



RECORD OF PUBLIC COMMENTS

A COMPREHENSIVE PLAN FOR THE DES PLAINES RIVER WATERSHED

MARCH 18, 2003

DES PLAINES RIVER WATERSHED COMMITTEE

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Chairman and Development, Kenosha County

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The Nature Conservancy

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Director, Racine County

Phil H. Sander Member, Des Plaines Wetland
Conservancy, Inc.

Edward St. Peter General Manager,
Kenosha Water Utility

Ronald Thomas Executive Director,
Northeastern Illinois
Planning Commission

RECORD OF PUBLIC COMMENTS

A COMPREHENSIVE PLAN FOR THE DES PLAINES RIVER WATERSHED

MARCH 18, 2003

April 2003

Prepared by the

Southeastern Wisconsin Regional Planning Commission
W239 N1812 Rockwood Drive
P.O. Box 1607
Waukesha, Wisconsin 53187-1607

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**RECORD OF PUBLIC COMMENTS
A COMPREHENSIVE PLAN FOR THE DES PLAINES RIVER WATERSHED
MARCH 18, 2003**

INTRODUCTION

A formal public hearing was held upon completion of the preliminary plan for the watershed. The hearing was conducted on behalf of the Regional Planning Commission by the Des Plaines River Watershed Committee, with the Chairman of the Committee presiding. The purpose of the hearing was to present the preliminary findings and recommendations of the watershed study for review and consideration by public officials and interested citizens. The hearing was announced through news releases sent to The Kenosha News, Westosha Report, Racine Journal Times, and the Westine Report, which serve the watershed area; through publication of official notices in The Kenosha News, Racine Journal Times, and the Westine Report; through official notices and news releases provided to the clerk of each city, village, and town in the watershed; and through an article in the March/April 2003 "Ties to the Land" newsletter published by Kenosha County Land and Water Conservation, the Racine County Land Conservation Division, the University of Wisconsin-Extension, the U.S. Farm Service Agency Office, and the U.S. Natural Resources Conservation Service.

The hearing was held at 7:45 p.m. on March 18, 2003, at the Kenosha County Center. The hearing was preceded by an "open house" format meeting from 4:00 to 6:30 p.m. which provided an opportunity for the public to meet one-on-one, or in small groups with the County and Commission staffs to receive information, ask questions, and informally provide comment. A presentation summarizing the plan was made by the Commission staff from 7:00 to 7:45 p.m.

Minutes of the public hearing were recorded by a Registered Professional Reporter and Notary Public and were published by the Commission and provided to both the Des Plaines River Watershed Committee and the Regional Planning Commission for review and consideration prior to final adoption of the recommended plan. The public was given the opportunity to submit written comments on the plan through March 31, 2003. The only written comments that were received came from the Kenosha/Racine Land Trust. The comments in that letter were also presented verbally at the public hearing as indicated by the transcript.

This report is a compilation of the public notices and the comments received at the public hearing.

Appendix A

TRANSCRIPT OF MARCH 18, 2003, PUBLIC HEARING

TRANSCRIPT OF MARCH 18, 2003 PUBLIC HEARING HEARING

BROWN & JONES REPORTING, INC.

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION
DES PLAINES RIVER WATERSHED STUDY
PUBLIC HEARING
MARCH 18, 2003

ORIGINAL
TRANSCRIPT

Public Hearing held before MARY RING, a
Registered Professional Reporter and Notary Public in
and for the State of Wisconsin, at the Kenosha County
Center, 19600 75th Street, Bristol, Wisconsin, on the
18th day of March 2003, commencing at 7:45 p.m. and
concluding at 8:05 p.m.

312 East Wisconsin Avenue
Suite 608
Milwaukee, WI 53202
PHONE: (414) 224-9533
FAX: (414) 224-9635

A P P E A R A N C E S

PANEL MEMBERS:

Mr. George Melcher, Director of Planning and
Development.
Mr. Michael G. Hahn, Principal Engineer.
Mr. Robert Biebel, Chief Engineer.

* * * * *

I N D E X

Comments By:	Page
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Mr. James Fox.....	8
Ms. Laurie Artimow.....	9
Mr. Lon Knoedler.....	12

TRANSCRIPT OF PROCEEDINGS

MR. MELCHER: This is now the public
hearing portion of the meeting. I would ask that
anyone wishing to make a public comment with
respect to the plan step forward to either one of
the two tables, state your name, your address
clearly. If you're representing a community or a
private organization, state that as well, and then
please feel free to make your comments. With
that, we'll start.

MR. HOLLOWAY: Floyd Holloway, 15500
Burlington Road, Union Grove, Wisconsin. I'm --
I'm here from the Town of Paris. I came on this
committee a little bit different than most of the
appointees because I was asked to sub for August
Zirbel for a while, and then when he passed away
there was a period of time where -- I think that
there was no representative. But I eventually got
in, but I just -- I got notified again, so --

I'm going to confine my remarks
primarily to the implementation of the plan rather
than the plan itself. There's a whole -- a whole
chapter here on implementation that is rather
lengthy and contains some things that are really
to me kind of objectionable.

To start off with, on Page 8 it says it
is strictly an advisory role and makes actual
implementations of the recommended participating
watershed entirely dependent upon action by local
carrier, state and federal -- federal agencies of
the government.

And I looked through here, and I find
out that there are 26 agencies that are
recommending -- that are receiving recommendations
from the Plan Commission. They are making 144
recommendations, 26 agencies. And later on in
the -- in the report here it indicates that
some -- and a number of these agencies have
condemnation policies, which I think the average
person doesn't -- doesn't have any understanding
of.

I think there are perhaps a few people
here who have read the entire report; there are
some people here who have read part of it; and I
think a great bulk of the people have read none of
it. And when -- if and when they can sit down and
read in detail all the things in this report, they
would have a concern that's -- that's somewhat
similar to mine.

