Peoria Lakes Basin Alliance

"A Unified Voice for the Restoration and Preservation of the Peoria Lakes"

For further information regarding the Alliance, please contact the Tri-County Regional Planning Commission 309-673-9330

Heartland Water Resources Council of Central Illinois
416 Main St. Ste 828
Peoria, IL 61602
(309) 637-5253

Representatives
Executive Director:
Tom Tincher

Board Members:
Steve Van Winkle
Wayne Ingram

The Nature Conservancy
Protecting nature. Preserving life.™

301 S.W. Adams St.
Ste. 1007
Peoria, IL 61602
(309) 673-6689

Representatives
State Director:
Michelle Carr

Board Members:
Chris Ryan
Ken Katch

Tri-County Regional Planning Commission
456 Fulton St., Suite 401
Peoria, IL 61602
(309) 673-9330

Representatives
Executive Director:
Eric Miller

Board Members:
Russ Crawford
Michael Phelan
Roy Bockler (Alternate)

PEORIA LAKES BASIN ALLIANCE

AGENDA

Tuesday, August 28, 2018 at 3:00 pm
456 Fulton Street, Suite 401
Peoria, Illinois 61602

MEETING GOALS

PRC Meeting Debrief
Review PLCCP Recommended Plan

1. Call to Order
2. Public Comment
3. Approval of Meeting Minutes for July 5, 2018
4. Peoria Lakes Comprehensive Conservation Plan
   a. PRC Meeting Debrief
   b. PLCCP Recommended Plan
5. Member Reports
   a. Tri-County Regional Planning Commission
   b. The Nature Conservancy
   c. Heartland Water Resources Council
      i. Peoria Lakes Improvement and Lakefront Development Plan
6. Other
   a. Next scheduled meeting(s)
      i. PLBA – Tuesday, September 18 (Emiquon)
         1. Caravan leaves at 9:30 am
         2. Meeting starts at 11:00 am
      ii. PLBA – Wednesday, October 10th at 3:00 pm
7. Adjournment

PEORIA LAKES BASIN ALLIANCE

Tuesday, July 5, 2018 at 12:00 pm
456 Fulton Street, Suite 401
Peoria, IL 61602

MINUTES

1. **Call to Order**
   The meeting was called to order at 12:11 p.m.

Attendees

The Nature Conservancy:	Doug Blodgett
Heartland Water Resources Council:	Tom Tincher
Tri-County Regional Planning Commission:	Michael Bruner, Reema Abi-Akar, Eric Miller, Roy Bockler, and Russ Crawford

2. **Public Comment**
   No public comment.

3. **Approval of meeting minutes for June 19, 2018**
   Blodgett moved to approve the June 19, 2018 meeting minutes and Tincher seconded. Tincher offered a correction to the minutes under "Draft Plan Update." Tom moved to approve the amended minutes and Blodgett second to amend. Motion carries.

4. **Housekeeping**

   a. **Meeting goals**
   Bruner explained the purpose of todays meeting is to debrief from the second public open house and to review plans for the second project review committee meeting.

   b. **PLBA Meeting Times**
   Crawford stated he said 3:00 pm for every meeting in the future at the last PLBA meeting but noted that there might have been some confusion about this and it is documented in the June 19 minutes. Bruner explained that 3:00 pm does not work for him on Tuesday's. Bockler recommended to move the meeting date and time to the second Wednesday at 3:00 pm. Eric second the motion. Motion carries.

   Crawford recommended scheduling the next three months of PLBA meetings. Blodgett asked if we could move the Emiquon meeting to the following week. The next PLBA dates are Wednesday August 15th at 3:00 pm, Tuesday September 18th at Emiquon (The caravan leaves at 9:30 am and the meeting starts at 11:00 am.), and Wednesday October 10th at 3:00 pm.

5. **Peoria Lakes Comprehensive Conservation Plan**

a. **Open House Debrief**

Bruner presented about the open house. A total of 50 participants attended the open house. Including special guests, Col. Steven Sattinger and Mari Fournier. The open house consisted of two presentations (one at the beginning and the second during the middle of the event) and poster boards displaying a location map, draft conservation alternatives and the consolidated list of measures with short definitions.

Bruner went on to explain that participants supplied some general comments and they are included in the agenda packet. Crawford asked if staff has gone over the comments. Bruner explained that staff has not fully, but they are all positive. Miller asked what to do with the comments. Blodgett suggested we respond to the comments in the report. Miller asked if they should receive responses. Crawford stated that some of the participants supplying comments, such as Joyce, are very influential. Bockler stated staff should send thank you for attending and supplying comments. Doug stated we should make sure to use comments to be respectful of the participants. Blodgett motion to respond in the document. Bocklet seconded and the motion carried.

Bruner presented about the sticker prioritization activity. The top three for environmental impact were prairie and bluff restoration and management, floodplain recapture, and agriculture water BMPs. The top three for quality of life were conservation and recreation corridor anchors, urban stormwater BMPs, and invasive fish species. The top three for feasibility/sustainability were beneficial use of sediment; deepwater area creation, dredging, and sediment placement; and nutrient farming. The top three overall were conservation and recreation corridor anchors, prairie and bluff restoration and management, and beneficial use of sediment.

