	CM1	06/18-07/07	12	40,571	4-754.0-LWP	S/A		I
4	Grand Encampment	756.4-756.8	GTZ	06/21-06/27	12	40,500	4-756.5-LWT	L1/A		I
4	Beef Slough	754.0-754.5	CM1	07/07-07/13	12	18,347	4-754.0-LWP	S/A		R
5	Mule Bend	748.0-748.1	CM1	06/12-06/14	12	3,971	5-748.0-RMT	L3/A		R
5	Below West Newton	746.4-746.6	CM1	06/14-06/17	12	7,001	5-748.0-RMT	L3/A		R
5	Fisher Island	745.0-745.3	GTZ	06/16-06/18	12	17,061	5-745.8-RMT	L3/A		I
5	Lower Zumbro	744.1-744.4	CM1	07/09-07/10	12	2,861	5-748.0-RMT	L3/A		E
5A	Betsy Slough	731.2-731.4	CM1	07/15-07/18	13	17,855	5A-731.9-LWP	L3/A		R
7	Lower App. LD 6	713.9-714.1	CM1	09/28-10/02	13	14,412	7-714.1-LWP	S/A		R
8	Picayune Island	690.9-691.2	CM1	10/03-10/11	12	14,172	8-688.7-RMP	S/A		R
8	Sand Slough	694.4-694.5	GM	08/28-08/28	13	1,051	8-693.3-LWP	L1/A		R
9	Indian Camp Light	665.2-665.8	CM1	10/21-10/28	12	2,054	9-670.5-LWP	L1/A		R
9	Lansing Upper Light	664.1-664.7	GTZ	08/01-08/09	12	25,745	9-663.5-LWP	S/A		I
							TOTAL	2006 Beneficial Use Update		
CALENDAR YEAR	MISS. RIVER	335,591	DUBQ	GM	CM1/CM2	CH	TOTAL	Beneficial Use		
	MINN. RIVER	0		1,051	241,269	246,119	824,030	Total Beneficial Use		
	ST. CROIX RIVER	0		0	27,082	0	27,082	Total Quantity Dredged		
	HARBORS	0		0	0	0	0	Beneficial Use Quantity		
	TOTAL	335,591		1,051	268,351	246,119	851,112	100%		
FISCAL YEAR	MISS. RIVER	452,448	4,070	1,051	233,395	246,119	937,083	Total Jobs w/Beneficial Use		
	MINN. RIVER	0		0	27,082	0	27,082	Total Jobs		
	ST. CROIX RIVER	0		0	0	0	0	Beneficial Use Jobs		
	HARBORS	0		0	0	0	0	100%		
	TOTAL	452,448	4,070	1,051	260,477	246,119	964,165	Beneficial Use Jobs		

\* OSIT coordination was completed prior to dredging. dredging practices were routine, placement site used was previously approved, and placement methods did not change from past practice at the site. No after action report will be completed, as all information necessary is contained in this dredging summary.

NOTE: Cannon River quantity is an estimate due to final quantity discrepancy between Contractor and COE.



2006 Channel Management & Placement Site Activities Summary - St. Paul District

POOL	JOB NAME / DESCRIPTION	WORK TYPE (see key)	RIVER MILE	WORK DATES	EQUIP	CUBIC YARDS DREDGED	ROCK (TONS)	COMMENTS / JOB NOTES
All	Reposition Buoys in District	SM	--	20 Mar - 7 Apr	MR			Repositioned buoys along main channel Placed rock at daymarks designated by the USCG.
All	USCG - Rock Placement	SM	--	Aug - Sep	MR			Removed two snags from channel.
MN	Snag Removal	EX	10.4	3 May	MR			Removed rock to create a notch in structure.
2	Is. 112 Closure Structure - Notch	SM	827.5R	14 - 15 Jun	MR			Prepared site. Removed drop structure.
2	Upper Boulanger Bend	RE	821.5L	7 Jun - 22 Jul	MR			Prepared site
3	Corps Island	RE	799.2R	11 - 17 Jul	MR			Prepared site
4	Crats Island	RE	759.3L	11 Jun - 8 Jul	MR			Installed boulders and repaired timbers along entrance road.
4	Alma Marina P.S.	LS	754.0L	18 - 21 Sep	MR			Site partially unloaded Repositioned buoys along main channel per drawdown conditions
4	Reads Lending	EX	762.7L	6 - 14 Jun	CT	68,712		Seeded Islands
5	Reposition Buoys	--	747.9 - 748.5	12 & 21 Jun	MR			Prepared site
5	Island E1 & E3	LS	--	June	CT			Prepared site
5	Lost Island	RE	744.7L	25 May - 8 Jun	MR			Prepared site
5	Fisher Island	RE	745.8R	8 - 25 May	MR			Dredged access to loading dock Removed rock mound and used rock for USCG work.
7	LD 6 Loading Dock	DR	714.1	9 - 17 May	MR	1,184		Reshaped site to meet safety requirements. Removed drop structure.
8	Rock Mound	EX	694.6	28 Aug	MR	100		Added reflective tape and installed another lead line buoy.
9	Lansing	RE	664.3	26 Sep - 2 Oct	MR			
9	Mooring Buoy Below LD 8	IN	678.3R	3 May	MR			

