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

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

MEETING GOALS

Open House Debrief
Review PRC Meeting 2

1. Call to Order
2. Public Comment
3. Approval of Meeting Minutes for June 19, 2018
4. Housekeeping
   a. Meeting goals
   b. PLBA Meeting Time
5. Peoria Lakes Comprehensive Conservation Plan
   a. Open House Debrief
      i. Public Comments/Input
   b. PRC Meeting 2
6. Member Reports
   a. Tri-County Regional Planning Commission
   b. The Nature Conservancy
   c. Heartland Water Resources Council
7. Other
   a. Next scheduled meeting(s)
      i. PRC – Wednesday, July 11 (3:00 to 5:00 pm)
      ii. PLBA – Tuesday, August 14
      iii. PLBA – Tuesday, September 11 (Emiquon)
         1. Caravan leaves at 9:30 am
         2. Meeting starts at 11:00 am
8. Adjournment

PEORIA LAKES BASIN ALLIANCE

Tuesday, June 19, 2018 at 12:00 pm
456 Fulton Street, Suite 401
Peoria, IL 61602

MINUTES

1. **Call to Order**

Attendees

The Nature Conservancy:	Doug Blodgett
Heartland Water Resources Council:	Steve Van Winkle, Wayne Ingram, Tom Tincher
Tri-County Regional Planning Commission:	Michael Bruner, Reema Abi-Akar, Ray Lees, Eric Miller, Russ Crawford, Roy Bockler
U.S. Army Corps of Engineers:	Chuck Theiling
Also present:	Eng Seng Loh

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

3. **Approval of Meeting Minutes for May 11, 2018**
   Bockler moved to approve the May 11, 2018 minutes and Ingram seconded. Motion carried.

4. **Housekeeping**
   Staff also mentioned that due to other scheduled engagements, this meeting must end by 1:30 p.m.
   a. **Introductions**
      Everyone went around the room and introduced themselves for new members who were present.

   b. **Meeting Goals**
      Bruner stated the purpose of the meeting was to review material for the open house.

5. **Peoria Lakes Comprehensive Conservation Plan**
   a. **Open House**
      Bruner gave a presentation regarding the plan for the upcoming open house. He explained that there would be six major stations: A presentation area, a map of sections of the Peoria Lakes, a table of alternatives that Chuck Theiling created, a description of each measure, an interactive prioritization station with stickers, and a section with copies of the draft plan with comment cards. Bruner further mentioned that there will be two presentation sessions: one at 3:00 p.m. and one at 4:30 p.m.

- Crawford asked about lessons learned from the first Peoria Lakes open house. Bruner and Abi-Akar noted that this time, the presentation will be much shorter, and the room size and shape will be more conducive to the structure of the event.
- Blodgett mentioned that it may be helpful to make the draft PLCCP available online for people to review and see it afterwards.
- Bockler asked if there will be news agencies there; Bruner answered that the media has already been invited via email.
- Theiling mentioned that the new Colonel from the USACE Rock Island District will be present at the meeting. Theiling also mentioned that he has been discussing the project with colleagues, and he has been receiving support, though "it's like herding cats."
- PLBA members were encouraged to invite more people to the open house.

b. PRC

Bruner gave an update about the process and plans for the PRC meeting, which will take place on July 11 from 3:00 to 5:00 pm in the Tri-County meeting room 420. The PRC will conduct the interactive prioritization process with stickers during the meeting.

c. Draft Plan Update

Bruner and Abi-Akar scrolled through the draft plan online.

- Theiling mentioned that there will be one study to characterize all sediment, and Crawford said that past relevant studies from Tri-County should also be included, especially those involving collaboration with the USACE and/or TNC.
- Crawford reiterated that this project should be a model for others to follow.
- Miller asked Theiling what the USACE next steps will be to ensure the PLCCP is accepted. Theiling responded that he is hopeful that the project will continue for another three years at $100,000 per year. He also recommended that more studies be conducted. Miller mentioned that there is typically a 50/50 match for staff time. Theiling responded that the question of where to get the money is most important.
- Bockler inquired if the Economic Development Administration (EDA) should be involved in this process. This could potentially involve funding through universities and governments, he said. Many people nodded in agreement around the room.
- Loh asked who will take the lead on different components of the project, what will the funding logistics look like, and who will run them. Crawford responded that there will be further conversations about these issues. Miller mentioned that the State Port Authority can be a hub to bring people together with this process.
- Crawford stressed that one personality can affect an entire planning process. Members around the room agreed.

6. Member Reports

a. Tri-County Regional Planning Commission

No further updates.

b. **The Nature Conservancy**
Blodgett proposed a meeting at Emiquon on the second Tuesday in September, on the 11th at 11:00 a.m. There will be a caravan leaving from Peoria at 9:30 a.m.

c. **Heartland Water Resources Council**
Tincher gave an update about the materials he put together regarding East Peoria, Spring Bay, and Chillicothe.