On here, on Page 9 indicates that some

of these agencies are going to have some condemnation policy. I would wonder how many of those people who are covered by your outline on the prairie restoration back here, I wonder how many of those people know that they could very well be exposed to condemnation sometime later on. Not now, a little later on.

One of the -- Another recommendation of agency they make recommendations to is the County Drainage Board. The county -- it is recommended that when the county implicates -- implements a corridor -- coordinator -- when they find it necessary to recount to the Kenosha Drainage Board, it should be -- and they shall find it necessary to remove some of the sediment from the drainage channel, funds will be obtained through the assessment of the district, period. I wonder how many people know that.

Here's one that I find really aggravating. It is further recommended that a sewage systems -- system plan evaluation be made to determine the best means of providing for sewage treatment for Bristol and Paddock Lake sewer service areas, and the plan considered upgrading the Town of Bristol facility in

consultation with Kenosha County, Village of Paddock Lake, Wisconsin Department of Natural Resources.

MR. MELCHER: Floyd, can I just interrupt you a minute? Can you pull that mike more towards --

MR. HOLLOWAY: What?

MR. MELCHER: -- pull that microphone more towards your mouth because it doesn't pick up, and others are having a hard time hearing.

THE WITNESS: Yeah.

MR. MELCHER: There you go.

THE WITNESS: I find the reference to be doing -- doing -- solving the sewer problems, I can't understand how that got into -- who the -- the study of the Des Plaines River.

Some of us went to a whole series of meetings on -- on sewage problems not too long ago, and we find that now the question comes back again under a new name. We're going to do it as part of the Des Plaines River Project.

And then we move over to the summary, in the summary chapter, and it says the most important plan of implementation of these actions are summarized in the following paragraphs by the

level of government and responsible agency or unit of government.

Now, this is where we have all these recommendations being made to these various units of government. Here we have the land use -- the Plan Commission is going to recommend it adopt a revised hundred-year recurrence -- recurrence of floodplain boundary in incorporated areas -- in unincorporated areas. We're going to get a whole new hundred-year floodplain implementation in the unincorporated areas, but it's going to be done by someone appointed with the land -- by -- by Southeastern Regional Planning.

The City of Kenosha Water Utility coordinates with the Town of Bristol Utilities No. 1 in preparing a sewage system facility plan to determine the best means of providing sewage treatment for the Bristol -- for Bristol and Paddock Sewer Service Areas. And again I say how did that get in the Des Plaines River Study.

Now, these are -- these are just a few of the recommendations that -- that are being made, a few of the 144 of them that are being made to 26 agencies, all the way from the -- from the townships involved all the way up into U.S. --

United States Department of Environmental Protection, passing through the governor's office.

I don't think most of us when we -- we thought about doing a study on Des Plaines River thought it was ever going to be this complicated. It didn't have to include 26 agencies. It didn't have to include 144 recommendations. It was -- It could be much simpler than that, and it wouldn't have a price tag like we just saw up there on the screen.

I find that -- I know it isn't possible for everybody to read this thing through before it's approved or disapproved, but I -- I can't imagine an elected government body voting for a plan that puts 144 regulations, new regulations, on their own people. That is beyond me. I don't know -- I don't know why anybody would do that. And at this point I will -- my remarks will be terminated at this point.

MR. MELCHER: Thank you, Floyd. Anybody else who wants to make a comment?

MR. FOX: Good evening. My name is James Fox. I'm currently here representing the Village of Union Grove as a trustee/chairperson for stormwater runoff. I am going to take and

review all these regulations because I think our government is trying to take a lot of problems and lump them into one. Floyd has barely touched on some of them.

A lot of these regulations are being brought up by new developments, and problems are created as far as drainage goes because we've got too much hard surface area which is contributing to more and more of our floodplain.

I think that the commission needs to take a closer look at passing on more of the cost to the immediate developers rather than taking and putting the burden onto taxpayers after the development has caused problems.

I know that the committee as a group realizes this, and I think that we need to emphasize more to the planning commissions and also to water and wastewater as far as the repercussions of developments that are arising too fast. Thank you.

MR. MELCHER: Thank you. Anybody else?

MS. ARTIOMOW: Hi. My name is Laurie Artiomow, I'm with the Kenosha/Racine Land Trust, and my address is 1637 Chatham Street, Racine, Wisconsin.

I'm here today representing the Land Trust, and the Land Trust is an organization that promotes the conservation of open spaces and natural areas for current and future generations. And because of that we support this comprehensive plan because it will make a difference in the remaining critical species habitat and natural areas, the environmental corridors that are very few remaining in this area.

We have recently adopted a conservation plan for the Des Plaines River, and your plan really supports much of what we are trying to do in that plan as far as trying to restore natural areas, the prairies, the wetlands, the hydrologic functioning of the land to reduce flooding.

And we also do see the need to increase recreational areas for the people of this area just so that they have a connection, a place, something that they can do that is out in nature where they see it and just are connected to it.

Unmanaged urban sprawl really does increase flooding. It increases economic costs associated with that. It -- It ruins aesthetic beauty of an area. It lowers quality of life for humans and non-humans. And this is why we really

support it.

We are currently seeking funds to hire staff, and this staff person will be helping us implement our plan. And that person can help the municipalities who do implement your proposed plan. They can help with land negotiations, education, and help with the DNR and the restoration activities for wetlands and prairies. So we do feel that we will be a good partner for these municipalities and the organizations that are going to be implementing this.

We also understand that a lot of the restoration work is going to be done by individual landowners themselves. Some of it may be land acquisition and some of it really -- probably most of it will be individual landowners, and we really are trying to put together a nice education program that can help many of the different types of landowners understand just small things that they can do that will improve stormwater runoff, just enhancing habitat, and everything else.

And so with that said, we really do support the plan. And I'm going to just give you a letter and a copy of our plan just so that you have it. At least some of that details some of

the things that we want to do.

MR. MELCHER: Thank you. Anybody else wish to make a comment?