Key

BS	Bank Stabilization	CH	Contract Hydraulic
CL	Closure	CM	Contract Mechanical
DR	Dredging	CT	Contract of Purchase Order
DS	Drop Structure	DUBQ	COE Dredge Dubuque
EX	Excavation	WAT	COE Maintenance & Repair Unit
FB	Fabrication	WAT	COE Dredge William A. Thompson
IN	Installation	IaDNR	Iowa Department of Natural Resources
IS	Island	MnDNR	Minnesota Department of Natural Resources
LS	Landscaping	WIDNR	Wisconsin Department of Natural Resources
RE	Reshaping	NRM	COE Natural Resource Management Project Office
WD	Wing Dam	//	Italicized numbers are estimates.
SM	Structure Modification		

**Project Proposal  
For RRF on 5 December 2006**

**Teepeeota Point Placement Site Excavation  
St. Paul District Corps of Engineers**

The Teepeeota Point Placement Site (4-757.5-LW) is located in Lower Pool 4 of the Upper Mississippi River between river miles 757.0 – 757.9 in Buffalo County, Wisconsin. The site is filled to capacity and needs to be unloaded to restore capacity. The site currently holds approximately 1.6 million cubic yards of material. The Corps is proposing to excavate approximately 300,000 to 350,000 cubic yards of stockpiled dredge material from the Teepeeota Point placement site and transfer it to a gravel pit near Wabasha, MN. This would give the site capacity for an estimated 10-12 years based on historic dredging requirements at Teepeeota Point. Estimated construction costs (based on \$3.00 per cubic yard) are about \$900,000 to \$1,050,000.

A hydraulic dredge would be used to transfer the material to the pit location. The pipeline would cross under the main channel into Minnesota, across Robinson Lake, along private property (Fitzgerald and Sperl), over a county asphalt bike trail, under the county highway, along private property (Interstate Building and Supply) and into a gravel pit (Bennett Pit). Total pipeline length is approximately 11,000 to 12,000 feet. A plan view map showing the layout of the pipeline is attached.

Excavation of material at the Teepeeota Point placement site will start at the downstream (south) end of the site near the existing effluent control structures. An opening of approximately 150 feet will be required for dredge access into the site. Since the Teepeeota Point site is owned by the Fish & Wildlife Service, this access will be closed following the excavation similar to the closure at the Reads Landing site completed in 2006. Normal hydraulic dredging procedure will take place and a 20 foot excavation depth is proposed. Any disturbed areas of the placement site will be left with a maximum of 1V:3H slope. Perimeter vegetation will not be disturbed except where access is excavated. The pipeline will be submerged under the main river channel and in certain areas within Robinson Lake to accommodate commercial and recreational navigation. The pipeline will cross the Sperl property just to the south of their house and run in an east-west direction through the Fitzgerald property.

The pipeline will cross County Road 30 (Hiawatha Drive East) and a county asphalt bike path on the east side of the highway. The pipeline will be placed on top of the bike path. A temporary ramp will be constructed at the pipe so the path can be useable during project construction. The county does not want the road surface of the highway cut and patched. Therefore, the pipeline will be jacked under the highway.

The pipeline will continue overland through the Interstate Building and Supply, Inc. property. The pipeline layout would be along the south and west edges of the property along the chain link fence. The pipeline would then terminate at Bennett's gravel pit in Wabasha County, Minnesota. There are no cultural concerns with the current proposed alignment of the pipeline.

Trees and shrubs in the pit will be cleared and grubbed. Burying trees on site will not be allowed. Trees that are not in the pit and trees around the edge will not be removed. Finished grade of the pit after it is full will match the existing grade around the pit. Final grade will accommodate some drainage from Interstate Building and Supply. The current plan is to add 4-6 inches of topsoil and seed grass on the area where dredge material was placed.

The Bennett Pit is 19 acres in size and the plan is to pond the effluent on site at the pit. There will not be a return line, or effluent discharge from the site. Three monitoring wells are set up on the fringes of the old gravel pit, which form a triangle. There is an upgradient well to the west and 2 downgradient wells along Hiawatha Drive. They will provide soil and groundwater data. The borings will indicate the soil type and data to determine seepage rates. The wells will also verify that there are no contaminants in the system that could be mobilized with all the dredge return water (effluent). The wells installed in the borings will provide the water table information to determine the groundwater flow direction and an access for sampling. The sampling will test to verify any preexisting contamination at the site. The sampling will also provide baseline data on the groundwater prior to dredged material placement, since groundwater levels and constituents vary seasonally. Dataloggers will be installed in these wells to determine groundwater flow direction and gradient. After the dredged material is placed and monitoring is complete, the Corps will properly abandon the wells. Private wells within about 2,000 feet of the pit will be tested. Based on the location and the current number of private wells, there will be no more than 3 wells that will be monitored.