7. **Other**

a. **Next Scheduled meeting(s)**
The next scheduled PLBA meeting is Thursday, July 5th at noon at the Tri-County offices. The group discussed the possibility of moving future meetings to 3:00 p.m. to accommodate others who cannot make it at noon. Some members around the room agreed, though this may not have been unanimous since the decision was rushed at the end.
The following meeting will be on August 14th and September 11th at Emiquon.

8. **Adjournment**
The meeting adjourned at 1:35 p.m.

PLBA AGENDA

Thursday, July 5, 2018

PUBLIC COMMENT

APPROVAL OF MINUTES

June 19, 2018

HOUSEKEEPING

Meeting Goals

- Open House Debrief
- Review Project Review Committee Meeting #2

PLBA Meeting Time

PEORIA LAKES COMPREHENSIVE CONSERVATION PLAN

Open House Debrief

- Successful Event!
  - *50 participants attend the Open House*
    - Including special guests
      - *Colonel Steven Sattinger*
        - New USACE Rock Island District Commander
      - *Mari Fournier*
        - USACE Executive Assistant/Congressional Liaison
      - *Wendy Frohlich*
        - USACE Biologist
  - *Two presentations*
  - *Poster boards displaying*
    - Location map
    - Conservation Alternatives
    - Consolidated list of measures
      - *With short definitions*

Peoria Lakes Comprehensive Conservation Plan
Public Open House
June 26, 2018

1. Glad to see the efforts on Peoria Lakes. However please do not forget Pekin Lake. There were 2 district projects north and south. Please resurrect that project. Denny Kief

2. Please include a commitment to keep the riverfront free of development and open to public. Park amenities are fine but no private buildings or apartments! Protect these lands for public open space.

3. What will be the plan impact for flooding, specially of residences near Rome, Spring Bay, East Peoria and levees around Peoria and East Peoria. (compared to last 100 years) Any purchases planned to remove residences for the Flood Plain? John Cokler

4. Since farm waters runoff is so heavily chemical laden, and since they use the tax systems t pay for farm tile systems, why not require runoff to be captured and re—used on the same farmland it ran off?!

5. If there's riverfront development, tax-special service area? - to help sustain waster front river habitats that might have been negatively affected by developments, no matter how "green" a building is.

6. Concerns- Peoria Lakes and IL River (1) Need mandatory federal guidelines on farm soil erosion: voluntary compliances have helped BUT problems not solved. Mandatory Best Practices or farmers are fined/ federal payments reduced. (2) Erosion control for cities and other residential areas. Mandatory: end CSO. (3) Address NPDES weaknesses that allow excess silt and other sediment being added: try to get zero silt articulate in discharges. (4) Essential to protect riverfronts for public use: parks, greenspace- things that hold rain water like Peoria's Riverfront Park that city plans to sell for private development. Where is concern for saving this? Joyce Blumenshine Heart of Sierra Club

7. Great keep it up. Progress! Russ

Open House Data

- General comment station
  - *Total of 7 comments*
  - *See packet for comments*
- Prioritization Station
  - *Total 23 people participated in this station*
  - *The following 4 slides shows the top measures for each criteria*
    - Environmental Impact
    - Quality of Life
    - Feasibility/Sustainability
  - *Slide showing the top measures with the most dots*

Prioritization Results: Environmental Impact

Peoria Lakes Comprehensive Conservation Plan Prioritization Station	
Measures	**Environmental Impact**
Prairie & Bluff Restoration & Management	12
Floodplain Recapture	11
Agricultural Water BMPs	10
Tributary Stream Stabilization	8
Beneficial Use of Sediment	7
Erosion Control BMPs	7
Urban Stormwater Modification BMPs	6
Backwater Restoration	5
Sediment Dention Basins	5
Invasive Fish Species	4
Conservation & Recreation Corridor Anchors	3
Drawdowns	3
Submersed Aquatic Vegetation	3
Education Component	2
Nutrient Farming (Water Utility)	2
Deepwater Area Creation, Dredging, and Sediment Placement	1
Island Creation	0
Secondary Channel	0

Prioritization Results: Quality of Life

Peoria Lakes Comprehensive Conservation Plan Prioritization Station	
Measures	**Quality of Life**
Conservation & Recreation Corridor Anchors	22
Urban Stormwater Modification BMPs	10
Invasive Fish Species	9
Prairie & Bluff Restoration & Management	9
Education Component	8
Backwater Restoration	7
Deepwater Area Creation, Dredging, and Sediment Placement	7
Floodplain Recapture	6
Drawdowns	3
Island Creation	3
Erosion Control BMPs	3
Tributary Stream Stabilization	2
Secondary Channel	1
Nutrient Farming (Water Utility)	1
Sediment Dention Basins	0
Agricultural Water BMPs	0
Beneficial Use of Sediment	0
Submersed Aquatic Vegetation	0