Crawford asked why the prioritization data was in the packet twice. Bruner explained that also included in the packet was a draft presentation for the second PRC meeting. Crawford also commented about the low number of invasive fish species in the feasibility/sustainability criteria. Blodgett said, "great job" and asked, was there anything that stood out as disconcerting? Miller mentioned that island creation was the lowest. Blodgett responded that beneficial use of water was ranked high, and one way to get there is by creating islands. So, these measures are connected. Blodgett continued to state we need to describe this accurately in the plan: explain what these results mean, like the lowest ranked ones are not necessarily the worst.

b. **PRC Meeting 2**

Bruner explained the purpose of the second PRC meeting and reviewed the draft PRC presentation. The purpose of the meeting is to update the PRC on what has happen since the last PRC meeting in November 2017 and to review the draft conservation alternatives. Bruner explained that the prioritization station at the second open house will be used at the second PRC meeting. Crawford stated he would like to see further explanation about the sticker process. Bruner stated he would add some additional slides with instructions.

Bruner mentioned that we have 10 confirmed RSVPs and that Steve Van Winkle is unable to attend the PRC to represent Tri-County. Bruner asked the PLBA if we wanted

to appoint Roy Bockler as an alternate to Steve. Crawford made a motion to allow Roy to be an alternate to Steve. Blodgett seconds and the motion caries.

Bruner reviewed the draft PRC PowerPoint with the PLBA. Crawford asked if the Operation Procedures were necessary. The group agreed to keep them just in case, even though they most likely will not need them. The group was hesitant about the slide explaining the time lag due to the USACE staff changes. It was decided to be very general in this slide and that Crawford would do some wordsmithing and send it back to staff. Crawford suggested making sure the PRC understands the objectives are in no specific order. Crawford suggested to make it clearer where the delineations are for the upper, middle, and lower lakes.

It was recommended to remover water utility in parenthesis. Crawford feared that the public would take this as another tax. Crawford also recommended to remove the recommended studies because the public is tired of studies and would like to see action. The group decided to remove the prioritization results from the open house. The PLBA feared that PRC members would want to change their answers after seeing different results. It was decided to only show the PRC results at the PRC meeting. Crawford suggested to change "On the Horizon" to "Next Steps." Crawford also recommended some wordsmithing. Crawford asked staff to send him a copy of the next steps slides.

6. Member Reports

a. Tri-County Regional Planning Commission

Miller updated the group on Tri-County's beneficial use of dredged material endeavor. Miller explained the stakeholder group compiled by Tri-County has met 5-6 times for site visits. Miller informed the group that Tri-County did not receive IDOTs State Planning Research grant. Miller noted that we have not received neither a yes or a no but have received official "yes" for Tri-County's other two applications. Tri-County still has not heard back from the USACE on the Section 1122 Beneficial Use of Dredged Material Pilot Project funding.

Bruner mentioned that Tri-County will be having another site visit on July 20 at 8:30 am at the intersection of Adams and Pecan Street to review the City of Peoria's CSO demonstration project to meet EPA criteria.

b. The Nature Conservancy

Blodgett stated TNC had nothing to report.

c. Heartland Water Resources Council

Tincher stated he is working with Jason Beverlin to see if there are any construction dollars that could qualify into the scenic byway program. Tincher explained that he wanted to talk about the report in today's PLBA meeting because his overall concern is there is too much about beneficial use of dredged material and almost no consideration of the economic value. Tincher passed out a large map outlining projects that he is currently working on. The map took several plans and put them together to show potential conservation improvements that also bring economic value to the region. Tincher explains that the map lists dozens of potential lakefront project, and owners of

these projects have been identified. Tincher recommended that we include Pekin in our plan and reiterates that this work ties everything together.

Tincher read a sentence on page 40 of the draft report: *"Other than for logging prior to a project perhaps and tourist and license revenue after completion, government planners have not often considered there is value to be derived from environmental restoration."* Abi-Akar replied that the following paragraph has positive aspects about economic development and proposes a mechanism to change government planner's minds about deriving value from environmental restoration.

7. Other

a. Next scheduled meeting(s)
Wednesday, July 11 – PRC Meeting, 3-5PM
Friday, July 20 – Peoria CSO Site Visit, 8:30 am
Wednesday, August 15th – PLBA Meeting, 3 pm
Tuesday, September 18 – Emiquon PLBA Meeting
Wednesday, October 10th – PLBA Meeting, 3 pm

8. Adjournment
The meeting adjourned at 2:44 pm.

DRAFT

Peoria Lakes Comprehensive Conservation Plan
Prioritization Station

Measures	Environmental Impact			
	Open House		PRC	
	Number	Percent	Number	Percent
Prairie & Bluff Restoration & Management	12	18%	0	0%
Floodplain Recapture	11	17%	2	4%
Agricultural Water BMPs	10	15%	2	4%
Tributary Stream Stabilization	8	12%	4	9%
Beneficial Use of Sediment	7	11%	2	4%
Erosion Control BMPs	7	11%	1	2%
Urban Stormwater Modification BMPs	6	9%	2	4%
Backwater Restoration	5	8%	0	0%
Sediment Detention Basins	5	8%	5	11%
Invasive Fish Species	4	6%	2	4%
Conservation & Recreation Corridor Anchors	3	5%	0	0%
Drawdowns	3	5%	6	13%
Submersed Aquatic Vegetation	3	5%	5	11%
Education Component	2	3%	0	0%
Nutrient Farming	2	3%	3	7%
Deepwater Area Creation, Dredging, and Sediment Placement	1	2%	9	20%
Island Creation	0	0%	2	4%
Secondary Channel	0	0%	3	7%