MR. KNOEDLER: My name is Lon Knodler. I live at 4900 17th Street in Somers. I'm here representing Ducks Unlimited. I just want the record to show that we are a willing partner on restoration projects for wetlands, and as planning is going forth, that we be given an opportunity to help. And this could be either public or private partnerships.

There's a lot of money available through recent reauthorization of the North American Wilderness Conservation Act. Our dollars can start things. Those grants can be multiplied substantially.

MR. MELCHER: Anyone else wish to make a comment? Anyone else? Last time. Anyone else? If not, I'll consider this portion of the public hearing closed.

Bob just told me that the commission will consider public written comments up till April 1st of 2003 if sent to the commission offices. Anyone wishing to get their address, you can come up to the table afterwards, and Bob and

1 Mike will be happy to furnish you with that. With
 2 that, I thank everyone for coming, and the
 3 meeting's adjourned.

4 (Proceedings concluded at 8:05 p.m.)
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1 STATE OF WISCONSIN)

2) SS:

3 COUNTY OF MILWAUKEE)
 4
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 6

7 I, MARY RING, a Registered Professional
 8 Reporter and Notary Public in and for the State of
 9 Wisconsin, do hereby certify that the above Public
 10 Hearing was recorded by me on the 18th day of March,
 11 2003, and reduced to writing under my personal
 12 direction.

13 I further certify that I am not a
 14 relative or employee or attorney or counsel of any of
 15 the parties, or a relative or employee of such attorney
 16 or counsel, or financially interested directly or
 17 indirectly in this action.

18 In witness whereof I have hereunder set
 19 my hand and affixed my seal of office at Milwaukee,
 20 Wisconsin, this 20th day of March, 2003.
 21
 22

23 Mary Ring
 24 Notary Public
 25 In and for the State of Wisconsin

My Commission Expires: June 6, 2004.

Appendix B

COMMENTS RECEIVED BY LETTER

Appendix B

COMMENTS RECEIVED BY LETTER

March 18, 2003



George Melcher
Chairman – Des Plaines River Watershed Committee
Kenosha County Center
19600 - 75th Street
Bristol, WI

Dear Mr. Melcher:

The Kenosha/Racine Land Trust supports the implementation of the proposed comprehensive plan for the Des Plaines River watershed. This plan includes many of the objectives that we have identified in our recently adopted regional conservation plan for the Upper Des Plaines River watershed. Our interests in this watershed include the conservation and restoration of the few remaining native ecosystems and critical species habitats, as well as restoring the natural hydrology of the watershed and providing area residence with recreational and educational opportunities that will strengthen their connection to this region.

As you may know, unmanaged urban sprawl can have tremendous impacts on the economic costs of flood events and can ruin the aesthetic beauty and the quality of life (both human and non-human) in a region. The pressure for urban sprawl in this watershed will only increase. A solid plan that will serve to enhance the watershed, and not degrade it, is of the utmost importance right now.

The Land Trust is currently seeking funding for staff to help us carry out our conservation plan. This will also enable us to partner with the municipalities and other organizations that will be responsible for the implementation of the proposed comprehensive plan. Our employee will negotiate land acquisitions within the primary environmental corridors of the watershed and work with the Wisconsin Department of Natural Resources towards the prairie and wetland restoration component of the proposed plan. The Land Trust also plans to develop education programs for all aspects of land and resource conservation within the watershed as identified in our conservation plan. I am including a copy of our plan for your review.

If you have any questions about the role that the Land Trust can play to help conserve the Des Plaines River watershed, please contact me at (262)633-3351 or lartiomow@krlt.org.

Sincerely,

A handwritten signature in dark ink, appearing to read "Lori Artiomow", is written over a horizontal line.

Lori Artiomow
Board of Directors - Vice President
Kenosha/Racine Land Trust



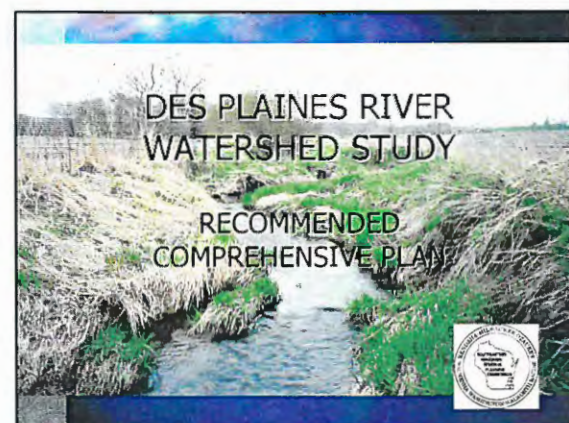
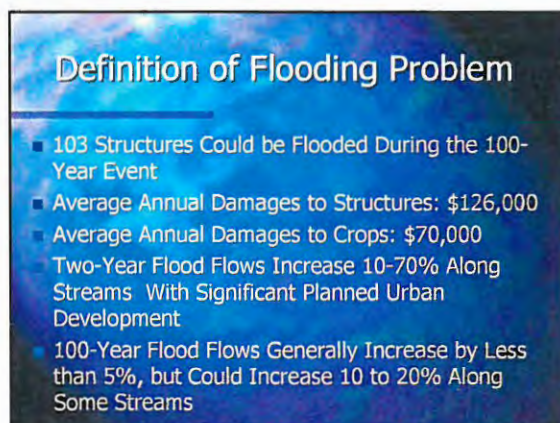
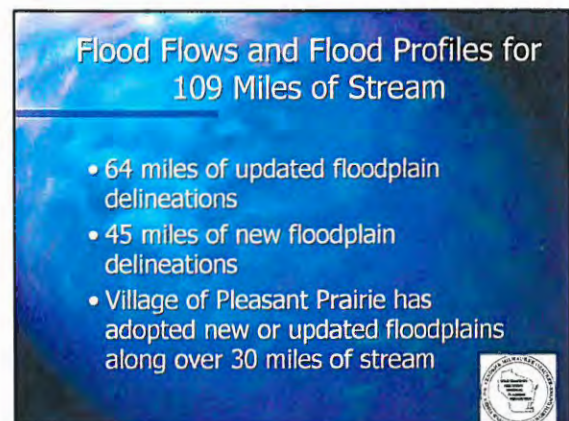
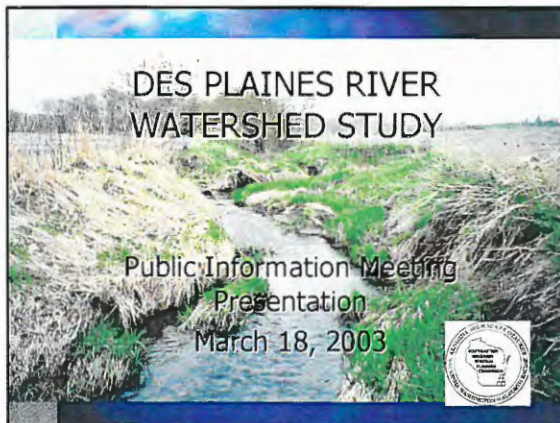
KENOSHA/RACINE LAND TRUST, INC.
P O BOX 085153 RACINE, WI 53408-5153
PHONE & FAX: 262-552-0448