Prioritization Results: Feasibility/Sustainability

Peoria Lakes Comprehensive Conservation Plan Prioritization Station	
Measures	**Feasibility/Sustainability**
Beneficial Use of Sediment	18
Deepwater Area Creation, Dredging, and Sediment Placement	9
Nutrient Farming (Water Utility)	9
Floodplain Recapture	7
Backwater Restoration	5
Agricultural Water BMPs	5
Submersed Aquatic Vegetation	5
Prairie & Bluff Restoration & Management	5
Urban Stormwater Modification BMPs	4
Conservation & Recreation Corridor Anchors	4
Tributary Stream Stabilization	4
Drawdowns	3
Sediment Dention Basins	3
Education Component	3
Island Creation	2
Secondary Channel	1
Erosion Control BMPs	1
Invasive Fish Species	0

Prioritization Results: Most Dots

Peoria Lakes Comprehensive Conservation Plan Prioritization Station				
Measures	**Environmental Impact**	**Quality of Life**	**Feasibility/Sustainability**	**Total**
Conservation & Recreation Corridor Anchors	3	22	4	29
Prairie & Bluff Restoration & Management	12	9	5	26
Beneficial Use of Sediment	7	0	18	25
Floodplain Recapture	11	6	7	24
Urban Stormwater Modification BMPs	6	10	4	20
Backwater Restoration	5	7	5	17
Deepwater Area Creation, Dredging, and Sediment Placement	1	7	9	17
Agricultural Water BMPs	10	0	5	15
Tributary Stream Stabilization	8	2	4	14
Education Component	2	8	3	13
Invasive Fish Species	4	9	0	13
Nutrient Farming (Water Utility)	2	1	9	12
Erosion Control BMPs	7	3	1	11
Drawdowns	3	3	3	9
Sediment Dention Basins	5	0	3	8
Submersed Aquatic Vegetation	3	0	5	8
Island Creation	0	3	2	5
Secondary Channel	0	1	1	2

PRC MEETING 2

PRC Meeting Activities

- Presentation
  - *Update of what's happen since the last PRC meeting*
  - *Overview of Conservation Alternatives*
  - *Overview of the data received at second open house*
- Large board with Conservation Alternatives
  - *PRC members will be prompted to share what they like the most and least about each alternative.*
  - *PRC members will also be allowed to share general comments for each conservation alternative*

PRC Meeting Activities, Cont.

- Conservation Measure/Action Prioritization Station
  - *Same as the Open House Prioritization Station*
- Criteria
  - *Environmental Impact*
    - Possible beneficial effects caused by the implementation of a conservation alternative. These effects can be direct and indirect benefits.
  - *Quality of Life*
    - Increase the Tri-County quality of life, such as increasing lakefront access, recreational opportunities, or spurring economic development.
    - Have a substantial effect upon the health, safety, or welfare of citizens of Tri-County.
  - *Feasibility/Sustainability*
    - Capable of being successfully completed in a sustainable manner
    - Able to be maintained at a reasonable level

Peoria Lakes Comprehensive Conservation Plan

Planning for Regional Consensus to Preserve the Peoria Lakes

AGENDA

Project Review Committee (PRC)
Wednesday, July 11, 2018 at 3:00 pm
456 Fulton Street, Suite 420
Peoria, Illinois 61602

MEETING GOAL

Attendees understand Conservation Alternatives and the planning process

1. Call to Order
2. Introduction of Committee Members
3. Housekeeping
4. Planning Process
5. Introduction to Conservation Alternatives
6. Conservation Alternatives
7. Prioritization Activity
8. Second Open House Debrief
9. Prioritization Results
10. On the Horizon
11. Other
    a. Public Comment
    b. Goal Evaluation
12. Adjournment

TRI-COUNTY REGIONAL PLANNING COMMISSION
PEORIA WOODFORD TAZEWELL

The Nature Conservancy
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PRC Meeting Material

- Agenda Packet
  - *See PLBA agenda packet*
- PRC PowerPoint

Peoria Lakes Comprehensive Conservation Plan

Planning for Regional Consensus to Preserve the Peoria Lakes

AGENDA

Project Review Committee (PRC)
Wednesday, July 11, 2018 at 3:00 pm
456 Fulton Street, Suite 420
Peoria, Illinois 61602

MEETING GOAL
Attenders understand Conservation Alternatives and the planning process

1. Call to Order
2. Introduction of Committee Members
3. Housekeeping
4. Overview of Planning Process
5. Introduction to Conservation Alternatives
6. Review Conservation Alternatives
7. Prioritization Activity
8. Review Open House Prioritization Results
9. Compare Open House Results with PRC Results
10. Next Steps
11. Other
    a. Public Comment
    b. Goal Evaluation
12. Adjournment

Welcome!