Peoria Lakes Comprehensive Conservation Plan
Prioritization Station

Measures	Environmental Impact			
	Open House		PRC	
	Number	Percent	Number	Percent
Deepwater Area Creation, Dredging, and Sediment Placement	1	2%	9	20%
Drawdowns	3	5%	6	13%
Sediment Detention Basins	5	8%	5	11%
Submersed Aquatic Vegetation	3	5%	5	11%
Tributary Stream Stabilization	8	12%	4	9%
Nutrient Farming	2	3%	3	7%
Secondary Channel	0	0%	3	7%
Agricultural Water BMPs	10	15%	2	4%
Beneficial Use of Sediment	7	11%	2	4%
Floodplain Recapture	11	17%	2	4%
Invasive Fish Species	4	6%	2	4%
Island Creation	0	0%	2	4%
Urban Stormwater Modification BMPs	6	9%	2	4%
Erosion Control BMPs	7	11%	1	2%
Backwater Restoration	5	8%	0	0%
Conservation & Recreation Corridor Anchors	3	5%	0	0%
Education Component	2	3%	0	0%
Prairie & Bluff Restoration & Management	12	18%	0	0%

Peoria Lakes Comprehensive Conservation Plan
Prioritization Station

Measures	Quality of Life			
	Open House		PRC	
	Number	Percent	Number	Percent
Conservation & Recreation Corridor Anchors	22	24%	8	17%
Urban Stormwater Modification BMPs	10	11%	1	2%
Invasive Fish Species	9	10%	3	7%
Prairie & Bluff Restoration & Management	9	10%	4	9%
Education Component	8	9%	3	7%
Backwater Restoration	7	8%	0	0%
Deepwater Area Creation, Dredging, and Sediment Placement	7	8%	2	4%
Floodplain Recapture	6	7%	1	2%
Drawdowns	3	3%	1	2%
Erosion Control BMPs	3	3%	0	0%
Island Creation	3	3%	2	4%
Tributary Stream Stabilization	2	2%	1	2%
Nutrient Farming	1	1%	0	0%
Secondary Channel	1	1%	8	17%
Agricultural Water BMPs	0	0%	0	0%
Beneficial Use of Sediment	0	0%	6	13%
Sediment Dention Basins	0	0%	5	11%
Submersed Aquatic Vegetation	0	0%	1	2%

Peoria Lakes Comprehensive Conservation Plan
Prioritization Station

Measures	Quality of Life			
	Open House		PRC	
	Number	Percent	Number	Percent
Conservation & Recreation Corridor Anchors	22	24%	8	17%
Secondary Channel	1	1%	8	17%
Beneficial Use of Sediment	0	0%	6	13%
Sediment Dention Basins	0	0%	5	11%
Prairie & Bluff Restoration & Management	9	10%	4	9%
Education Component	8	9%	3	7%
Invasive Fish Species	9	10%	3	7%
Deepwater Area Creation, Dredging, and Sediment Placement	7	8%	2	4%
Island Creation	3	3%	2	4%
Drawdowns	3	3%	1	2%
Floodplain Recapture	6	7%	1	2%
Submersed Aquatic Vegetation	0	0%	1	2%
Tributary Stream Stabilization	2	2%	1	2%
Urban Stormwater Modification BMPs	10	11%	1	2%
Agricultural Water BMPs	0	0%	0	0%
Backwater Restoration	7	8%	0	0%
Erosion Control BMPs	3	3%	0	0%
Nutrient Farming	1	1%	0	0%

Peoria Lakes Comprehensive Conservation Plan
Prioritization Station

Measures	Feasibility/Sustainability			
	Open House		PRC	
	Number	Percent	Number	Percent
Beneficial Use of Sediment	18	20%	9	21%
Deepwater Area Creation, Dredging, and Sediment Placement	9	10%	3	7%
Nutrient Farming	9	10%	2	5%
Floodplain Recapture	7	8%	0	0%
Agricultural Water BMPs	5	6%	6	14%
Backwater Restoration	5	6%	2	5%
Prairie & Bluff Restoration & Management	5	6%	1	2%
Submersed Aquatic Vegetation	5	6%	0	0%
Conservation & Recreation Corridor Anchors	4	5%	0	0%
Tributary Stream Stabilization	4	5%	2	5%
Urban Stormwater Modification BMPs	4	5%	2	5%
Drawdowns	3	3%	0	0%
Education Component	3	3%	2	5%
Sediment Dention Basins	3	3%	5	12%
Island Creation	2	2%	1	2%
Erosion Control BMPs	1	1%	6	14%
Secondary Channel	1	1%	1	2%
Invasive Fish Species	0	0%	1	2%