Appendix C

COMMISSION STAFF PRESENTATION PRIOR TO THE PUBLIC HEARING

Appendix C

COMMISSION STAFF PRESENTATION PRIOR TO THE PUBLIC HEARING



Overview

- Four Interrelated Plan Elements
 - Land Use, Park and Open Space
 - Floodland and Stormwater Management
 - Water Quality Management
 - Fisheries Management
- Plan Implemented from 2003 Through 2030



Recommended Land Use Plan

- Land Use Plan (Map XV-1)
 - 1990: 12.5 square miles, or 9.4%, urban
 - 2030: 33 square miles, or 25%, urban
 - Corresponding decreases in rural lands



Land Use Plan

- Open Space Sub-element (Map XV-1A)
 - Maintain and preserve all primary environmental corridors (PEC) (13% of watershed)
 - About 49% of PEC to be in public or public-interest ownership
 - 9% private, but to remain in outdoor recreation use
 - 42% to be protected through public conservancy zoning



Recommended Land Use Plan (continued)

- Open Space Sub-element
 - Secondary environmental corridors (SEC) and isolated natural resource areas (INRA)
 - Natural, open use
 - Drainageways
 - Stormwater detention or retention
 - Parks or recreational trails
 - 365 acres, or 9%, of SEC to be publicly acquired for trails
 - 28 acres of INRA for community park in Pleasant Prairie



Recommended Land Use Plan (continued)

- Open Space Sub-element (continued)
 - PEC quantification excludes wetland and prairie restoration areas



Recommended Land Use Plan (continued)

- Outdoor Recreation Subelement (Map XV-1B)
 - Maintain existing parks
 - Brighton Dale and Bristol Woods in Kenosha County
 - Bong State Recreational Area
 - Continue to develop Prairie Springs Park in Village of Pleasant Prairie
 - New 18-hole golf course north of Prairie Springs Park

Recommended Land Use Plan (continued)

■ Outdoor Recreation Subelement

- Maintain existing community park in Bristol
- New community park in Pleasant Prairie
- Maintain five neighborhood parks: Four in Kenosha County, one in Racine County
- Nine new neighborhood parks
 - City of Kenosha
 - Village of Pleasant Prairie (5)
 - Adjacent to Village of Union Grove
 - Town of Salem (2)



Recommended Land Use Plan (continued)

■ Outdoor Recreation Subelement

- 36.5-mile-long areawide recreational trail system
 - Designed to connect to trail in Lake County, Illinois
 - 32.2 miles in Kenosha County
 - 4.3 miles in Racine County
- 44 miles of local trails



Recommended Land Use Plan (continued)

■ \$16.9 Million Estimated Cost of Park and Open Space Plan Subelement

- PEC purchase: \$5.3 million
- 18-hole golf course: \$6.2 million
- Prairie Springs Park: \$0.5 million
- Areawide trails: \$4.9 million



Recommended Land Use Plan (continued)

■ All of Estimated Cost of Park and Open Space Plan is for Facilities Called for Under Previously-adopted Plans

- County Park and Open Space Plans
- Kenosha Urban Planning District Plan
- Regional bicycle and pedestrian systems plan



Alternative Floodland Management Plans

■ Watershedwide

- No Action
- Structure Floodproofing, Elevation, and Removal (FER)
- Detention Storage with FER
- Prairie Restoration with FER
- Wetland Restoration with FER
- Stream Rehabilitation with FER



Recommended Floodland and Stormwater Management Plan

- Abate flood damages for 100-year Flood
- Components (Map XV-2)
 - Floodproofing (49), Elevation (4), & Removal (17)
 - Detention Storage for New Development
 - 100-year: 0.3 cfs/acre
 - Two-year: 0.04 cfs/acre
 - Prairie Restoration (Six square miles)
 - Wetland Restoration (3.1 square miles in delineated floodplains)

Recommended Floodland and Stormwater Management Plan

■ Components (continued)

- Case-specific plans for UT6 to Brighton Creek and UT1 to Hooker Lake
- Sediment monitoring program for Upper Des Plaines

Recommended Floodland and Stormwater Management Plan

■ Restore 20% of Candidate Prairie Sites (6 square miles)

- Benefits for habitat, water quality, and flood flow reduction
- Degree of landowner willingness to restore prairies is unknown
- Ambitious goal will maximize attainment of benefits

Recommended Floodland and Stormwater Management Plan

■ Prairie Restoration Priorities

- Bong grassland reserve sites
- Restoration would enhance nearby natural areas
- Restoration would enhance habitat and natural character along major stream
- Opportunity to establish riparian buffers
- Needed for hydrologic benefits



Recommended Floodland and Stormwater Management Plan

■ Restore Candidate Wetland Sites in Delineated 100-Year Floodplains (3.1 square miles)

