



Walworth County  
Land Conservation Committee  
**And Public Hearing**  
**Monday, April 25, 2011 at 1:00 p.m.**

Land Use and Resource  
Management Department

**Walworth County Government Center**  
**County Board Room 114**  
**Elkhorn, WI 53121**

*Dan Kilkenny – Chair, Jerry Grant - Vice Chair*  
*Randy Hawkins - Supervisor*

*Sue Bellman – USDA/FSA Representative, Dorothy C. Burwell – Citizen Member*

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*(Posted in Compliance with Sec. 19.84 Wis. Stats.)*

***It is possible that a quorum of the County Board or a committee of the County Board could be in attendance.***

**AGENDA**

1. Call to order
2. Farmland Preservation Plan Revision Public Hearing. LURM Staff
3. Roll call
4. Approval of the Agenda
5. Approval of Minutes from March 14, 2011 LCC Meeting
6. Public Comment
7. Discussion/Possible Action – Model Resolution for Endorsement of the Regional Water Supply Plan for Southeastern Wisconsin: 2035. Michael Cotter (enclosure, pages 1-3 )
8. Discussion/Possible Action – Amendment to the Regional Water Quality Management Plan for an Addition to the City of Elkhorn Sanitary Sewer Service Area. Neal Frauenfelder (enclosures, pages 4-16)
9. Discussion/Possible Action – SEWRPC Amendment to Natural Areas & Critical Species Habitat Protection and Management Plan for Southeastern Wisconsin Regions. Michael Cotter (enclosure, page 17)

Next Meeting Date

Adjournment

**Submitted by: Michael P. Cotter, Director, Land Use and Resource Management Department,  
Louise Olson, Deputy Director, Land Conservation Committee Designee**

Posted: April 18, 2011

**Walworth County Land Conservation Committee**  
MINUTES

**DRAFT**

Monday, March 14, 2011 at 1:30 p.m.

Walworth County Board Room 114  
Elkhorn, WI 53121

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The meeting was called to order by LCC Chair Kilkenny at 1:30 p.m.

Roll call - Committee members present included: Supervisors Kilkenny, Hawkins, Grant, Citizen Member Burwell, and USDA/FSA Representative Sue Bellman A quorum was declared.

County staff present – David Bretl, County Administrator; Michael Cotter, Director of Land Use & Resource Management (LURM); Louise Olson, Deputy Director, LURM; Fay Amerson, Urban Manager, LURM; Neal Frauenfelder, Sr. Planner, LURM; Matt Weidensee, Associate Planner; and Joann Douglas, Recording Secretary.

Also in attendance – Nancy Russell, Walworth County Board Chair; and Maggie Zoellner, Delavan Lake Water Initiative Network (WIN).

Approval of the Agenda – **Supervisor Grant and Hawkins moved and seconded approval of the agenda. Motion carried 5-0.**

Approval of the Minutes – **Citizen Member Burwell and Supervisor Hawkins moved and seconded approval of the February 14, 2011 LCC meeting minutes. Motion carried 3-0.**

Public Comment – none

Model Resolution for Endorsement of the Regional Water Supply Plan for Southeastern Wisconsin: 2035 - Michael Cotter. After discussion, **Supervisor Hawkins and Kilkenny moved and seconded approval of endorsement of the Regional Water Supply Plan for Southeastern Wisconsin as it pertains to Walworth County.** After further discussion, the motion was withdrawn. **Supervisor Hawkins and Kilkenny moved and seconded to have Michael Cotter draft resolutions stating three possible positions and table until the April 25, 2011 LCC Meeting. Motion carried 5-0**

WLWCA 2011 dues – Louise Olson. **Citizen Member Burwell and Supervisor grant moved and seconded approval of payment of the 2011 WLWCA dues which are in the budget. Motion carried 5-0.**

Farmland Preservation Plan Update – Fay Amerson said we would proceed under current law. No action needed.

Delavan Lake Watershed Initiative Network Request for Staff Participation – Michael Cotter introduced Maggie Zoellner, Delavan Lake WIN who spoke on behalf of the initiative. No action was needed.