PEORIA LAKES COMPREHENSIVE CONSERVATION PLAN

Project Review Committee

July 11, 2018

Presentation Outline

- Welcome
- Introduction of Committee Members
- Housekeeping
- Overview of Planning Process
- Conservation Alternatives
- Prioritization Activity
- Review Data

Peoria Lakes Comprehensive Conservation

Peoria Lakes Comprehensive Conservation Plan

INTRODCUTION OF COMMITTEE MEMBERS

State your name, organization, and title

Peoria Lakes Comprehensive Conservation Plan

HOUSEKEEPING

Operational Procedures

- Stay on point and on time
  Respect the group's time and keep comments brief and to the point.
- Let everyone participate
  Respect each other's concise thinking and do not interrupt
- Listen with an open mind
  You can respect another person's point of view without agreeing with them
  Stay open to new ways of doing things, and listen for the future to emerge
- Seek first to understand, then to be understood
  It's OK to disagree, respectfully and openly, and without being disagreeable.
- Focus on interests, not positions
  Address the problem, not the person

Meeting Goal

- Attendees understand Conservation Alternatives and the planning process

Peoria Lakes Comprehensive Conservation Plan

PLANNING PROCESS

PROJECT PLANNING TEAM

- Tri-County Regional Planning Commission
- The Nature Conservancy
- Heartland Water Resources Council
- U.S. Army Corps of Engineers, Rock Island District

Peoria Lakes Comprehensive Conservation Plan

Purpose of Peoria Lakes Planning Process

- Identify conservation challenges and opportunities for the Lakes
- Collaborate with regional stakeholders
- Come to a consensus about conservation strategies
- Plan for current and future generations' use of the Lakes

Peoria Lakes Comprehensive Conservation Plan

Project Vision Statement

The resulting comprehensive conservation plan will help achieve the following vision for the Peoria Lakes:

A vibrant body of clean water with mixed depths to sustain natural habitats supporting abundant and diverse native plants and animals which contributes to our quality of life by providing increased opportunity for safe recreation, education, compatible transportation and economic development, and enjoyment by divergent constituent interests.

Project Timeline

- **April 2017:** Project Kick-Off
- **July 2017:** *First Public Meeting to Gather Input*
- **November 2017:** *First PRC Meeting*
- **June 2018:** Public Review of the Draft Plan and Second Public Meeting
- **July 2018:** *Second PRC Meeting*
- **Summer 2018:** Comprehensive Conservation Plan Complete

What happened between the first PRC Meeting and now?

Peoria Lakes Comprehensive Conservation Plan

Planning Process

- **Thank you for your patience!**
- USACE had staff changes that caused a short transition period
- We are now back on track with lots of momentum!

Peoria Lakes Comprehensive Conservation Plan

Planning Process: Objectives

- **Objective 1:** Reduce total sediment delivery to the Peoria Lakes (measured by reduction of annual tonnage of sediment entering the Peoria Lakes).
- **Objective 2:** Increase the acreage of aquatic vegetation in the Peoria Lakes.
- **Objective 3:** Improve Peoria Lakes water quality.
- **Objective 4:** Improve and protect wetland acres, floodplain acres, and streambank miles in the Peoria Lakes.
- **Objective 5:** Improve and protect river bluff and steep slope areas along Peoria Lakes.
- **Objective 6:** Improve and diversify deep-water habitat and increase number of native fish in Peoria Lakes.
- **Objective 7:** Improve quality of life in the region.

Planning Process: PRC Input

- Reviewed PRC Homework
  - PRC members submitted an additional 23 fact sheets
    - 36 Original Fact Sheets
  - Graded Fact Sheets
    - Revealed that all fact sheets are important
- Consolidated Fact Sheets
  - Reduced to 18 measures