- Achieve benefits associated with wetland functional values (Store runoff; nonpoint source pollution reduction; erosion protection; habitat; and recreational and aesthetic values)
- Reduce agricultural flood damages by 50%

Recommended Floodland and Stormwater Management Plan

■ Capital Cost Ranging from \$70.9 to \$86.8 Million

- Floodproofing, elevation, and removal: \$2.0 million (Generally private cost)
- Detention storage: \$37.3 million
- Private sector cost of land development
- Prairie restoration: \$20.9 to \$32.0 million
- Wetland restoration: \$9.7 to \$14.4 million
- Prairie & wetland restoration expected to be accomplished through land trust, grants, and other outside sources

Recommended Floodland and Stormwater Management Plan

■ Capital Cost (continued):

- UT 6 to Brighton Creek: \$1.0 million
- UT 1 to Hooker Lake: \$0.1 million
- Streamflow and sediment monitoring on DPR: \$40,000

■ Annual O & M: \$0.4 to \$1.5 million



Recommended Floodland and Stormwater Management Plan

■ Effects on Peak Flood Flows

- Generally reduces two- through 100-year flows from 0 to 50 % relative to planned land use without controls
- One- and two-year flow decreases generally range from 10 to 50% relative to 1990 conditions
- 10- through 100-year flow decreases generally range from 0 to 50% relative to 1990 conditions



Recommended Floodland and Stormwater Management Plan

■ Effectiveness in Limiting Flows at the State Line

- Avoids increases relative to 1990 in the peak two- and 100-year flows in Dutch Gap Canal and the 100-year flow in the Des Plaines River
- Slight increase in the peak two-year flow in the Des Plaines River relative to 1990



Recommended Floodland and Stormwater Management Plan

■ Additional Recommendations

- Bridge replacement
 - 25 of 176 in future (14%)
 - Only 13 (7%) with full plan implementation
- Floodland regulations
 - Counties, City of Kenosha, Villages of Pleasant Prairie and Union Grove should revise ordinances and Village of Paddock Lake should adopt an ordinance using DPRWS profiles
 - Compensatory storage to offset any filling

Recommended Floodland and Stormwater Management Plan

■ Additional Recommendations

- Detailed stormwater management plans for urban areas
- Stormwater management ordinances (exempt small size development)
- Follow land use plan
- Channel maintenance
- Federal flood insurance (Revise maps)
- Maintain USGS DPR at Russell, IL gauge and add gauge near CTH K

Recommended Water Quality Management Plan

■ Based on:

- Adopted Regional WQMP
- County Land and Water Resource Management Plans
- Public and Private Sewage Treatment Plants
- Nonpoint Source Pollution Control



Recommended Water Quality Management Plan

■ Public Sewage Treatment Plants (Map XV-4)

- Abandon two plants in Pleasant Prairie and connect to Kenosha Water Utility Plant
- Sewerage system plan evaluation for Paddock Lake and Bristol



Recommended Water Quality Management Plan

■ Private Sewage Treatment Plants

– When significant upgrading is needed:

- Hickory Haven Mobile Home Park to Village of Union Grove
- Rainbow Lake Manor Mobile Home Park to Bristol



Recommended Water Quality Management Plan

■ Agricultural and Urban Nonpoint Source Pollution Control

Consistent with County land and water resource management plans

Consistent with performance standards of Chapter NR 151 of the *Wisconsin Administrative Code*



Recommended Water Quality Management Plan

■ Water Quality and Wildlife Habitat

– Reduce streambank erosion

– Reduce sedimentation in wetlands

Acquire and preserve environmental corridors and natural and critical species habitat areas

Encourage collection of water quality data by lake associations

Encourage establishment of riparian buffers

Recommended Water Quality Management Plan

■ Education

– Agricultural, lawn, and golf course nutrient and chemical management

Erosion control methods for developers and contractors

Buffer design for riparian owners and landscape contractors

Residential yard management



Recommended Water Quality Management Plan

■ Capital cost of \$21.9 million

– Wet detention basins

– Private sector cost of land development

- Administrative and planning costs of \$2.3 million (45 to 55% currently budgeted by Counties, remainder from outside sources)
- Annual O&M: \$116,000

Costs do not include preparation of detailed stormwater management plans

Recommended Fisheries Management Plan

■ Preparation of subwatershed-level fisheries management plans

Tier 1 activities: Watershed management consistent with water quality management plan

Tier 2 activities: Stream corridor and lake management

Tier 3 activities: Streambank and shoreline

Tier 4 activities: Instream and lake

Recommended Fisheries Management Plan

- Protect threatened, endangered, and special concern species
- Control carp
- Enhance existing populations
- Coordinate with detailed stormwater management plans
- Develop and implement a monitoring and evaluation strategy



Recommended Fisheries Management Plan

- Costs of measures would be determined through preparation of detailed fisheries management plans



Estimated Comprehensive Plan Costs

- Capital Cost: \$112 to \$128 million (depending on CRP enrollment or conservation easements)
- Park and Open Space Element: 13 to 15%
- Floodland and Stormwater Element: 63 to 68%
- Water Quality Element: 19 to 22%



Estimated Comprehensive Plan Costs

- Private Sector Cost of Land Development: \$59 million, or 46 to 53% of total capital cost
- Adopted Park and Open Space and Related Plans: \$14 million
- Building floodproofing & elevation: \$1 million
- Thus, \$74 million, or 58 to 66% of total capital cost borne by private sector or previously adopted

DES PLAINES RIVER WATERSHED STUDY

CHAPTER XVI

PLAN IMPLEMENTATION



Plan Implementation

- Recommend each County designate a Plan Implementation Coordinator
- Logically a staff member from County Planning and Development Departments



Plan Implementation

- Implementation Organizations

- Federal, State, local governments, and private sector
- Implementation responsibilities of each organization