Next Meeting Date – Monday, April 25, 2011 at 1:30 p.m. (after 1:00 p.m. public hearing)

Adjournment – **On motion and second by Supervisor Grant and Hawkins Chair Kilkenny adjourned the meeting at 2:39 p.m. Motion carried 5-0.**

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Submitted by Joann Douglas, Recording Secretary. Minutes are not considered final until approved by the committee at the next regularly scheduled meeting.

**Resolution No.**  
**Endorsing the Regional Water Supply Plan for Southeastern Wisconsin: 2035**

1  
2 Moved/Sponsored by: Land Conservation Committee  
3

4 **WHEREAS**, the Southeastern Wisconsin Regional Planning Commission, which was duly  
5 created by the Governor of the State of Wisconsin in accordance with Section 66.0309(2) of the  
6 Wisconsin Statutes on the 8th day of August 1960, upon petition of the Counties of Kenosha,  
7 Milwaukee, Ozaukee, Racine, Walworth, Washington, and Waukesha, has the function and duty  
8 of making and adopting a master plan for the physical development of the Region; and  
9

10 **WHEREAS**, the Southeastern Wisconsin Regional Planning Commission, pursuant to its  
11 function and duty as a regional planning agency has prepared and adopted at its meeting held on  
12 the 1st day of December 2010, a regional water supply plan as set forth in a report entitled,  
13 SEWRPC Planning Report No. 52, *A Regional Water Supply Plan for Southeastern Wisconsin:*  
14 *2035*, published in December 2010: and  
15

16 **WHEREAS**, the Commission has transmitted certified copies of its resolution adopting the  
17 regional water supply plan, together with the aforementioned SEWRPC Planning Report No. 52,  
18 to the local units of government and water utilities concerned and to the appropriate State and  
19 Federal agencies; and  
20

21 **WHEREAS**, Walworth County has supported, participated in the financing of, and generally  
22 concurred in the regional planning programs undertaken by the Southeastern Wisconsin Regional  
23 Planning Commission, and believes that the regional water supply plan prepared by the  
24 Commission is a sound and valuable guide to the provision of a sustainable water supply not  
25 only for the Southeastern Wisconsin Region, but also for the local community, and that the  
26 adoption of such plan by the Walworth County Board of Supervisors will assure a common  
27 understanding by the units and agencies of government concerned and enable these units and  
28 agencies of government to program the necessary plan implementation work.  
29

30 **NOW, THEREFORE, BE IT RESOLVED** that, pursuant to Section 66.0309(12) of the  
31 Wisconsin Statutes, the Walworth County Board of Supervisors hereby endorses the regional  
32 water supply plan for the Southeastern Wisconsin Region previously adopted by the Commission  
33 as set forth in SEWRPC Planning Report No. 52 as a guide for regional and community water  
34 supply development.  
35

36 **BE IT FURTHER HEREBY RESOLVED** that the clerk transmit a certified copy of this  
37 resolution to the Southeastern Wisconsin Regional Planning Commission and to the Secretary of  
38 the Wisconsin Department of Natural Resources.  
39  
40  
41

42 \_\_\_\_\_  
43 Nancy Russell  
44 County Board Chairperson  
45

\_\_\_\_\_   
Kimberly S. Bushey  
County Clerk

**Resolution No.**

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25 only for the Southeastern Wisconsin Region, but also for the local community, and that the  
26 adoption of such plan by the Walworth County Board of Supervisors will assure a common  
27 understanding by the units and agencies of government concerned and enable these units and  
28 agencies of government to program the necessary plan implementation work.  
29

30 **NOW, THEREFORE, BE IT RESOLVED** that, pursuant to Section 66.0309(12) of the  
31 Wisconsin Statutes, the Walworth County Board of Supervisors hereby endorses the regional  
32 water supply plan as it applies to Walworth County ~~for the Southeastern Wisconsin Region~~ as  
33 previously adopted by the Commission as set forth in SEWRPC Planning Report No. 52 as a  
34 guide for regional and community water supply development.  
35

36 **BE IT FURTHER HEREBY RESOLVED** that the clerk transmit a certified copy of this  
37 resolution to the Southeastern Wisconsin Regional Planning Commission and to the Secretary of  
38 the Wisconsin Department of Natural Resources.  
39  
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42 \_\_\_\_\_  
43 Nancy Russell  
44 County Board Chairperson  
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\_\_\_\_\_   
Kimberly S. Bushey  
County Clerk