The Corps needs to obtain the following permits for the proposed project.

- USFWS special use permit – pipeline crossing refuge.
- Temporary construction easements from private landowners in Minnesota.

The construction contractor will need to obtain the following permits for the construction activity of the project.

- Permit to jack pipe under Hiawatha Drive and pipe crossing the bike path, from Wabasha County or the City of Wabasha.

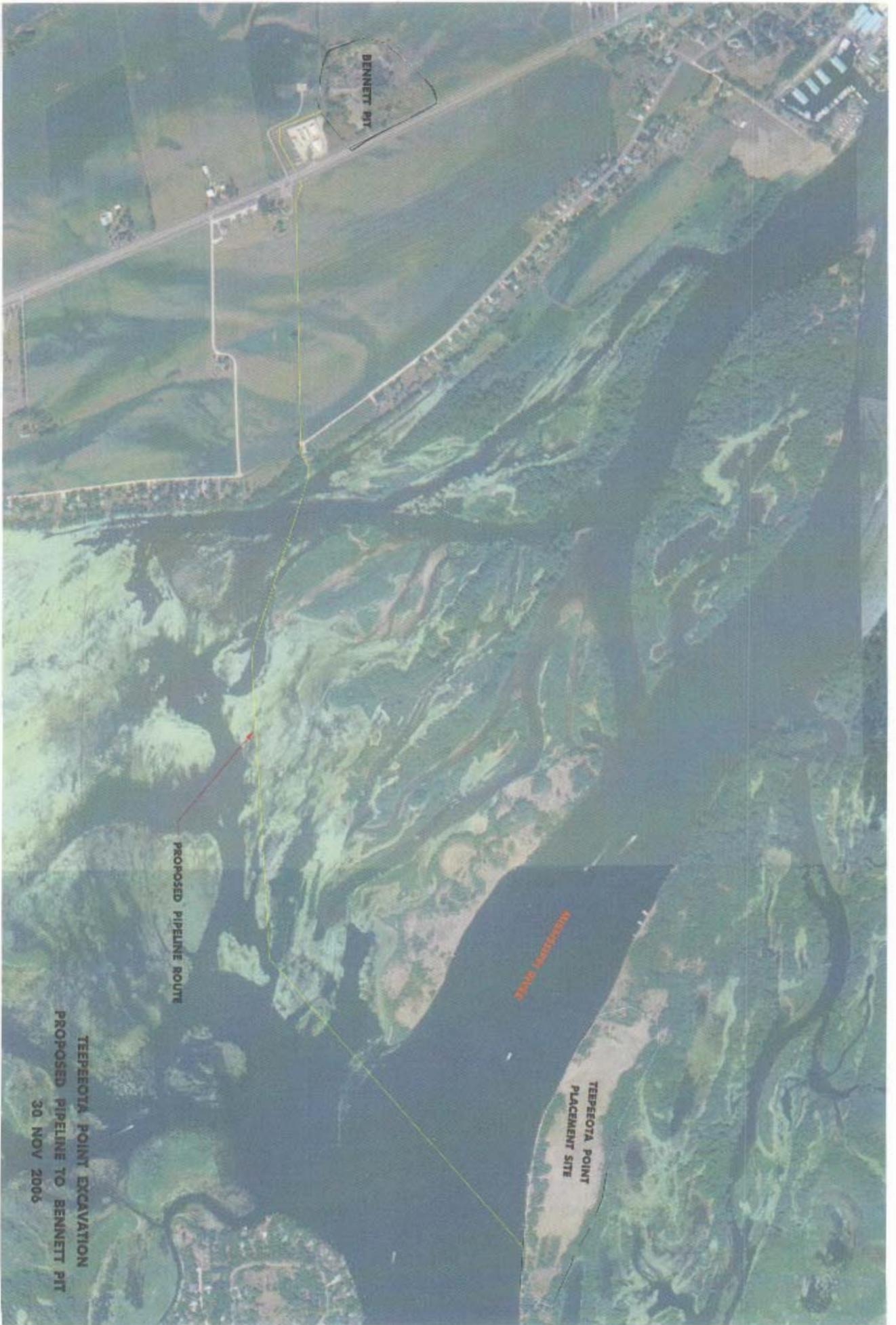
#### OSIT Coordination

The OSIT and representatives from the City and County of Wabasha met at the site on 30 November 2006. The proposal was discussed and all agencies in attendance supported moving forward with the project. There were a few minor concerns, but they will all be addressed in the EA and/or the contract specifications.