Financial and Technical Assistance

Potential Funding Sources

Many Federal, State, and Private Grant and Loan Programs

QUESTIONS AND COMMENTS



Appendix D
PUBLIC NOTICE

Appendix D

PUBLIC NOTICE

PUBLIC INFORMATION MEETING AND HEARING SCHEDULED ON COMPREHENSIVE PLAN FOR THE DES PLAINES RIVER WATERSHED

Citizens are invited to a public information meeting and hearing to learn more about, and to comment on, the Comprehensive Plan for the Des Plaines River watershed. The plan was prepared by the Southeastern Wisconsin Regional Planning Commission, in cooperation with the Kenosha County Department of Planning and Development; the Racine County Division of Planning and Development; and a watershed advisory committee composed of representatives of local government, the Wisconsin Department of Natural Resources, private organizations, private citizens, conservation organizations, and County and regional representatives from downstream reaches in the State of Illinois. The session will be held on March 18, 2003, at the Kenosha County Center at 19600 – 75th Street, Bristol Wisconsin. The session will begin with a meeting in "open house" format from 4:00-6:30 p.m., which will provide an opportunity to meet one-on-one or in small groups with the County and Commission staffs to receive information, ask questions, and provide comment. A presentation will be made by the Commission staff at 7:00 p.m., followed at 7:45 p.m. by a public hearing providing a forum for public comment in "town hall" format.

The plan, which is documented in SEWRPC Planning Report No. 44, A Comprehensive Plan for the Des Plaines River Watershed, includes recommendations related to land use and park and open space areas, floodland and stormwater management, water quality management, and fisheries management. Residents of the watershed in Kenosha and Racine Counties are encouraged to attend. The watershed is generally located in extreme southern Racine County south of STH 11 between STH 75 on the west and CTH H on the east and in Kenosha County between the Kenosha-Racine County Line on the north, the Wisconsin-Illinois State Line on the south, and STH 75 on the west. In Kenosha County north of STH 50 the eastern watershed boundary is 1 to 1.5 miles east of IH 94 and south of STH 50 the boundary is about four miles east of IH 94. All or portions of the City of Kenosha, the Villages of Paddock Lake (all), Pleasant Prairie, and Union Grove, and the Towns of Brighton, Bristol (all), Dover, Mt. Pleasant, Paris, Salem, Somers, and Yorkville are located in the watershed. Copies of the recommended plan chapter are now available for review at the following locations:

- Kenosha Department of Planning and Development
19600 – 75th Street
Bristol, Wisconsin
(The Kenosha County Center is located northeast of the intersection of USH 45 and STH 50.)
- Racine County Division of Planning and Development
Ives Grove Office Complex
14200 Washington Avenue
Sturtevant, Wisconsin
(The Ives Grove Office Complex is located on STH 20 just west of IH 94.)

After March 5, 2003, the recommended plan chapter can be accessed at www.sewrpc.org/desplaines.

The meeting room is handicapped accessible. Persons with special needs are asked to contact Daniel R. Treloar at (262) 857-1895 in advance of the public hearing date so that appropriate arrangements can be made. Affected may be site access and/or mobility, materials review or interpretation, or active participation, including the submission of comments.

In addition to providing comments at the public meetings and hearings, written comments may also be submitted. Written comments should be received no later than Tuesday, March 31, 2003. To ask questions or to submit written comments on this review of the Des Plaines River watershed study, please contact:

Southeastern Wisconsin Regional Planning Commission
W239 N1812 Rockwood Drive
P.O. Box 1607
Waukesha, Wisconsin 53187-1607
Phone: 262-547-6721 Fax: 262-547-1103

Appendix E
NEWS RELEASE

NEWS RELEASE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

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News Release

FOR IMMEDIATE RELEASE

March 4, 2003
Release No. 03-02

For more information,
contact Michael G. Hahn,
Principal Engineer, at
(262) 547-6722, Extension 243

PUBLIC INFORMATION MEETING AND HEARING SCHEDULED ON PROPOSED COMPREHENSIVE PLAN FOR THE DES PLAINES RIVER WATERSHED

The Southeastern Wisconsin Regional Planning Commission (SEWRPC) has scheduled a public information meeting and hearing on the proposed comprehensive plan for the Des Plaines River watershed. The session will be held on March 18, 2003, at the Kenosha County Center at 19600 - 75th Street, Bristol Wisconsin. The session will begin with a meeting in "open house" format from 4:00-6:30 p.m., which will provide an opportunity to meet one-on-one or in small groups with the County and Commission staffs to receive information, ask questions, and provide comment. A presentation will be made by the Commission staff at 7:00 p.m., followed at 7:45 p.m. by a public hearing providing a forum for public comment in "town hall" format.

The SEWRPC is the official areawide planning agency for the seven-county Southeastern Wisconsin Region. In addition to regional land use planning, the Commission plans for transportation, flood management, and sewerage, as well as parks and open space, environmental corridors, and natural areas. By law, the plans of the Regional Planning Commission are advisory to State, county, and municipal governments.

The Des Plaines River watershed plan was prepared by SEWRPC in cooperation with the Kenosha County Department of Planning and Development; the Racine County Division of Planning and Development; and a watershed advisory committee composed of representatives of local government, the Wisconsin Department of Natural Resources, private organizations, private citizens, conservation organizations, and County and regional representatives from downstream reaches in the State of Illinois.

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The watershed committee will use the input from the public forum to shape the finished plan which will be presented to the Kenosha and Racine County Boards and to local, State, and Federal agencies for their final review and approval.

The watershed is generally located in extreme southern Racine County south of STH 11 between STH 75 on the west and CTH H on the east and in Kenosha County between the Kenosha-Racine county line on the north, the Wisconsin-Illinois state line on the south, and STH 75 on the west. In Kenosha County north of STH 50 the eastern watershed boundary is 1.0 to 1.5 miles east of IH 94 and south of STH 50 the boundary is about four miles east of IH 94. All or portions of the City of Kenosha, the Villages of Paddock Lake (all), Pleasant Prairie, and Union Grove, and the Towns of Brighton, Bristol (all), Dover, Mt. Pleasant, Paris, Salem, Somers, and Yorkville are located in the watershed.