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4 **WHEREAS**, the Southeastern Wisconsin Regional Planning Commission, which was duly  
5 created by the Governor of the State of Wisconsin in accordance with Section 66.0309(2) of the  
6 Wisconsin Statutes on the 8th day of August 1960, upon petition of the Counties of Kenosha,  
7 Milwaukee, Ozaukee, Racine, Walworth, Washington, and Waukesha, has the function and duty  
8 of making and adopting a master plan for the physical development of the Region; and  
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10 **WHEREAS**, the Southeastern Wisconsin Regional Planning Commission, pursuant to its  
11 function and duty as a regional planning agency has prepared and adopted at its meeting held on  
12 the 1st day of December 2010, a regional water supply plan as set forth in a report entitled,  
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21 **WHEREAS**, Walworth County has supported, participated in the financing of, and generally  
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23 Planning Commission, and believes that the regional water supply plan prepared by the  
24 Commission is a sound and valuable guide to the provision of a sustainable water supply not  
25 only for the Southeastern Wisconsin Region, but also for the local community, and that the  
26 adoption of such plan by the Walworth County Board of Supervisors will assure a common  
27 understanding by the units and agencies of government concerned and enable these units and  
28 agencies of government to program the necessary plan implementation work.  
29

30 **NOW, THEREFORE, BE IT RESOLVED** that, pursuant to Section 66.0309(12) of the  
31 Wisconsin Statutes, the Walworth County Board of Supervisors hereby endorses the regional  
32 water supply plan for the Southeastern Wisconsin Region, with special emphasis on the  
33 Walworth County portion of the plan, as previously adopted by the Commission as set forth in  
34 SEWRPC Planning Report No. 52 as a guide for regional and community water supply  
35 development.  
36

37 **BE IT FURTHER HEREBY RESOLVED** that the clerk transmit a certified copy of this  
38 resolution to the Southeastern Wisconsin Regional Planning Commission and to the Secretary of  
39 the Wisconsin Department of Natural Resources.  
40  
41  
42

43 \_\_\_\_\_  
44 Nancy Russell  
45 County Board Chairperson

\_\_\_\_\_   
Kimberly S. Bushey  
County Clerk

**Walworth County Land Conservation Committee Review of Proposed Sanitary  
Sewer Amendment  
April 25, 2011**

**Sewerage District Petitioning Amendment:**

The Walworth County Metropolitan Sewerage District for the Sanitary Sewer Service Area of The City of Elkhorn (See attached SEWRPC letters and SEWRPC preliminary draft review of the proposed amendment)

**Location and Size of Proposed Amendment:**

A 168-acre parcel of land proposed to be added to the Elkhorn sanitary sewer service area, located in the North 1/2 of Section 30 Town 3 North, Range 17 East in the Town of LaFayette. Tax parcel #'s K LF3000002 and K LF3000003. (See attached location and aerial maps)

**Proposed Use:**

Approximately 9 acres of the 168 acre site will be used for the location of two new municipal wells and a new water supply treatment facility. There are no disclosed plans for the remainder of the parcel at this time. The City of Elkhorn comprehensive plan designates this area for future low density residential development.

**Relationship of the Proposed Amendment to Adopted Land Use Plans:**

**A. Land Use Plan for Walworth County:**

The County Land Use Plan designates approximately 149 acres, inclusive of road right of way, as Prime Agricultural Land and 19 acres as Secondary Environmental Corridor. The non-shoreland area of parcel # K LF3000003 is within the Extraterritorial Zoning Jurisdiction of the City of Elkhorn. Both parcels are currently zoned A-1. (See Attached Extraterritorial Zoning Area Map)

**B. Land Use Plan for the Town of LaFayette:**

The Town Land Use Plan designates approximately 149 acres, inclusive of road right of way, as Prime Agricultural Land and 19 acres as Secondary Environmental Corridor.

**C. Future Land Use Plan for the City of Elkhorn:**

The City of Elkhorn Future Land Use Plan designates this area as Low Density Residential and approximately 19 acres as Environmental Corridor.