#### Schedule

This proposal will be sent to RRF members by email and given 30 days to review and comment. RRF members should review this proposal, discuss with their OSIT representatives, and be prepared to endorse the proposal via email in February 2007.

The Corps will start on the plans and specifications as soon as possible and hope to have the FONSI signed in March 2007. The Corps would like to award the contract in April 2007 and the target date for the construction activity would be from June through November of 2007. The contract may extend into the spring of 2008 to complete topsoil and seeding work.



BENNETT PIT

PROPOSED PIPELINE ROUTE

MISSISSIPPI RIVER

TEPEEOTA POINT  
PLACEMENT SITE

TEPEEOTA POINT EXCAVATION  
PROPOSED PIPELINE TO BENNETT PIT  
30 NOV 2006

Water Level Management Task Force Update – River Resources Forum  
12/6/2006

- Last meeting September 27, 2006
- 2006 Pool 5 drawdown
  - Drawdown lasted only a few weeks and was discontinued due to low flows and channel conditions
  - Main channel advanced dredging not as favorable as Pool 8
  - Grounding not related to drawdown
  - Monitoring was completed for vegetation, mussels, water quality, waterfowl, shorebirds, nutrients, recreational access
  - Many positive public comments received regarding vegetation, water clarity and waterfowl numbers
  - Decision document will be developed by Corps to aid in planning future Pool 5 drawdowns
- Summary report of drawdown results for Pools 5 and 8 will be completed late winter/early spring for public/agency use
  - Mississippi River Research Consortium in LaCrosse in April may include session on drawdown results
  - Industry news release on drawdowns
- Pool 6 drawdown
  - Proposed for 2007, agencies requested to provide recommendations
  - No consensus – some concerns over collecting additional information - no drawdown scheduled
- Corps producing synthesis report in 2007 summarizing drawdown results from all Pools/past efforts
- There are no drawdowns scheduled for 2007
- Adaptive management approach to water level drawdowns being developed by Task Force to aid in long-term planning

**Recreation Work Group**  
**Recreation Beach Management Plans, Pools 2 – 10**  
**St. Paul District, Upper Mississippi River**

**"DRAFT" ver. 3 (Nov. 2006)**  
**Prioritized List for Updating and/or Completing Beach Plans**

**Priority 1 – Pool 9**

>Draft completed in 1987. Need to complete this plan that started years ago. Public has provided some input and USFWS active with Friends Group of Pool 9. Have completed two work group/OSIT meetings in pool 9 and Corps has started process to complete this plan. (Need to finalize schedule to complete...but try to have ready for RRF endorsement in Spring of 2007.)

**Priority 2 – Pool 4 (below Lake Pepin)**

>No plan exists however, some minor beach work funded by WDNR and coordinated with appropriate agencies was conducted in 2003. Public interest is high and many potential beach sites to be incorporated into plan. Also – no beach plans currently exist for this FWS District as a whole, but do exist in the two other Districts. Begin in Spring of 2007.

**Priority 3 – Complete Updates of Pools 7 and 8**

>Need to complete update that started prior to CCP process. However, on-sites will need to be completed w/public involvement/local interest groups involved – throughout rest of planning process. Recommend we start this effort in Summer of 2007. Solicit public interest and effort during Spring of 2007?

**Priority 4 – Pool 10**

>Original plan is from 1986. Need to revisit and update this plan as we have received numerous requests from the public to do beach work; local interest and involvement expressed as recent as Oct. 06. Some beach work completed near McMillan Is. (pool 10) in Sep. 2002. Begin summer of 2008.

**Priority 5 – Pools 5, 5A and 6**

>Lower on the list due to availability of better beaches, at least in Pool 5. No plans exist and have received comments during other public meetings about conducting beach work/planning in these pools. Revisit time-line to address beach planning in these pools after completion of higher priorities.

**Priority 6 – Pools 3 and Upper 4**

>Plan completed in 1998. Added Sea-Wing/Diamond Bluff beach site in 2004. Also completed work at RWWL site in September of 2006. Need to update/amend plan to reflect most recent work.

**Priority 7 – Pool 2**

>Plan completed and printed in 2004. Update as necessary.

***Plan start-up and completion dates are dependent on continued participation by partnering agencies, funding from Corps, other agencies and organizations, etc..***

**POSITION STATEMENT for RIVER RESOURCES FORUM  
FRIENDS OF POOL 9, UPPER MISS REFUGE, INC.  
December 6, 2006**

The **Friends of Pool 9, Upper Miss Refuge, Inc.** is a citizen action group based out of Lansing, Iowa. Membership in the group is presently over three hundred. The group is focused on the enhancement and enjoyment of Pool 9, Upper Mississippi River National Fish and Wildlife Refuge. Activities and projects supported by the group are financed entirely through donations and grants; there are no dues to belong to the organization. In 2006 the group organized four major events: a beach restoration and enhancement project, a 31 mile long Pool-wide clean up, a beach and island nourishment project, and a fall birding festival; the previous three jointly developed by the Friends of Pool 9, the US Army Corps of Engineers, the US Fish and Wildlife Service, and the Iowa, Minnesota, and Wisconsin Department of Natural Resources.