Peoria Lakes Comprehensive Conservation Plan
Prioritization Station

Measures	Feasibility/Sustainability			
	Open House		PRC	
	Number	Percent	Number	Percent
Beneficial Use of Sediment	18	20%	9	21%
Agricultural Water BMPs	5	6%	6	14%
Erosion Control BMPs	1	1%	6	14%
Sediment Dention Basins	3	3%	5	12%
Deepwater Area Creation, Dredging, and Sediment Placement	9	10%	3	7%
Backwater Restoration	5	6%	2	5%
Education Component	3	3%	2	5%
Nutrient Farming	9	10%	2	5%
Tributary Stream Stabilization	4	5%	2	5%
Urban Stormwater Modification BMPs	4	5%	2	5%
Invasive Fish Species	0	0%	1	2%
Island Creation	2	2%	1	2%
Prairie & Bluff Restoration & Management	5	6%	1	2%
Secondary Channel	1	1%	1	2%
Conservation & Recreation Corridor Anchors	4	5%	0	0%
Drawdowns	3	3%	0	0%
Floodplain Recapture	7	8%	0	0%
Submersed Aquatic Vegetation	5	6%	0	0%

Peoria Lakes Comprehensive Conservation Plan
Prioritization Station

Measures	Total			
	Open House		PRC	
	Number	Percent	Number	Percent
Conservation & Recreation Corridor Anchors	29	11%	8	6%
Prairie & Bluff Restoration & Management	26	10%	5	4%
Beneficial Use of Sediment	25	9%	17	12%
Floodplain Recapture	24	9%	3	2%
Urban Stormwater Modification BMPs	20	7%	5	4%
Backwater Restoration	17	6%	2	1%
Deepwater Area Creation, Dredging, and Sediment Placement	17	6%	14	10%
Agricultural Water BMPs	15	6%	8	6%
Tributary Stream Stabilization	14	5%	7	5%
Education Component	13	5%	5	4%
Invasive Fish Species	13	5%	6	4%
Nutrient Farming	12	4%	5	4%
Erosion Control BMPs	11	4%	7	5%
Drawdowns	9	3%	7	5%
Sediment Dention Basins	8	3%	15	11%
Submersed Aquatic Vegetation	8	3%	6	4%
Island Creation	5	2%	5	4%
Secondary Channel	2	1%	12	9%

Peoria Lakes Comprehensive Conservation Plan
Prioritization Station

Measures	Total			
	Open House		PRC	
	Number	Percent	Number	Percent
Beneficial Use of Sediment	25	9%	17	12%
Sediment Dention Basins	8	3%	15	11%
Deepwater Area Creation, Dredging, and Sediment Placement	17	6%	14	10%
Secondary Channel	2	1%	12	9%
Agricultural Water BMPs	15	6%	8	6%
Conservation & Recreation Corridor Anchors	29	11%	8	6%
Drawdowns	9	3%	7	5%
Erosion Control BMPs	11	4%	7	5%
Tributary Stream Stabilization	14	5%	7	5%
Invasive Fish Species	13	5%	6	4%
Submersed Aquatic Vegetation	8	3%	6	4%
Education Component	13	5%	5	4%
Island Creation	5	2%	5	4%
Nutrient Farming	12	4%	5	4%
Prairie & Bluff Restoration & Management	26	10%	5	4%
Urban Stormwater Modification BMPs	20	7%	5	4%
Floodplain Recapture	24	9%	3	2%
Backwater Restoration	17	6%	2	1%

Open House Data

Total

1 Conservation & Recreation Corridor Anchors
2 Prairie & Bluff Restoration & Management
3 Beneficial Use of Sediment

Feasibility/Sustainability

1 Beneficial Use of Sediment
2 Deepwater Area Creation, Dredging, and Sediment Placement
2 Nutrient Farming
3 Floodplain Recapture

Quality of Life

1 Conservation & Recreation Corridor Anchors
2 Urban Stormwater Modification BMPs
3 Invasive Fish Species
3 Prairie & Bluff Restoration & Management

Environmental Impact

1 Prairie & Bluff Restoration & Management
2 Floodplain Recapture
3 Agricultural Water BMPs

List of Top Open House Measures

1 Agricultural Water BMPs
2 Beneficial Use of Sediment
3 Conservation & Recreation Corridor Anchors
4 Deepwater Area Creation, Dredging, and Sediment Placement
5 Floodplain Recapture
6 Invasive Fish Species
7 Nutrient Farming
8 Prairie & Bluff Restoration & Management
9 Urban Stormwater Modification BMPs

PRC Data

Total

1 Beneficial Use of Sediment
2 Sediment Detention Basins
3 Deepwater Area Creation, Dredging, and Sediment Placement

Feasibility/Sustainability

1 Beneficial Use of Sediment
2 Agricultural Water BMPs
2 Erosion Control BMPs
3 Sediment Detention Basins

Quality of Life

1 Conservation & Recreation Corridor Anchors
2 Secondary Channel
3 Beneficial Use of Sediment

Environmental Impact

1 Deepwater Area Creation, Dredging, and Sediment Placement
2 Drawdowns
3 Sediment Setention Basins
3 Submersed Aquatic Vegetation

List of Top PRC Measures

1 Agricultural Water BMPs
2 Beneficial Use of Sediment
3 Conservation & Recreation Corridor Anchors
4 Deepwater Area Creation, Dredging, and Sediment Placement
5 Drawdowns
6 Erosion Control BMPs
7 Secondary Channel
8 Sediment Detention Basins
9 Submersed Aquatic Vegetation