**D. Park and Open Space Plan for Walworth County:**

The Park and Open Space Plan designates this area as Prime Agricultural Land and Secondary Environmental Corridor.

The Park and Open Space Plan for Walworth County calls for the preservation of most, but not all, of the identified prime agricultural lands in Walworth County. Open space land, including some agricultural land, provides the necessary reserve for the expansion of urban areas. Those areas that may be classified as prime agricultural land but are envisioned to be in urban use by the plan design year have been termed "transition areas".

Under the plan, the conversion of prime agricultural land to urban use would be limited to that absolute minimum necessary to meet urban development needs in Walworth County.

The Park and Open Space Plan recommends that areas identified as Secondary Environmental Corridor be preserved and protected in natural open space uses through public land use regulation and, in urban areas, as necessary through public acquisition for urban stormwater detention areas, associated drainageways, or urban parks.

**E. Natural Areas and Critical Species Habitat Protection  
And Management Plan:**

No identified natural areas or critical species habitat within subject site.

**F. Transportation Plan:**

No identified transportation facility projects on subject site.

**Relationship of the Proposed Amendment to Other  
Resource Inventories**

**A. Wisconsin Wetland Inventory:**

There are a number of small wetland areas within the Shoreland Zoning Area and Secondary Environmental Corridor. There is also a small wetland area straddling the west property boundary line on Parcel # K LF 3000003. (See Attached DNR Wetland Map)

**B. FEMA Floodplain Maps:**

There is an area of Zone A Special Flood Hazard Area located within the Shoreland Zoning Area and Secondary Environmental Corridor. (See Attached FEMA Flood Hazard Map and Map Legend)

**C. Abandoned Landfill Inventory**

No DNR identified abandoned landfill areas within subject site.

COPY

# SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

W239 N1812 ROCKWOOD DRIVE • PO BOX 1607 • WAUKESHA, WI 53187-1607 • TELEPHONE (262) 547-6721  
FAX (262) 547-1103

Serving the Counties of: KENOSHA  
MILWAUKEE  
OZAUKEE  
RACINE  
WALWORTH  
WASHINGTON  
WAUKESHA



March 25, 2011

Ms. Karla Rose Eggink, P.E.  
Administrator  
Walworth County Metropolitan  
Sewerage District  
975 W. Walworth Avenue  
Delavan WI 53115

Dear Ms. Eggink:

By letter dated March 7, 2011, the Walworth County Metropolitan Sewerage District (WalCoMet) requested that the Regional Planning Commission amend the currently adopted Elkhorn sanitary sewer service area tributary to the WalCoMet sewage treatment facility. That area is currently documented in SEWRPC Community Assistance Planning Report No. 56 (2nd Edition), *Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin*, dated November 1991, as amended. The basic purpose of the amendment would be to include within the planned Elkhorn sewer service area certain lands located immediately adjacent to, but outside, the currently adopted sewer service area.

Pursuant to that request, the Commission staff has now completed a draft of a SEWRPC staff memorandum documenting the proposed amendment. Ten copies of the memorandum entitled, "Response to Request by the Walworth County Metropolitan Sewerage District to Amend the Elkhorn Sanitary Sewer Service Area," are enclosed for your review and consideration prior to the public hearing which has been scheduled for April 12, 2011, at 1:30 p.m. at the WalCoMet offices located at 975 W. Walworth Avenue, Delavan, Wisconsin. The record of the public hearing will be kept open for written comments until April 29, 2011. By copy of this letter, this draft memorandum is being transmitted to all parties concerned for review and comment prior to the public hearing.

The following is a suggested agenda for the public hearing:

1. Call to order and statement of the purpose and format for the hearing – WalCoMet representative;
2. Introduction of public officials present at the hearing – WalCoMet representative;
3. Briefing on the amendment to the Elkhorn sanitary sewer service area – SEWRPC representative;
4. Comments and questions from those in attendance; and
5. Hearing adjournment.

**RECEIVED**

MAR 28 2011

CORPORATION COUNSEL  
WALWORTH COUNTY

6

Ms. Karla Rose Eggink, P.E.