Planning Process

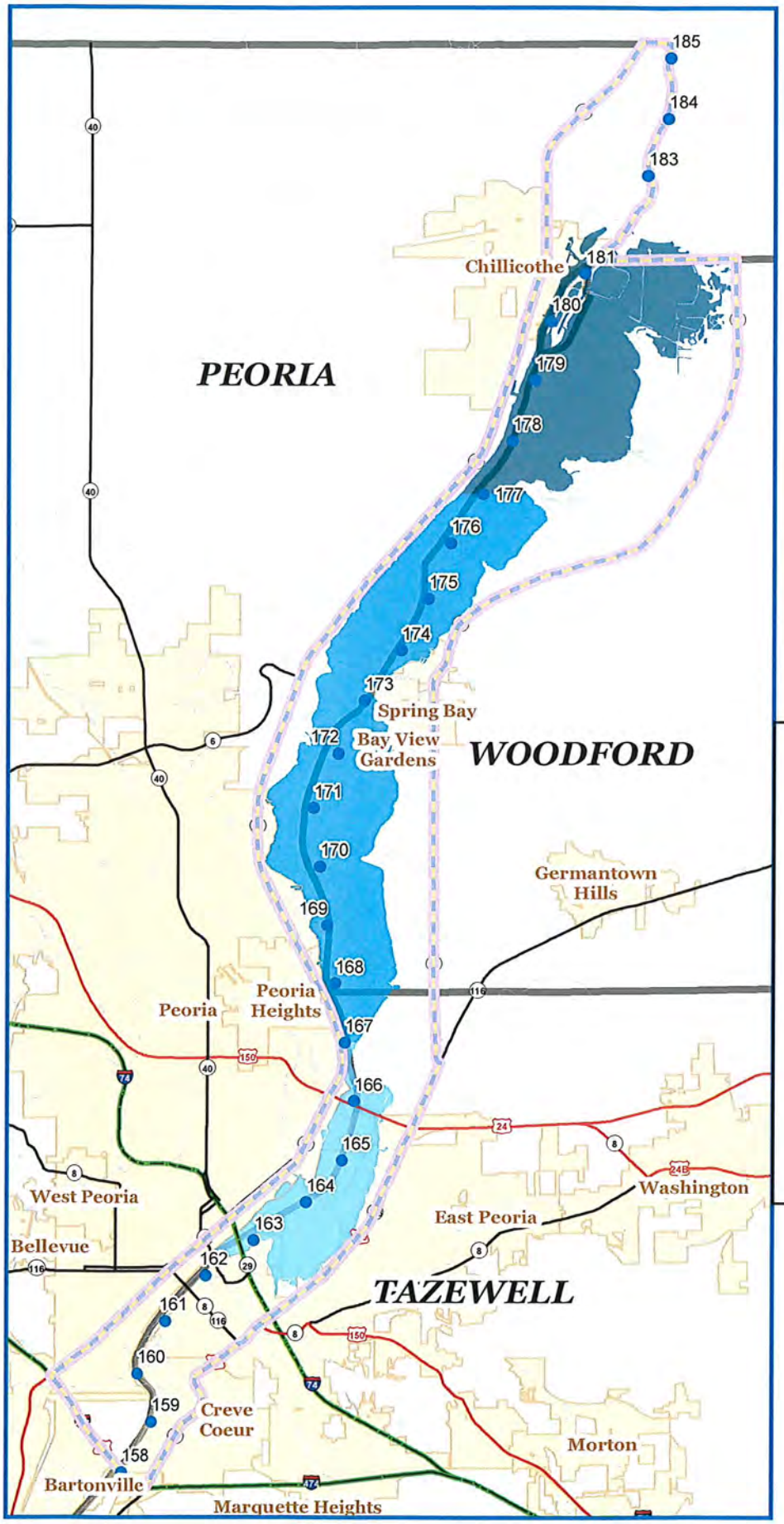
- Developed Conservation Alternatives
  - Worked with Dr. Chuck Theiling, USACE Research Ecologist
  - Separated the Alternatives by Location
- Started work on First Rough Draft
- Planned for Second Public Open House
- Planned for Second Project Review Committee

Peoria Lakes Comprehensive Conservation Plan

Peoria Lakes Comprehensive Conservation Plan

CONSERVATION ALTERNATIVES

Peoria Lakes

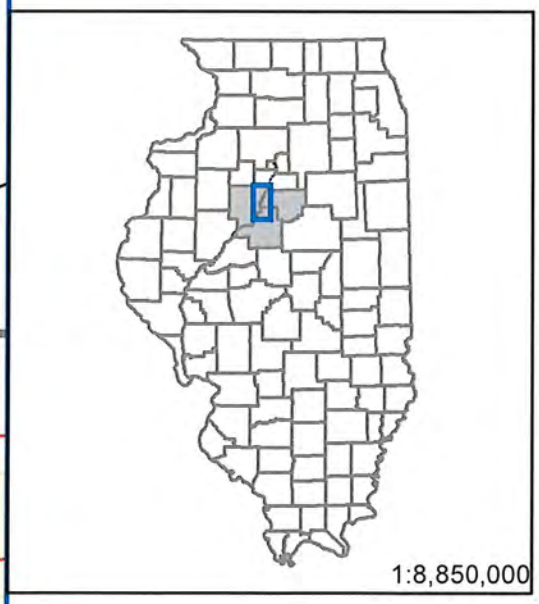


Peoria Lakes

- Lower Peoria Lake
- Middle Peoria Lake
- Upper Peoria Lake
- PLBA Boundary
- River Mile
- Tributary

Major Roads

- Interstate
- State Highway
- U.S. Highway
- Municipalities
- County Boundaries



TRI-COUNTY REGIONAL PLANNING COMMISSION

0 1 2 4 Miles

Conservation Alternative

The resulting comprehensive conservation plan will be made up of Conservation Alternatives:

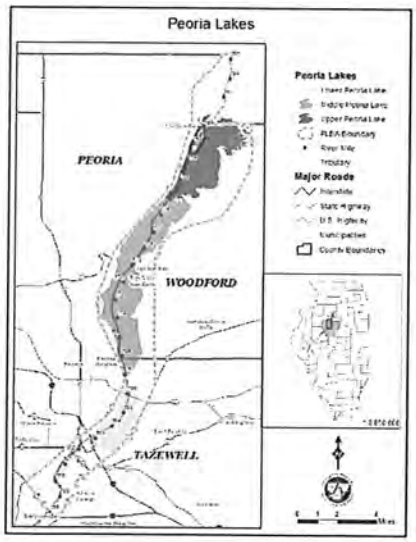
A conservation alternative is a grouping or sequence of individual projects that together will promote conservation of the Peoria Lakes. Each conservation alternative will be realistic, sustainable and able to be maintained.