Overall List of Top Measures (Combined)
1 Agricultural Water BMPs
2 Beneficial Use of Sediment
3 Conservation & Recreation Corridor Anchors
4 Deepwater Area Creation, Dredging, and Sediment Placement
5 Drawdowns
6 Erosion Control BMPs
7 Floodplain Recapture
8 Invasive Fish Species
9 Nutrient Farming
10 Prairie & Bluff Restoration & Management
11 Secondary Channel
12 Sediment Dention Basins
13 Submersed Aquatic Vegetation
14 Urban Stormwater Modification BMPs

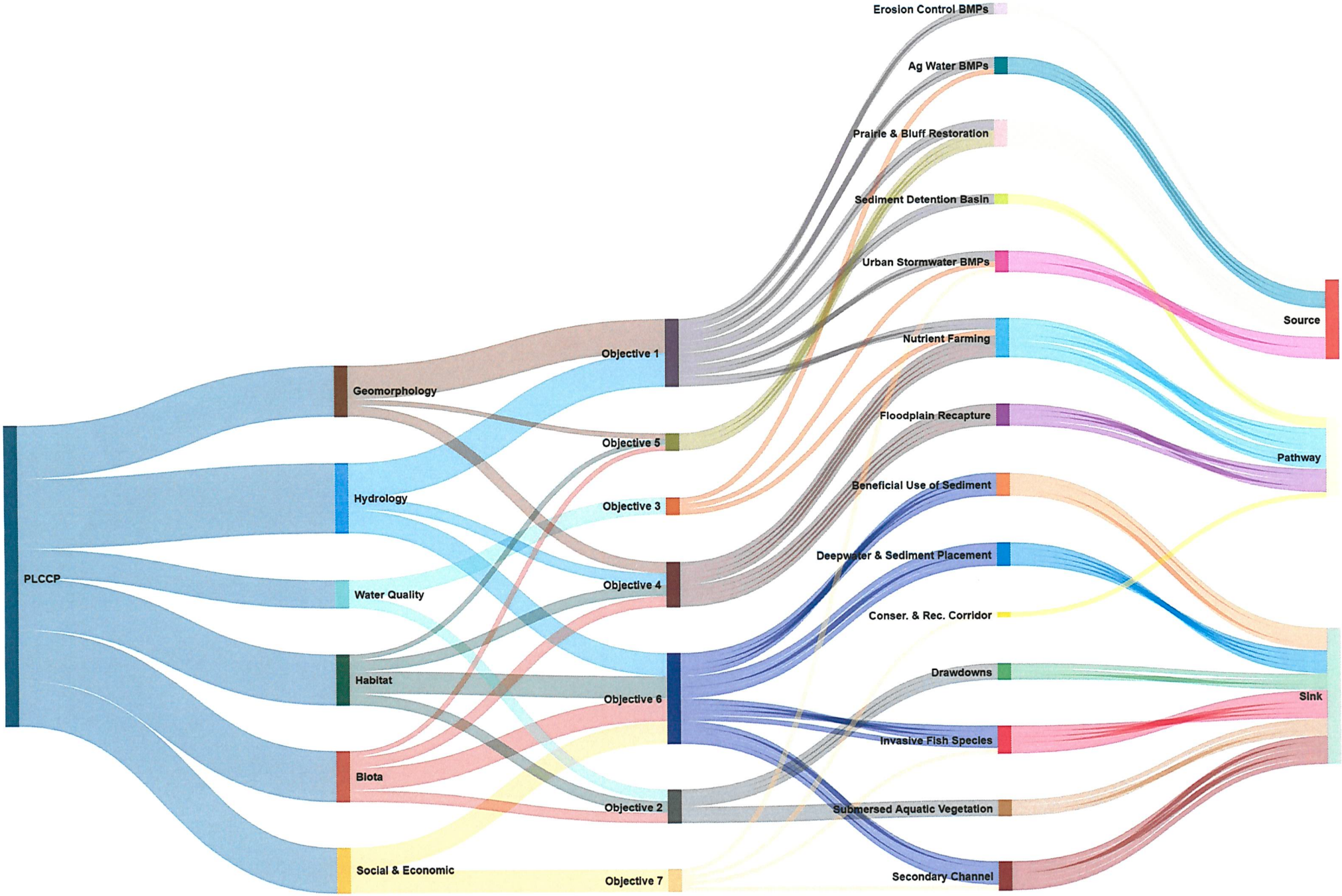
Source
1 Agricultural Water BMPs
2 Erosion Control BMPs
3 Prairie & Bluff Restoration & Management
4 Urban Stormwater Modification BMPs

Pathway
1 Conservation & Recreation Corridor Anchors
2 Floodplain Recapture
3 Nutrient Farming
4 Sediment Dention Basins

Sink
1 Beneficial Use of Sediment
2 Deepwater Area Creation, Dredging, and Sediment Placement
3 Drawdowns
4 Invasive Fish Species
5 Secondary Channel
6 Submersed Aquatic Vegetation