March 25, 2011

Page 2

Since there are no formal statutory requirements concerning this public hearing, we would suggest that you follow the procedures normally used in providing public notice. We would also ask that you arrange to take minutes of the hearing.

Subsequent to the hearing, WalCoMet and the Regional Planning Commission will jointly consider comments made at the public hearing and all written comments received through April 29, 2011, and agree upon any necessary changes to the staff memorandum.

Upon its adoption by the District, the staff memorandum would be considered by the Regional Planning Commission as a formal amendment to the regional water quality management plan. The amendment would then be transmitted to the Wisconsin Department of Natural Resources for approval.

Should you have any questions, please do not hesitate to call.

Sincerely,

Kenneth R. Yunker, P.E.

Executive Director

KRY/WJS/JPS/lgh

#156547 v1 - Elkhorn SSA 2011 Amendment transmittal of draft

Enclosure (#156359)

cc: Mr. Howie Reynolds, Mayor, City of Elkhorn (enclosure)  
Mr. Sam Tapson, Administrator, City of Elkhorn (enclosure)  
Mr. Terry Weter, Director of Public Works, City of Elkhorn (enclosure)  
Mr. Michael Cotter, Director, Walworth County Land Use and Resource Management Dept. (enclosure)  
Mr. Daniel Cooper, Chairman, Town of LaFayette (enclosure)  
Ms. Fran Keally, Program Assistant, Wisconsin Department of Natural Resources (enclosure)  
Mr. James D'Antuono, Basin Supervisor, Wisconsin Department of Natural Resources (enclosure)  
Mr. John Hammen, Acting Regional Director, Southeast Region, Wisconsin Department of Natural Resources (enclosure)

PRELIMINARY DRAFT

AMENDMENT TO THE

**REGIONAL WATER QUALITY  
MANAGEMENT PLAN**

**WALWORTH COUNTY  
METROPOLITAN SEWERAGE  
DISTRICT/ELKHORN SANITARY  
SEWER SERVICE AREA**

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

JUNE 2011

## SEWRPC STAFF MEMORANDUM

### RESPONSE TO REQUEST BY THE WALWORTH COUNTY METROPOLITAN SEWERAGE DISTRICT TO AMEND THE ELKHORN SANITARY SEWER SERVICE AREA

#### INTRODUCTION AND BACKGROUND

By letter dated March 7, 2011, the Walworth County Metropolitan Sewerage District (WalCoMet) requested that the Southeastern Wisconsin Regional Planning Commission amend the Elkhorn sanitary sewer service area as that area is currently documented in SEWRPC Community Assistance Planning Report No. 56 (2nd Edition), *Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin*, dated November 1991, as amended. The basic purpose of the amendment would be to include within the planned sewer service area certain lands located immediately adjacent to, but outside, the currently adopted sewer service area.

#### AREA DESCRIPTION

The area proposed to be added to the Elkhorn sanitary sewer service area encompasses 168 acres located in the north half of U.S. Public Land Survey Section 30, Township 3 North, Range 17 East, in the Town of LaFayette in Walworth County (see Map 1). The subject area includes about 19 acres of land identified as secondary environmental corridors; about 146 acres of agricultural and other open land, including a farmstead; and about three acres of road right-of-way. Initially, portions of the subject area, encompassing about nine acres, would be developed for utility use—including two new municipal wells and a new water supply treatment facility. Under the City of Elkhorn comprehensive plan, the remainder of the subject area is designated for future development as low density residential. There are no immediate plans for residential development in the area. It is estimated that if developed for residential use in accordance with the City's comprehensive plan, the subject area would accommodate about 300 housing units, with an estimated population of 700 persons.

A more detailed delineation of the revised sewer service area and the environmentally significant lands within is shown on the aerial photograph reproduced as Map 2. The environmentally significant lands shown on Map 2 have been revised to reflect the most recent available natural resource base information and 2010 aerial photography.