In each activity the cooperation and commitment between Agency personnel and local citizens was superb. The local community expressed dissatisfaction when area beach concerns were not addressed by the CCP process, and utilized that passion to create enthusiasm and support for a beach restoration project. The local group developed a financial base, secured equipment, and located qualified operators that had done this type of work before. With this network established on a local level Agency personnel were contacted. Their response was positive, and they were willing to cooperate with the Friends group to restore and enhance identified beach areas that were commonly agreed upon by the attending Agencies. A process of inspection and inquiry followed each on-site beach visit by the team and gradually a level of trust, respect, and understanding developed between the groups. We (Friends of Pool 9) feel very fortunate to have had the opportunity to be a pioneer group in this endeavor. We truly feel a new era of trust and cooperation are evolving between the local community and the Agencies.

We are appreciative of the efforts of the USACOE, USF&WL, I DNR, W DNR, and local citizens to better serve the needs of the Mississippi River, its inhabitants, and bordering communities. We believe this level of commitment and cooperation to be the successful model of the future for the river and its users. We look forward to an ongoing relationship with Agency personnel as we strive to develop a sound Beach Maintenance Plan and work to make the river a better place for citizens and wildlife alike.

Sincerely,

John Verdon, President  
Friends of Pool 9, Upper Miss Refuge, Inc.  
P.O. Box 455  
Lansing, IA. 52151

11/7/2006

**2007 Recreational Boating Study - Preliminary Work Plan Outline**

Prepared by the Recreation Work Group for the River Resources Forum's December 2006 meeting

Cost estimates include 10 flights, digital capture, boat counts, data analysis, and a written report. For Pools 1 – 10, the cost estimate also includes posting and updating the information on the Upper Mississippi River Recreational Boating web-mapping page. See the 2001 Recreational Boating Survey report for more details.

Listed below - in priority order - are potential river reaches to be included in the 2007 Recreational Boating Study.

RIVER	REACH	DISTANCE	RATE	APPX. COST	AGENCIES
1. Mississippi River (Pools 1-10)	A. St. Anthony Falls to Prescott	41 miles	\$273/mile	\$11,193	MDNR, Corps
	B. Prescott to Chippewa River	48 miles	\$273/mile	\$13,104	MDNR, Corps, WDNR
	C. Chippewa River to Iowa Border	90 miles	\$273/mile	\$24,570	MDNR, Corps, WDNR, *USFWS
	D. Iowa Border to Guttenberg	<u>59 miles</u>	\$273/mile	<u>\$16,107</u>	Corps, WDNR, *USFWS
	SUBTOTALS	238 miles		\$64,974	

\*USFWS participation is dependent on winning a competitive grant. Grant award determination in Spring 2007.

Proportional Costs per Agency = Distance x Rate / # Agencies

MDNR	A. 5,597 + B. 4,368 + C. 6,143	= \$16,108
Corps	A. 5,597 + B. 4,368 + C. 6,143 + D. 5,369	= \$21,477
WDNR	B. 4,368 + C. 6,143 + D. 5,369	= \$15,880
USFWS	C. 6,143 + D. 5,369	= \$11,512

2. St. Croix River	A. Taylors Falls to Stillwater	27 miles	\$350/mile	\$9,450	MDNR?, WDNR?
	B. Stillwater to Prescott	25 miles	\$350/mile	\$8,750	MDNR?, WDNR?
3. Minnesota River	Savage to Fort Snelling	22 miles	\$350/mile	\$7,700	MDNR, USFWS, LMNRWD? Others?
	Carver Rapids to Savage	13 miles	\$350/mile	\$4,550	MDNR, USFWS, LMNRWD? Others?
4. Mississippi River	Dayton to St. Anthony Falls	26 miles	\$350/mile	\$9,100	???

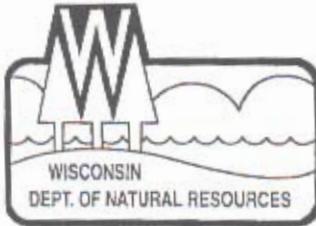
**Grand Total \$104,524**

**Agencies not currently participating for a variety of reasons:**

- NPS –MNRRA = Level of funding for next year uncertain. Interested in participating if funding levels allow.
- NPS- Lower St. Croix = Level of funding for next year uncertain. Interested in participating if funding levels allow.
- IDNR = Have never provided financial support and do not plan to this year.