	Objectives	EECs*	Measures	Source/Pathway/Sink
1	Reduce total sediment delivery to the Peoria Lakes (measured by reduction of annual tonnage of sediment entering the Peoria Lakes).	Geomorphology	Agricultural Water BMPs	Source
			Erosion Control BMPs	Source
			Prairie & Bluff Restoration & Management	Source
			Urban Stormwater Modification BMPs	Source
			Nutrient Farming	Pathway
			Sediment Detention Basins	Pathway
2	Increase the acreage of aquatic vegetation in the Peoria Lakes.	Water Quality, Habitat, Biota	Drawdowns	Sink
			Submersed Aquatic Vegetation	Sink
3	Improve Peoria Lakes water quality.	Water Quality	Agricultural Water BMPs	Source
			Urban Stormwater Modification BMPs	Source
			Nutrient Farming	Pathway
4	Improve and protect wetland acres, floodplain acres, and streambank miles in the Peoria Lakes.	Hydrology, Geomorphology, Habitat, Biota	Floodplain Recapture	Pathway
			Nutrient Farming	Pathway
5	Improve and protect river bluff and steep slope areas along Peoria Lakes	Geomorphology, Habitat	Prairie & Bluff Restoration & Management	Source
6	Improve and diversify deep-water habitat and increase number of native fish in Peoria Lakes.	Habitat, Biota	Beneficial Use of Sediment	Sink
			Deepwater Area Creation, Dredging, and Sediment Placement	Sink
			Invasive Fish Species	Sink
			Secondary Channel	Sink
7	Improve quality of life in the region.	Social & Economic	Urban Stormwater Modification BMPs	Source
			Conservation & Recreation Corridor Anchors	Pathway
			Invasive Fish Species	Sink
			Secondary Channel	Sink

* Essential Ecosystem Characteristics


PLCCP
Geomorphology
Hydrology
Water Quality
Habitat
Biota
Social & Economic
Objective 1
Objective 5
Objective 3
Objective 4
Objective 6
Objective 2
Objective 7
Erosion Control BMPs
Ag Water BMPs
Prairie & Bluff Restoration
Sediment Detention Basin
Urban Stormwater BMPs
Nutrient Farming
Floodplain Recapture
Beneficial Use of Sediment
Deepwater & Sediment Placement
Conser. & Rec. Corridor
Drawdowns
Invasive Fish Species
Submersed Aquatic Vegetation
Secondary Channel
Source
Pathway
Sink

Recommended Plan

Formulation of Recommended Plan

Several elements were considered to help formulate the recommended plan: the prioritization results, Essential Ecosystem Characteristics (EECs), project objectives, conservation measures, conservation alternatives, and watershed areas (sources, pathways, and sinks).

The planning team first examined the primary river ecosystem drivers to understand which objective addressed which EECs, using their scientific definitions (see Figure X and Definition of Alternatives section) and the Fact Sheet Matrix (see appendix X). The planning team added a Social and Economic category here for the same reason it was added to the alternative categorization process, to accommodate different interests and because the PLCCP planning process has the potential to integrate conservation components with lakefront and community development. This process revealed that most objectives address more than one EEC.

Once the EECs were identified, the planning team then determined which conservation measures addressed which objectives. Again, there proved to be some overlap here, and the majority of conservation measures addressed more than one objective. From there, watershed areas were identified for each measure, categorizing them as sources, pathways, or sinks.

Next, to determine which measures would be highlighted in the recommended plan, the planning team compared the prioritization results from the Second Open House and the PRC meeting. Fourteen measures appeared in the top three of each criteria or overall. A complete comparison of the results can be found in the appendices. Below, Table X outlines the 14 measures. Note that this process does not exclude the remaining four measures from this or any future plan.

Finally, to visualize the results, the planning team created a table and corresponding Sankey Diagram (a flowchart guided by arrows) to show the relationships among the objectives, EECs, measures, and watershed areas. As a point of comparison, the planning team also created a second table and Sankey Diagram to show all 18 measures. These diagrams can be found in Appendix X.

Categories	Measures	Lower Peoria Lake	Middle Peoria Lake	Upper Peoria Lakes	Entire Peoria Lake
Source	Agricultural Water BMPs	Few	Some	Many	Many
	Erosion Control BMPs	Uncertain	10	5	>15
	Prairie & Bluff Restoration & Management	X	X	X	X
	Urban Stormwater Modification BMPs	X			
Pathways	Conservation & Recreation Corridor Anchors	Few	Most	Some	Lots
	Floodplain Recapture	None	Most	Some	Lots
	Nutrient Farming	X			
	Sediment Detention Basins	Uncertain	10	5	>15
Sink	Beneficial Use of Sediment	X	X	X	X
	Deepwater Area Creation, Dredging, and Sediment Placement	X	X	X	X
	Drawdowns	1	5	2	8
	Invasive Fish Species	X	X	X	X
	Secondary Channel	1	1		2
	Submersed Aquatic Vegetation	X	X	X	X

Recommended Plan Organized by PLCCP Objectives

Objective 1

Reduce total sediment delivery to the Peoria Lakes.

Track 1	Track 2	Track 3
Agricultural Water BMPs	Beneficial Use of Sediment	Sediment Detention Basins
Erosion Control BMPs	Dredging and Sediment Placement	Beneficial Use of Sediment
Sediment Detention Basins	Secondary Channel	Island Creation
Tributary Stream Stabilization	Sediment Detention Basins	Agricultural Water BMPs
Educational Component	Island Creation	Nutrient Farming
Nutrient Farming	Agricultural Water BMPs	
Prairie and Bluff Restoration	Urban Stormwater BMPs	
Beneficial Use of Sediment		

Objective 2

Increase the acreage of aquatic vegetation in the Peoria Lakes.