Conservation Alternative

Conservation Alternatives were developed based off of location:

- Lower Peoria Lake
- Middle Peoria Lake
- Upper Peoria Lake
- Entire Peoria Lake

Conservation Alternatives also took into account the local watershed by considering sediment sources, pathways, and sinks.



Peoria Lakes Comprehensive Conservation Plan

Category	Fact Sheets	Measures	Conservation Alternatives			
			Lower Peoria Lake	Middle Peoria Lakes	Upper Peoria Lakes	Entire Peoria Lakes
Hydrology	3 & 9	Drawdowns	1	5	2	8
	11 & 30	Secondary Channel	1		1	2
	19, 25, & 26	Urban Stormwater Hydrologic Modification BMP	CSO			
	22	Agricultural Water BMP	Few	Some	Many	Many
Geomorphology	1 & 28	Backwater Restoration	2-3	5-8	2-3	9-14
	2, 4, 29, 30, 31, 32, 33, 34	Deepwater Area Creation, Dredging & Sediment Placement	X	X	X	X
	7, 8, & 31	Island Creation	X	X	X	X
	12 & 20	Sediment Detention Basins	Maybe	10	5	>15
	15	Tributary Stream Stabilization	Few	Most	Few	
	17 & 18	Erosion Control BMPs	Maybe	10	5	>15
Habitat	10 & 16	Prairie & Bluff Restoration & Management	X	X	X	X
	13	Submersed Aquatic Vegetation (Breakwaters)	X	X	X	X
	5 & 28	Floodplain Recapture	None	Most	Some	Lots
	30, 35, & 36	Conservation & Recreation Corridor Anchors	None	Most	Some	Lots
Biota	6 & 23	Invasive Fish Species	X	X	X	X
Social	24	Education Component	X	X	X	X
Economic	4 & 34	Beneficial Use of Sediment	X	X	X	X
	25, 26, 27, & 28	Nutrient Farming (Water Utility)	X			

Peoria Lakes Comprehensive Conservation Plan

Category	Fact Sheets	Measures	Definition
Hydrology	3 & 9	Drawdowns	Lowering water level in backwater lakes with the aid of Barrier Island Management Areas (BIMAs). Drawdowns allow for the compaction and management of sediment while providing a valuable habitat resource.
	11 & 30	Secondary Channel	Dredging and island construction to create multiple channels to create flow diversity in the Peoria Lakes. In addition to linking lakefront marinas and activity centers, this could also create deepwater habitat areas.
	19, 25, & 26	Urban Stormwater Hydrologic Modification BMPs	Practices that consist of an extensive subset of best management practices (BMPs) that address urban stormwater quantity and quality. These practices are also known as green infrastructure and low impact development.
	22	Agricultural Water BMPs	Practices that consist of an extensive subset of best management practices (BMPs) related to water flow and erosion management in farm and rural areas.
Geomorphology	1 & 28	Backwater Restoration	Enhancing existing aquatic habitats that are connected to the main channel, sometimes seasonally or periodically, characterized by slow currents, shallow water, and silt substrates.
	2, 4, 29, 30, 31, 32, 33, 34	Deepwater Area Creation, Dredging & Sediment Placement	Dredging involves removing sand and silt from the river bottom. This in turn creates deepwater areas in the Peoria Lakes, which can create more habitat for living things. Sand and silt from the river bottom, which make up the dredged material, can be used beneficially to create islands or manufacture soil, for example.
	7, 8, & 31	Island Creation	Using dredged material, made up of sand and silt from the river bottom, to manufacture island features in the Lakes.

Peoria Lakes Comprehensive Conservation Plan

Category	Fact Sheets	Measures	Definition
Geomorphology	12 & 20	Sediment Detention Basins	Excavated areas installed on, or adjacent to, tributaries of rivers and streams to allow for the entrapment of sediment to prevent it from flowing into the Peoria Lakes.
	15	Tributary Stream Stabilization	Vegetative, structural or combination treatments designed to stabilize and reduce erosion in streams.
	17 & 18	Erosion Control BMPs	Practices that consist of an extensive subset of best management practices (BMPs) that manages stormwater impacts by stabilizing eroding ravines and gullies.
Habitat	10 & 16	Prairie & Bluff Restoration & Management	Vegetation management of flat and steep slope wooded areas to reduce erosion and stormwater runoff and to restore the area to what it previously was. The ridgeline bordering Peoria Lakes was once a diverse habitat of open forest interspersed with areas of prairie.
	13	Submersed Aquatic Vegetation	Restoring dense strands of aquatic plants, generally including rooted vascular plants that grow up to the water surface. These live in shallow water, where sunlight penetrates to the bottom.
	5 & 28	Floodplain Recapture	Areas within the floodplain that are not currently flooded that could be made more productive if connected with the river and restored with native plant and bottomland forest species.
	30, 35, & 36	Conservation & Recreation Corridor Anchors	Using lakefront property to develop and connect conservation areas, lakefront parks, recreation facilities, and hiking/biking trails within the Peoria Lakes corridor.