**??Uncertainties??**

- 1. Mississippi River = USFWS participation is dependent on winning a competitive grant. Grant award determination in Spring 2007.
- 2. St. Croix River = WDNR Mississippi River Office funding dependent on how much #1 priority costs. St. Croix Office not interested.  
= MDNR funding dependent on other agencies participation.
- 3. Minnesota River = Lower MN River Watershed District interested in contributing some unspecified amount.  
= Lower MN River Watershed District has also solicited funds from the bordering municipalities.
- 4. Mississippi River = NPS-MNRRA level of funding for next year uncertain. Interested in participating if funding levels allow.  
= MDNR funding dependent on other agencies participation.



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Scott Hassett, Secretary  
Scott Humrickhouse, Regional Director

La Crosse Service Center  
State Office Building  
3550 Mormon Coulee Road  
La Crosse, Wisconsin 54601  
Telephone 608-785-9000  
FAX 608-785-9990

October 9, 2006

Mr. Jeff DeZellar  
USACE - St. Paul District  
190 Fifth Street, East  
St. Paul, MN 55101

RE: Pierce County Islands Project

Dear Mr. ~~DeZellar~~: *Jeff*

We have reviewed the draft project statement for the Pierce County Wildlife Management Area NESP Project dated April 10, 2006. The reason for our delay in responding is due to the greatly diminished scope of the feasibility study (when compared to previous drafts of the project statement) and our efforts to determine the reason for this change. The rationale verbally conveyed to us by the Corps regarding the reduction in scope centers on the project being defined as a "floodplain restoration project." We understand that only the moist soil unit is consistent with the floodplain restoration/cost share portion of NESP but it seems logical that we would combine several measures from the list of 14 measures to create a floodplain restoration "complex". The Corps' decision to narrowly focus the project should be reconsidered to include the evaluation of all appropriate cost-effective alternatives to restore ecosystem function and habitat in the Pierce County Wildlife Area and adjacent areas of Upper Pool 4.

The decision to narrowly focus the project, especially the feasibility report, is contrary to our interpretation of the purpose of NESP and ignores the lessons we have learned together over the past 20 years implementing EMP projects. We have worked in cooperation with the Corps on numerous habitat restoration and channel maintenance projects. Together, our agencies have learned over the past 20 years that projects quite often need to consider other potential actions within the vicinity of a proposed project. The broadening of scope during feasibility studies and alternative evaluation often documents cumulative benefits of adjacent proposed features, or, in some cases, negative impacts on an adjacent project area or area we are trying to maintain habitat.

Our experience is that broadening the scope has resulted in numerous cost savings to the Environmental Management Program and Channel Maintenance. Examples of this include Pool 8 Islands, Phase I, Polander Lake, Indian Slough/Big Lake and the joint contract recently finished for Spring Lake Islands. A similar approach of broadening the scope of a project to evaluate cost effective alternatives to meet multiple purposes was taken during the planning of Pool 8 Islands, Phase III. The Phase III project currently includes the use of dredged material from the above Brownsville site for construction of islands to reduce the long term costs of off-loading the above Brownsville site and cost of sand borrow for EMP.

We believe there is a high probability that broadening the feasibility study for this project will result in increased benefits and reduced overall costs for ecosystem restoration and channel maintenance. For example, a meeting was held on September 6, 2006, by the St. Paul District's On-site team to evaluate the use of material dredged from the main channel to restore a beach area and dissected island. The dissected



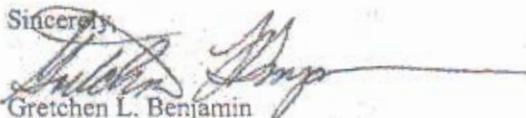
island was located within the project area we have included for evaluation as part of the broader Pierce County Wildlife Area NESP project.

Broadening the scope of the feasibility study and report also provides us, as a co-sponsor, with better information to pursue additional funding in the future to meet our mutual goals and objectives in the Pierce County Wildlife Area. A broader scope will also provide all partners with a better sequencing of future project features based on a full understanding of alternatives to restore ecosystem function and habitat in the Pierce County Wildlife Area and adjacent areas of Upper Pool 4

We are committed to co-sponsoring a project in the Pierce County Islands Wildlife Area and have already set aside money to meet our cost-share obligations. When more detailed planning of the project begins we request the first topic for discussion be reconsideration by the Corps regarding the geographic scope of the project. Our vision, a vision we hope the Corps shares, is to develop and implement a project that will showcase the recommendations in the NESP feasibility report -- a program that is adaptive, efficient and balances the needs of commercial navigation with those of ecosystem restoration.

We look forward to authorization and appropriations for NESP so we can begin work on great projects like the Pierce County Islands.