Track 1	Track 2	Track 3
Backwater Restoration	Drawdowns	Submersed Aquatic Vegetation
Drawdowns	Backwater Restoration	Drawdowns
Floodplain Recapture	Island Creation	Nutrient Farming
Submersed Aquatic Vegetation	Submersed Aquatic Vegetation	Erosion Control BMPs
Dredging and Sediment Placement	Nutrient Farming	Floodplain Recapture
Island Creation	Conservation / Recreation Corridor Anchors	Invasive Fish Species
Erosion Control BMPs		
Nutrient Farming		
Invasive Fish Species		

Objective 3

Improve Peoria Lakes water quality.

Track 1	Track 2
Nutrient Farming	Urban Stormwater BMPs
Submersed Aquatic Vegetation	Erosion Control BMPs
Drawdowns	Nutrient Farming
Backwater Restoration	Beneficial Use of Sediment
Agricultural Water BMPs	Prairie and Bluff Restoration
Urban Stormwater BMPs	Educational Component
Tributary Stream Stabilization	
Sediment Detention Basins	

Objective 4

Improve and protect wetland acres, floodplain acres, and streambank miles in the Peoria Lakes.

Track 1	Track 2
Floodplain Recapture	Tributary Stream Stabilization
Backwater Restoration	Erosion Control BMPs
Submersed Aquatic Vegetation	Nutrient Farming
Drawdowns	Agricultural Water BMPs
Prairie and Bluff Restoration	

Objective 5

Improve and protect river bluff and steep slope areas along Peoria Lakes.

Track 1	Track 2
Erosion Control BMPs	Prairie and Bluff Restoration
Agricultural Water BMPs	Erosion Control BMPs
Prairie and Bluff Restoration	Urban Stormwater BMPs
Tributary Stream Stabilization	Floodplain Recapture
Urban Stormwater BMPs	
Educational Component	
Submersed Aquatic Vegetation	
Beneficial Use of Sediment	

Objective 6

Improve and diversify deep-water habitat and increasing number of native fishes in Peoria Lakes.

Track 1	Track 2	Track 3	Track 4
Dredging and Sediment Placement	Invasive Fish Species	Island Creation	Secondary Channel
Backwater Restoration	Dredging and Sediment Placement	Dredging and Sediment Placement	Dredging and Sediment Placement
Beneficial Use of Sediment	Submersed Aquatic Vegetation	Sediment Detention Basins	Conservation / Recreation Corridor Anchors
Secondary Channel	Conservation / Recreation Corridor Anchors	Secondary Channel	Island Creation
Sediment Detention Basins	Beneficial Use of Sediment	Educational Component	
Conservation / Recreation Corridor Anchors			

Objective 7

Improve the quality of life in the region

Track 1	Track 2
Conservation / Recreation Corridor Anchors	Educational Component
Dredging and Sediment Placement	Agricultural Water BMPs
Backwater Restoration	Urban Stormwater BMPs
Prairie and Bluff Restoration	Erosion Control BMPs
Drawdowns	Island Creation
Educational Component	Conservation / Recreation Corridor Anchors

Implementation Plan

Categories	Measures	Potential Owner	Potential Funding Mechanism
Source	Agricultural Water BMPs	Landowners, Private Enterprise	USDA, Foundations, Private Enterprise
	Erosion Control BMPs	Landowners, Jurisdictions, Private Enterprise, State or Federal Agencies	Jurisdictions, DNR, EPA, IDOT, Foundations
	Prairie & Bluff Restoration & Management	Landowners, State or Federal Agencies, Conservation Organizations	DNR, EPA, Conservation Organizations, Foundations
	Urban Stormwater Modification BMPs	Jurisdictions, Landowners	Stormwater Utility, Nutrient Credit trading, EPA, Foundations, Jurisdictions
Pathways	Conservation & Recreation Corridor Anchors	Landowners, Jurisdictions, State or Federal Agencies, Conservation Organizations	DNR, USACE, Conservation Organizations, Foundations, Jurisdictions
	Floodplain Recapture	Jurisdictions, State or Federal Agencies, Conservation Organization	DNR, USACE, Conservation Organizations, Foundations
	Nutrient Farming	Landowner, Private Enterprises, Conservation Organizations	Conservation Organizations, Foundations
	Sediment Detention Basins	Landowners, Private Enterprises, Jurisdictions, State or Federal Agencies, Conservation Organizations	USACE, DNR, Foundations, Conservation Organizations

Categories	Measures	Potential Owner	Potential Funding Mechanism
Sink	Beneficial Use of Sediment	Private Enterprises, Conservation Organizations, USACE	USACE, IDOT, Foundations
	Deepwater Area Creation, Dredging, and Sediment Placement	State or Federal Agencies, Conservation Organizations	USACE, DNR, Foundations, Conservation Organizations
	Drawdowns	State or Federal Agencies, Conservation Organizations	USACE, DNR, Conservation Organizations
	Invasive Fish Species	State or Federal Agencies	IDNR
	Secondary Channel	State or Federal Agencies	USACE, Foundations, Private
	Submersed Aquatic Vegetation	State or Federal Agencies, Conservation Organizations	USACE, DNR, Foundations, Conservation Organizations

Below is a table that details specific potential owners for the table above. Please note that landowners have not been identified due to sheer number of properties along the Peoria Lakes. In addition to owners, important contacts such as media, political liaisons, and technical personnel were identified as potential helpers in implementing conservation projects. The table below is not a comprehensive list of owners and helpers; rather, it is a starting point.