The plan is comprised of four major elements: 1) Land use, including development of recreational facilities and open space preservation, 2) Floodland and stormwater management, 3) Water quality management, including point and nonpoint source pollution abatement, and 4) Fisheries management. The plan includes recommendations related to each of those elements.

Land Use Plan Element

The land use plan calls for urban land use to be concentrated in planned urban service areas with urban uses increasing from 9 percent in 1990 to about 25 percent under planned conditions. The land use plan element calls for 1) the preservation of primary environmental corridors in essentially natural, open space uses, 2) the maintenance of existing parks and the development of several new community and neighborhood parks, 3) the development of an 18-hole golf course, and 4) the development of a 36.5-mile-long areawide recreational trail and 44 miles of local trails. The plan also envisions use of a combination of public acquisition and public regulation of private lands to guide the distribution of land uses within the watershed in order to achieve a safer, more healthful, more pleasant, and more efficient land use pattern while meeting the forecast land use demand. The land use plan emphasizes continued reliance on the urban land market to determine the location, intensity, and character of future development within the Region and the watershed for residential, commercial, and industrial land uses.

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Stormwater and Floodland Management Plan Element

The stormwater and floodland management plan element is intended to avoid increases in stream flows due to development and to eliminate structure flooding damages during large floods. The plan element calls for 1) floodproofing 49 buildings, elevating four buildings, and removing 17 buildings; 2) the continuation and institution of sound floodland zoning regulations and practices throughout the watershed in an effort to prevent future flood prone development; 3) the conversion of certain lands in the floodplain from agricultural uses to wetlands; 4) the conversion of certain lands from agricultural uses to prairies; 5) the development of stormwater management plans and regulations, including recommendations that municipalities adopt requirements resulting in uniform, watershedwide controls on runoff from new development; 6) stream rehabilitation along the main stem of the Upper Des Plaines River; and 7) miscellaneous structural and nonstructural measures.

Water Quality Management Plan Element

The water quality management plan recommends the continued abatement of pollution from industrial waste discharges and municipal sewage treatment plants; the control of pollution from construction site erosion and other urban and rural nonpoint sources; the preparation of subwatershed-level stormwater management plans in the framework of the overall watershed study; and the development of a water quality-monitoring program for the watershed.

Fisheries Management Plan Element

The fishery throughout the Des Plaines River watershed has been demonstrated to be significantly impacted in terms of a loss in intolerant species, habitat, and degraded water quality conditions. Recent data demonstrates that some portions of the watershed, particularly within some areas of Brighton Creek, may contain greater potential for fisheries development than previously thought. The watershed plan 1) recommends that subwatershed-level fisheries management plans be prepared, 2) establishes priorities for the preparation of those plans, and 3) recommends a tiered approach to implementing restoration measures. The fisheries management recommendations are closely coordinated with the water quality management measures.

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Implementation of the Recommended Comprehensive Plan for the Des Plaines Watershed

The plan includes specific recommendations for local, State, Federal, and private sector actions needed to implement the plan. It also establishes a specific organizational framework for plan implementation.

Copies of the recommended plan chapter are now available for review at the following locations:

- Kenosha Department of Planning and Development
19600 - 75th Street
Bristol, Wisconsin
(The Kenosha County Center is located northeast of the intersection of USH 45 and STH 50.)
- Racine County Division of Planning and Development
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After March 5, 2003, the recommended plan chapter can be accessed at www.sewrpc.org/desplaines.

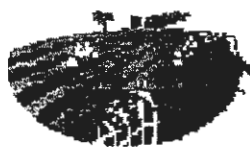
In addition to providing comments at the public hearing, written comments may also be submitted. Written comments should be received no later than Tuesday, March 31, 2003. To ask questions or to submit written comments on this review of the Des Plaines River watershed study, please contact:

Southeastern Wisconsin Regional Planning Commission
W239 N1812 Rockwood Drive
P.O. Box 1607
Waukesha, Wisconsin 53187-1607
Phone: 262-547-6721 Fax: 262-547-1103

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Appendix F

EXCERPT FROM "TIES TO THE LAND" NEWSLETTER



Ties to the Land



Volume 4, Issue 2

March/April 2003

Your Resource Partners in Kenosha and Racine Counties:

Racine County Land Conservation Division
University of Wisconsin Extension

Farm Service Agency Office

Kenosha County Land & Water Conservation
Natural Resources Conservation Service

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A Rain Garden Demonstration Workshop

will be held Saturday May 3rd from 10 a.m. to 1 p.m. This hands-on workshop will be held at the Eastside Community Center 6156 Douglas Ave. Fee: \$20 and includes 5 native plants.

If you're interested in attending call the Caledonia Park & Rec. Dept. at (262) 752-1682.

A Comprehensive Plan for the Des Plaines River Watershed

The Southeastern Wisconsin Regional Planning Commission (SEWRPC) is nearing completion of *A Comprehensive Plan for the Des Plaines River Watershed* (Planning Report No. 44). The watershed is located in Kenosha and Racine Counties as shown on Figure 1. The plan is comprised of four major elements: 1) Land use, including development of recreational facilities and open space preservation, 2) Floodland and stormwater management, 3) Water quality management, including point and nonpoint source pollution abatement, and 4) Fisheries management. The plan was developed with guidance from a Watershed Advisory Committee, consisting of representatives from municipal and County government, the Wisconsin Department of Natural Resources, private interests, private citizens, conservation organizations, and County government and regional representatives from downstream reaches in the State of Illinois.