Sincerely,



Gretchen L. Benjamin  
Mississippi River Team Leader

C Tim Schlagenhaft, MNDNR, Rochester, MN  
Ken Barr, USACE, Rock Island, IL  
Charles Spitzack, USACE, Rock Island, IL



**DEPARTMENT OF THE ARMY**  
ST. PAUL DISTRICT, CORPS OF ENGINEERS  
SIBLEY SQUARE AT MEARS PARK  
190 FIFTH STREET EAST, SUITE 401  
ST. PAUL MN 55101-1638

November 29, 2006

Planning, Programs and Project Management Division  
Project Management Branch

Ms. Gretchen Benjamin  
Mississippi River Team Leader  
Wisconsin Department of Natural Resources  
La Crosse Service Center  
State Office Building  
3550 Mormon Coulee Road  
La Crosse, Wisconsin 54601

Dear Ms. Benjamin:

Thank you for your recent letter concerning the Pierce County Islands (PCI) Floodplain Restoration Project proposed under the Navigation and Ecosystem Sustainability Program (NESP). In your letter, you questioned the scope of the project as outlined in the draft project statement dated April 10, 2006, and expressed concern that the entire Pierce County Islands Wildlife Area was not included in our geographic scope. As currently outlined, the geographic scope of the project includes only the PCI Wildlife Refuge but excludes three other contiguous areas that are below the ordinary high water mark (OHWM).

I have thoroughly reviewed your letter and have had extensive discussions on the scope of this project with the NESP Program Management Team and with the Team Leader for the PCI project. You and I have also discussed the scope of this project at length, and the project was presented and discussed at the Navigation and Environmental Coordinating Committee (NECC) meeting on November 14, 2006.

In your letter, I believe that you presented a compelling case for broadening the project scope to include all four areas that comprise the PCI Wildlife Area. Your letter included the following arguments in support of expanding the scope:

- Broadening the scope during feasibility studies and alternative evaluation can lead to project efficiencies, increased ecosystem benefits, and potential cost savings and can do a better job of identifying cumulative benefits and impacts within the PCI Wildlife Area complex. You presented examples from work our agencies have done together under the Environmental Management Program (EMP).

- Broadening the scope would provide the Wisconsin Department of Natural Resources (WDNR), as project cost-share sponsor, with better information to pursue additional funding to implement the project.

Based on the aforementioned coordination and input received at the NECC meeting, we concur that the project geographic scope should be extended to the entire 957-acre PCI Wildlife Area property. Although the three areas below the OHWM are not considered floodplain restoration candidates, we see the value in performing a more comprehensive project implementation report (PIR) decision document that will address the entire PCI complex for ecosystem restoration.

After we receive authorization and funding for NESP, we propose the following approach to developing the PIR:

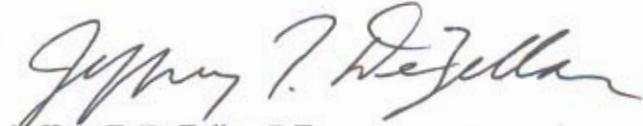
1. Establish the project geographic study area as the 957-acre Pierce County Islands Wildlife Area, which is composed of four subareas: Wildlife Refuge, Head of Lake Pepin Islands, Central Islands area, and the Mud Lake area.
2. Evaluate the wildlife refuge (moist soil unit) alternative in sufficient detail to determine if it is justifiable as a NESP floodplain restoration project, including cost-sharing provisions for construction.
3. In the PIR, evaluate the remaining three areas, which are below the OHWM, in sufficient detail to identify opportunities for future integration with the wildlife area floodplain restoration project, including setting priorities for future implementation. Identify potentially feasible projects in these three areas for future consideration as NESP projects or as projects funded by other programs. Establish cost-sharing for this portion of the PIR.
4. Plan and implement the floodplain restoration project in a manner that leaves the door open for efficient implementation of future, related projects in the wildlife area. This effort should be consistent with what we have learned to date from the ongoing reach planning efforts in Pool 5 and elsewhere, including project sequencing and synergistic effects of the projects with one another.

I hope that this approach will allay the concerns expressed in your letter.

On behalf of the NESP Program Management Team, I am very appreciative of the level of interest and commitment shown by the WDNR and by you as we begin to implement this complex and exciting ecosystem restoration program, of which the PCI project is a part. I look forward to continuing to work with you as we take the necessary steps to help restore the Upper Mississippi River System ecosystem.

Please feel free to contact me at (651) 290-5433 if you have any questions or additional input or wish to further discuss the PCI floodplain restoration project.