Potential Owners and Helpers		
Category	Name	Organization
Conservation Organizations	Beverlin, Jason	The Nature Conservancy
	Blodgett, Doug	The Nature Conservancy
	Herbert, Ellen	Ducks Unlimited
	Mendez, April	GreenPrint Partners
	Moyse, Brian	Delta Waterfowl
	Schenck, Eric	Illinois Conservation Foundation
	Schore, Mark	Ducks Unlimited
	Sertler, Michael	Ducks Unlimited
	Sparber, Jim	GreenPrint Partners

Potential Owners and Helpers		
Category	Name	Organization
Jurisdiction	Ardis, Jim	City of Peoria
	Barron, Dennis	City of East Peoria
	Bender, Matt	Greater Peoria Sanitary District
	Bockler, Roy	Woodford County
	Corso, Anthony	City of Peoria
	Crawford, Russ	Tazewell County
	Culp, Rob	City of East Peoria
	Eder, Jeff	City of East Peoria
	Fredrickson, Rebecca	Peoria Park District
	Friberg, Michael	Peoria Park District
	Gerdes, Jane	City of Peoria
	Harant, Joyce	Peoria Park District
	Hinrichsen, Mike	Village of Germantown Hills
	Johnson, Brian	Greater Peoria Sanitary District
	Johnson, Mike	FonDuLac Park District
	Leach, Tim	Greater Peoria Sanitary District
	Livingston, Ty	City of East Peoria
	Meyer, Tom	Greater Peoria Sanitary District
	Miller, Mike	Peoria Park District
	Nichting, Patrick	City of Peoria
	Roberts, Ron	City of East Peoria
	Van Winkle, Steve	Tri-County RPC

Potential Owners and Helpers		
Category	Name	Organization
Liaison	Jennings, Kate	Congresswoman Bustos's Office
	Sikowski, Randy	Senator Duckworth's Office
	Stotler, Brad	Congressman LaHood's Office
	Vespa, Diane	State Senator Weaver's Office
Media	Wilson, H. Wayne	WTVP
NGO	Dahlhoff, Tory	GPEDC
	Hanley, Sally	GPEDC
	Kief, Denny	
	Kirchhofer, Patrick	Peoria County Farm Bureau
	Setti, Chris	GPEDC
	Tincher, Tom	Heartland Water Resources Council
Private Enterprise	Atherton, Duane & Patty	P.A. Atherton Construction, Inc.
	Burlingame, Chuck	ADM
	Carrol, Richard	Farmer
	Ingram, D. Wayne	Wood Envr. & Infrastructure
	Loh, Eng Seng	Certus Strategies
	McNeill, Don	Caterpillar
	Meischner, Tom	The Finch Properties
	Rosenbaum, Paul	Better Earth Composting
	Rosenbaum, Gary	Farmer
	Rosenbaum, Kathy	Farmer
	Rosenbaum, Brett	Farmer
	Rosenbaum, Teresa	Farmer
	Scott, Nancy	IVY Club
	Spitznagle, Kathryn	Caterpillar

Potential Owners and Helpers		
Category	Name	Organization
State or Federal Agencies	Boddu, Veera	USDA-ARS
	Good, Gregg	IEPA
	Joseph, Josh	Peoria County SWCD
	McClelland, Nerissa	IDNR
	Murray, BJ	IDOT
	Peterson, Steve	USDA-ARS
	Theiling, Chuck	USACE
	Vaughn, Steven	USDA-ARS
	Wallace, Scott	USDA-NRCS
Technical	Allen, Earl	UIUC Extension
	Brown, Kathie	UIUC Extension
	Keefer, Laura	Illinois State Water Survey
	Marlin, John	Illinois State Water Survey
	Spelman, David	Bradley University
	Stevenson, Kip	Illinois State Water Survey

Multi-Generational Project Plan

The planning team understands that implementing this planning effort is a multi-generational undertaking, and it will not be completed "overnight." Below is a Multi-Generational Project Plan that outlines the implementation & progression of Comprehensive Conservation Plan in more manageable and logical phases or generations. The measures in Generation 1 are considered "Steps," because parts of these can be completed in the near future (or have currently begun). The next phase, Generation 2, is the "Stretch" phase. Measures in this section will take longer than the first phase, but not as long as Generation 3, "Leaps," which are furthest into the future due to the resources, logistics, and planning required for them. The phases are identified as "Generations' again due to the complexity of these measures and uncertainty for the future.

Multi-Generational Project Plan		
Generation 1 - Step	**Generation 2 - Stretch**	**Generation 3 - Leap**
Agricultural Water BMPs	Backwater Restoration	Beneficial Use of Sediment
Education Component	Deepwater Area Creation, Dredging, and Sediment Placement	Conservation & Recreation Corridor Anchors
Erosion Control BMPs	Education Component	Drawdowns
Prairie & Bluff Restoration & Management	Floodplain Recapture	Education Component
Sediment Detention Basins	Invasive Fish Species	Secondary Channel
Submersed Aquatic Vegetation	Island Creation	
Tributary Stream Stabilization	Nutrient Farming	
Urban Stormwater BMPs		