Peoria Lakes Comprehensive Conservation Plan

Category	Fact Sheets	Measures	Definition
Biota	6 & 23	Invasive Fish Species	Non-indigenous species that adversely affect the habitats they invade. Common carp and the four Asian carp species (bighead, silver, black, and grass) are invasive fish species present in the Upper Mississippi River Basin, including the Peoria Lakes area.
Social	24	Education Component	Incorporate environmental educational lessons for both school-age children and the public at large to ensure that the community is aware of, understand them, and see human's role in local environmental issues.
Economic	4 & 34	Beneficial Use of Sediment	Exploring an innovative model to turn dredged material (fine sediment and sand) initially categorized as "waste" into engineered topsoil that is "manufactured" in the region and commercially valuable to a number of regional and national markets.
	25, 26, 27, & 28	Nutrient Farming (Water Utility)	A market-based strategy that creates a financial engine that restores or creates wetlands for the purpose of managing nutrients and trapping sediment. The nutrients removed from the waterway can be measured, counted as credits, and sold to communities and industries to meet water quality standards.

Peoria Lakes Comprehensive Conservation Plan

Fact Sheet	Recommended Studies
21	Hydrogeomorphic Study
	Lake sediment characterization
	Island design Workshop
	Sediment Market Transportation Optimization
	Commercial Sediment Market Economic Analysis
	Sediment Use Investigations/Specifications
	Water Utility Sediment Market Analysis (CASM)

Peoria Lakes Comprehensive Conservation Plan

Category	Fact Sheets	Measures	Conservation Alternatives: Lower Peoria Lakes	Middle Peoria Lakes	Upper Peoria Lakes	Entire Peoria Lakes
Hydrology	3 & 9	Drawdowns	1	5	2	8
	11 & 30	Secondary Channel	1		1	2
	19, 25, & 26	Urban Stormwater Hydrologic Modification BMP	(5-6)			
	22	Agricultural Water BMP	Few	Some	Many	Many
	1 & 28	Backwater Restoration	2-3	5-8	2-3	9-14
Geomorphology	2, 4, 29, 30, 31, 32, 33, 34	Deepwater Area Creation, Dredging & Sediment Placement	X	X	X	X
	7, 8, & 31	Island Creation	X	X	X	X
	12 & 20	Sediment Detention Basins	Maybe	10	5	>15
	15	Tributary Stream Stabilization	Few	Most	Few	
	17 & 18	Erosion Control BMPs	Maybe	10	5	>15
Habitat	10 & 16	Prairie & Bluff Restoration & Management	X	X	X	X
	13	Submersed Aquatic Vegetation (Breakwaters)	X	X	X	X
	5 & 28	Floodplain Recapture	None	Most	Some	Lots
	30, 35, & 36	Conservation & Recreation Corridor Anchors	None	Most	Some	Lots
Biota	6 & 23	Invasive Fish Species	X	X	X	X
Social	24	Education Component	X	X	X	X
Economic	4 & 34	Beneficial Use of Sediment	X	X	X	X
	25, 26, 27, & 28	Nutrient Farming (Water Utility)	X			

Peoria Lakes Comprehensive Conservation Plan

Fact Sheet	Recommended Studies
21	Hydrogeomorphic Study
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	Commercial Sediment Market Economic Analysis
	Sediment Use Investigations/Specifications
	Water Utility Sediment Market Analysis (CASM)

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PRIORITIZATION ACTIVITY

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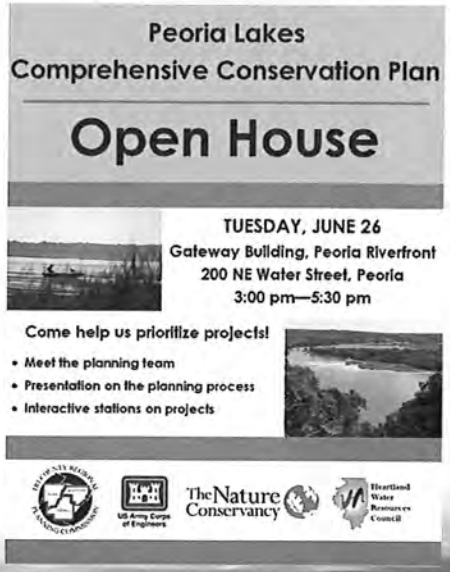
SECOND PUBLIC OPEN HOUSE DEBRIEF

Open House Debrief

- Successful Event!
  - 50 participants attend the Open House
    - Including special guest
      - Colonel Steven Sattinger
        - New USACE Rock Island District Commander
      - Mari Fournier
        - USACE Executive Assistant & Congressional Liaison
  - Two presentations
  - Poster boards displaying
    - Location map
    - Conservation Alternatives
    - Consolidated list of measures
      - With short definitions