Sincerely,



Jeffrey T. DeZellar, P.E.  
Project Manager

Copy furnished:  
Mr. Tim Schlagenhaft  
Minnesota Department of Natural Resources  
Rochester Headquarters  
2300 Silver Creek Road NE  
Rochester, Minnesota 55906

Mr. Ken Barr  
Rock Island District, Corps of Engineers  
Clock Tower Building  
P.O. Box 2004  
Rock Island, Illinois 61204-2004

Mr. Charles Spitzack  
Rock Island District, Corps of Engineers  
Clock Tower Building  
P.O. Box 2004  
Rock Island, Illinois 61204-2004

**ENVIRONMENTAL MANAGEMENT PROGRAM (St. Paul District) - 12/04/06**

PROJECT Contact	FY06 - \$3,710,000 (\$20M Budget)*		FY07 - \$3,596,000**	
	\$1,000	TASKS	\$1,000	TASKS
<b>Polander Lake - \$3.1M</b> Powell	1	Complete closeout	4	Complete O&M manual
<b>Trempealeau NWR - \$5.8M</b> Powell	1	Complete closeout	4	Complete O&M manual
<b>Long Lake Restoration- \$0.5M</b> Powell	2	Complete closeout	3	Complete O&M manual
<b>Ambrough Slough - \$2.7M</b>				
Stage 1 - \$140K Powell	0	None	0	None
Stage 2 - \$1.5M Powell	2	Remove observation wells	3	Complete O&M manual
Stage 3 - \$220K Powell	3	Complete closeout	3	Complete O&M manual
<b>Spring Lake Islands -\$4.4M</b> Novak/Powell	1,482	Complete construction Project closeout	127	Complete O&M manual Complete tree/shrub planting contract Project dedication
<b>Pool Slough - \$0.8M</b> Williams/Powell	239	Re-advertise and award contract Complete dike construction Award pump supply contract	47	Pump delivery and set-up Closeout Project dedication
<b>Harpers Slough - \$9.0M</b> Anderson/Novak/Powell	38	Prepare draft DPR	110	Complete final DPR Initiate Stage 1 P&S
<b>Capoli Slough - \$2.1M</b> Clark/Powell	14	Prepare draft DPR	100	Complete final DPR
<b>Long Meadow Lake - \$0.8M</b> Novak/Devendorf/Powell	441	Complete P&S and award contract Initiate construction	155	Complete construction & closeout Complete tree/shrub planting contract Project dedication
<b>Pool 8 Islands Phase III - \$15.1M</b>				
Stage 1 - \$865K (E-1,2,3 & East) Powell/Novak	970	Complete P&S and award contract Complete construction	13	Closeout Prepare O&M manual
Stage 2 - \$6.9M 2A = \$60K (N-1,3,4,5,6) 2B = \$3.9M (W-1,2,3,4) 2C = \$2.9M (N-2,7,8) Devendorf/Novak/Powell	65	Prepare P&S Stg 2A rock supply	2,626 (+1,600 from CH)	Initiate/complete Stg 2A construction Award contract for Stg 2B Initiate Stg 2B construction Initiate Stg 2C P&S
Stage 3 - \$5.5M (C-2,3,4,5,6,7,8) Novak	0	None	0	None
<b>Lake Winneshiek - \$4.6M</b> Novak/Powell	6	Collect pre-project data	70	Initiate general design
<b>Conway Lake - \$2.5M</b> Clark/Powell	13	Collect pre-project data Continue work on draft DPR	60	Complete draft DPR
<b>McGregor Lake - \$6.4M</b> Powell	0	Develop fact sheet	30	Initiate general design
<b>Finger/Clear Lake - \$0.1M</b> Stefanik/Powell	0	Develop fact sheet	130	Complete letter report Prepare P&S Complete construction

**ENVIRONMENTAL MANAGEMENT PROGRAM (St. Paul District) - 12/04/06**

PROJECT Contact	FY06 - \$3,710,000 (\$20M Budget)*		FY07 - \$3,596,000**	
	\$1,000	TASKS	\$1,000	TASKS
<b>Completion reports</b> Wilcox/Stefanik/Powell	3	Continue work on 8 reports	27	Complete 8 reports
<b>Performance monitoring</b> Wilcox/Powell	14	Develop program Monitoring Complete design handbook	30	Develop program Monitoring
<b>Biological monitoring</b>	0	None	0	None
<b>Baseline monitoring</b> Powell	11	Develop program Monitoring	15	Develop program Monitoring
<b>LTRM</b>	1	Review program documents	0	None
<b>EMP</b> Powell	198	Program management	192	Program management
<b>FWS Assistance</b> Powell	108	Funds to FWS for HREP assistance	105	Funds to FWS for HREP assistance
<b>TOTALS</b>	3,612	Carryover \$98K	3,854	(includes \$98K co + \$160K deobl)

\*Actual costs

\*\*Assumed allocation based on President's Budget of \$26.8M, House of \$20M, and Senate of \$16M

**Contacts**

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 Stefanik, Elliott 651-290-5260  
 Wilcox, Dan 651-290-5276  
 Williams, Terry 651-290-5517