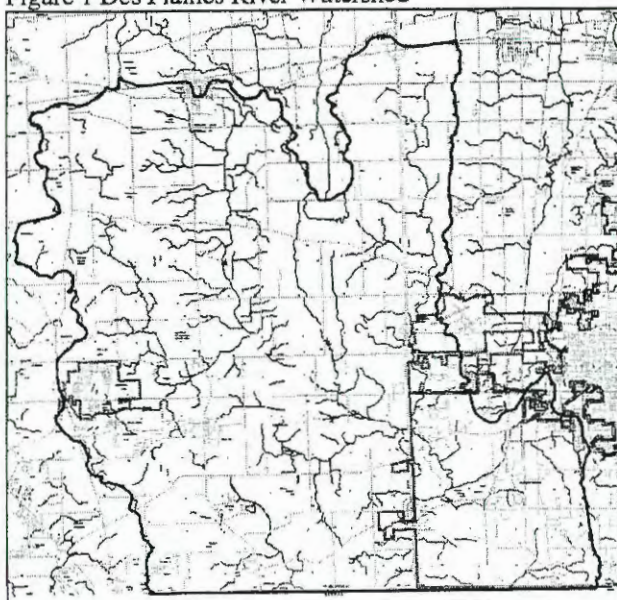
Land Use Plan Element

The land use plan element calls for 1) the preservation of primary environmental corridors in essentially natural, open space uses, 2) the maintenance of existing parks and the development of several new community and neighborhood parks, 3) the development of an 18-hole golf course, and 4) the development of a 36.5-mile-long area wide recreational trail and 44 miles of local trails. The plan also envisions use of a combination of public acquisition and public regulation of private lands to guide the distribution of land uses within the watershed in order to achieve a safer, more healthful, more pleasant, and more efficient land use pattern while meeting the forecast land use demand. The land use plan emphasizes continued reliance on the urban land market to determine the location, intensity, and character of future development within the Region and the watershed for residential, commercial, and industrial land uses.

Stormwater and Floodland Management Plan Element

The stormwater and floodland management plan calls for 1) structure floodproofing, elevation, and removal; 2) the continuation and institution of sound floodland zoning regulations and practices throughout the watershed in an effort to prevent future flood prone development 3) the conversion of certain lands in the floodplain from agricultural uses to wetlands; 4) the conversion of certain lands from agricultural uses to prairies; 5) the development of stormwater management plans and regulations, including recommendations that municipalities adopt requirements resulting in uniform, watershedwide controls on runoff from new development; 6) stream rehabilitation along the main stem of the Upper Des Plaines River; and 7) miscellaneous structural and nonstructural measures.

Figure 1 Des Plaines River Watershed



Water Quality Management Plan Element

The water quality management plan recommends the continued abatement of pollution from industrial waste discharges and municipal sewage treatment plants; the control of pollution from construction site erosion and other urban and rural nonpoint sources; the preparation of subwatershed-level stormwater management plans in the framework of the overall watershed study; and the development of a water quality-monitoring program for the watershed.

Fisheries Management Plan Element

The maintenance and rehabilitation of the warmwater fishery in the watershed is an important component of this watershed plan. The fishery throughout the Des Plaines River watershed has been demonstrated to be significantly impacted in terms of a loss in intolerant species, habitat, and degraded water quality conditions. Recent data demonstrates that some portions of the watershed, particularly within some areas of Brighton Creek, may contain greater potential for fisheries development than previously thought. The watershed plan 1) recommends that subwatershed-level fisheries management plans be prepared, 2) establishes priorities for the preparation of those plans, and 3) recommends a tiered approach to implementing restoration measures. The fisheries management recommendations are closely coordinated with the water quality management measures.

Implementation of the Recommended Comprehensive Plan for the Des Plaines Watershed

The plan includes specific recommendations for local, State, federal, and private sector actions needed to implement the plan. It also establishes a specific organizational framework for plan implementation.

The Des Plaines River Watershed Study report is still in draft form and is in the final stages of committee review. Throughout the planning process the Des Plaines River Watershed committee has met to examine, discuss, amend and endorse each chapter of this report. The plan will be presented at a public hearing on March 18th at the Kenosha County Center 19600 – 75th Street in Bristol. There will be an open house from 4:00 p.m. until 6:30 p.m. that will give interested citizens a chance to review the plan and related maps and ask questions of the County and Regional Planning Commission staff members. A formal presentation of the plan is scheduled for 7:00 p.m. to discuss plan contents and recommendations and hear additional comments. The watershed committee will use the input from this public forum to shape the finished plan which will be presented to the Kenosha and Racine County Boards and to local, State, and Federal agencies for their final review and approval.

25TH WISCONSIN LAKES CONVENTION TO TAKE PLACE APRIL 10-12, 2003

The 2003 Wisconsin Lakes Convention is slated to take place at the KI Convention Center in Green Bay, WI, from Thursday, April 10th through Saturday, April 12th. This meeting of folks interested in lakes is the 25th such annual, and this noteworthy anniversary is being celebrated as part of the "Year of Water" launched by the State of Wisconsin at the end of 2002. Taking the 25th anniversary as its theme, this year's conference incorporates talks and workshops that include aspects of groundwater and streams as well as the usual lake fare. Silver Reflections...Golden Projections sums up the mix of topics that focus on citizen-led initiatives that created and continue to foster the Wisconsin Lakes Partnership, an umbrella that includes the Wisconsin Association of Lakes, the Wisconsin Department of Natural Resources, and the University of Wisconsin-Extension as the lead agencies and organizations. Featured at this year's anniversary conference are Lake Leaders and citizens from the Kenosha and Racine Counties. Lake Management District Commissioners Norman Abplanalp and Barbara Baron from the newly formed Waterford Waterway Management District and Lake Leader David Giza, Chairman of the Camp-Center Lake Management District, are featured speakers in the Nuts'n'Bolts Stream, which will provide citizens with insights into local lake organizations and their governance. The Nuts'n'Bolts session is just one of eight exciting informational opportunities on offer at this year's Convention. For more information or to register, email uwexlakes@uwsp.edu or call (715) 346-2116. Visit the Wisconsin Association of Lakes website at www.wisconsinlakes.org for more details!