Open House Data

- General comment station
  - Total of 7 comments
  - See packet for comments
- Prioritization Station
  - Total 23 people participated in this station
  - The following 4 slides shows the top measures for each criteria
    - Environmental Impact
    - Quality of Life
    - Feasibility/Sustainability
  - Slide showing the top measures with the most dots

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Prioritization Results: Environmental Impact

Peoria Lakes Comprehensive Conservation Plan Prioritization Station	
Measures	**Environmental Impact**
Prairie & Bluff Restoration & Management	12
Floodplain Recapture	11
Agricultural Water BMPs	10
Tributary Stream Stabilization	8
Beneficial Use of Sediment	7
Erosion Control BMPs	7
Urban Stormwater Modification BMPs	6
Backwater Restoration	5
Sediment Dention Basins	5
Invasive Fish Species	4
Conservation & Recreation Corridor Anchors	3
Drawdowns	3
Submersed Aquatic Vegetation	3
Education Component	2
Nutrient Farming (Water Utility)	2
Deepwater Area Creation, Dredging, and Sediment Placement	1
Island Creation	0
Secondary Channel	0

Prioritization Results: Quality of Life

Peoria Lakes Comprehensive Conservation Plan Prioritization Station	
Measures	**Quality of Life**
Conservation & Recreation Corridor Anchors	22
Urban Stormwater Modification BMPs	10
Invasive Fish Species	9
Prairie & Bluff Restoration & Management	9
Education Component	8
Backwater Restoration	7
Deepwater Area Creation, Dredging, and Sediment Placement	7
Floodplain Recapture	6
Drawdowns	3
Island Creation	3
Erosion Control BMPs	3
Tributary Stream Stabilization	2
Secondary Channel	1
Nutrient Farming (Water Utility)	1
Sediment Dention Basins	0
Agricultural Water BMPs	0
Beneficial Use of Sediment	0
Submersed Aquatic Vegetation	0

Prioritization Results: Feasibility/Sustainability

Peoria Lakes Comprehensive Conservation Plan Prioritization Station	
Measures	**Feasibility/Sustainability**
Beneficial Use of Sediment	18
Deepwater Area Creation, Dredging, and Sediment Placement	9
Nutrient Farming (Water Utility)	9
Floodplain Recapture	7
Backwater Restoration	5
Agricultural Water BMPs	5
Submersed Aquatic Vegetation	5
Prairie & Bluff Restoration & Management	5
Urban Stormwater Modification BMPs	4
Conservation & Recreation Corridor Anchors	4
Tributary Stream Stabilization	4
Drawdowns	3
Sediment Dention Basins	3
Education Component	3
Island Creation	2
Secondary Channel	1
Erosion Control BMPs	1
Invasive Fish Species	0

Prioritization Results: Most Dots

Peoria Lakes Comprehensive Conservation Plan Prioritization Station				
Measures	**Environmental Impact**	**Quality of Life**	**Feasibility/Sustainability**	**Total**
Conservation & Recreation Corridor Anchors	3	22	4	29
Prairie & Bluff Restoration & Management	12	9	5	26
Beneficial Use of Sediment	7	0	18	25
Floodplain Recapture	11	6	7	24
Urban Stormwater Modification BMPs	6	10	4	20
Backwater Restoration	5	7	5	17
Deepwater Area Creation, Dredging, and Sediment Placement	1	7	9	17
Agricultural Water BMPs	10	0	5	15
Tributary Stream Stabilization	8	2	4	14
Education Component	2	8	3	13
Invasive Fish Species	4	9	0	13
Nutrient Farming (Water Utility)	2	1	9	12
Erosion Control BMPs	7	3	1	11
Drawdowns	3	3	3	9
Sediment Dention Basins	5	0	3	8
Submersed Aquatic Vegetation	3	0	5	8
Island Creation	0	3	2	5
Secondary Channel	0	1	1	2

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COMPARE PRIORITIZATION RESULTS

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ON THE HORIZON

On the horizon…

- Review public/PRC input & comments
- Develop Newsletter for stakeholders
- Review and finalize document
- Hold PLBA Meeting

Check PartakeInPeoriaLakes.org for regular updates!

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On the horizon…

- Excited to continue with the planning process in the future
- Exploring funding options
  - Continuing to meet with potential funding partners
  - Actively researching grant opportunities
- Staying in the loop with interested stakeholders
- Looking into a feasibility study with the USACE

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OTHER

- Public Comment
- Goal Evaluation

ADJOURNMENT

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MEMBER REPORTS

1. Tri-County Regional Planning Commission
2. The Nature Conservancy
3. Heartland Water Resources Council

OTHER

Next scheduled meeting(s)

- PRC – Wednesday, July 11 (3:00 to 5:00 pm)
- PLBA – Tuesday, August 14
- PLBA – Tuesday, September 11 (Emiquon)
  - *Caravan leaves at 9:30 am*
  - *Meeting starts at 11:00 am*

ADJOURNMENT