#### RELATIONSHIP OF THE PROPOSED CHANGE TO THE EXISTING SANITARY SEWER SERVICE AREA

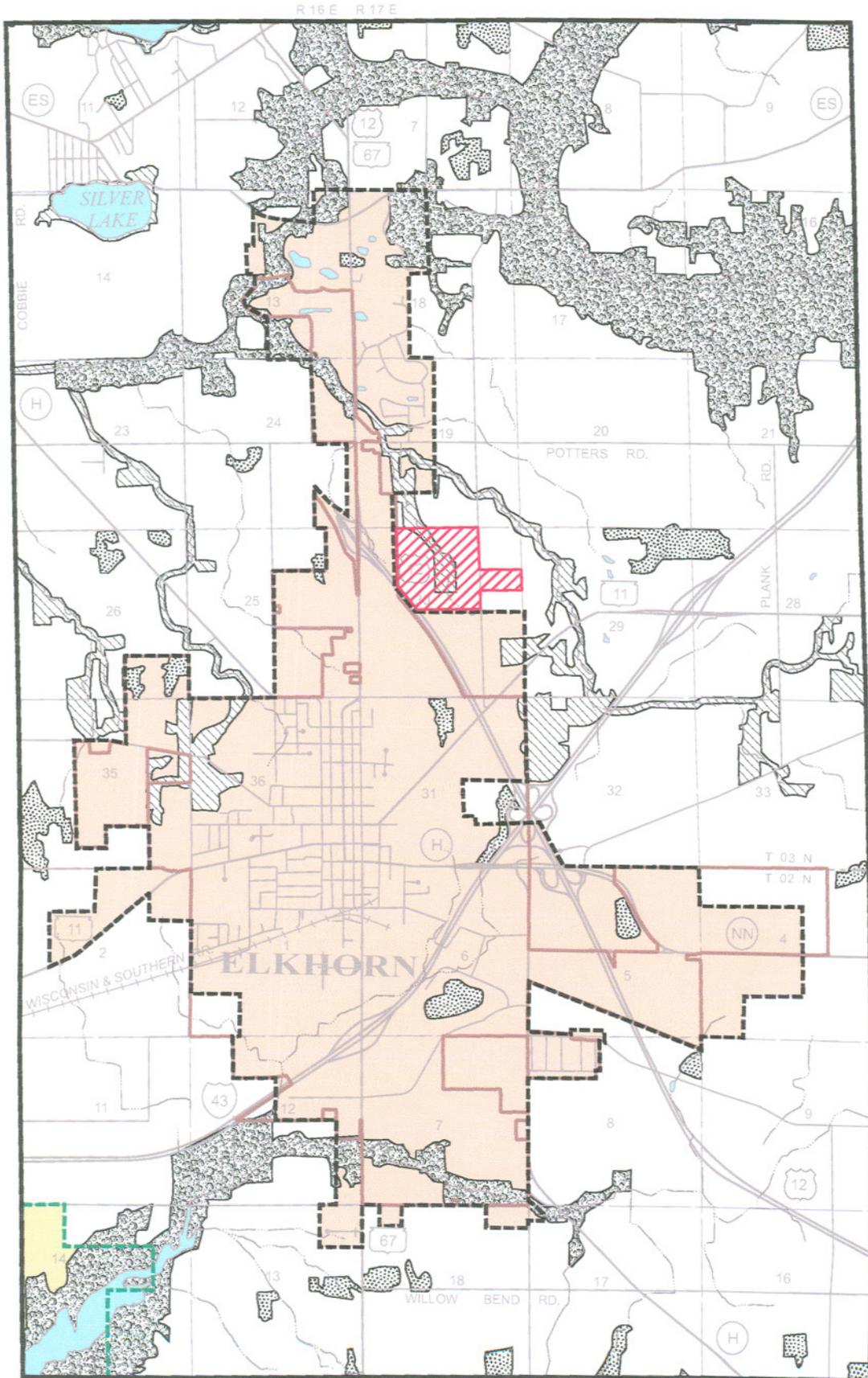
The proposed addition of 168 acres to the Elkhorn sanitary sewer service area represents an increase in the planned sewer service area of about 2.6 percent. As noted above, under full development conditions envisioned in the City comprehensive plan, the subject area would accommodate a resident population of about 700 persons. Including the subject parcel, the expanded Elkhorn sanitary sewer service area would accommodate an estimated resident population of about 16,100 persons. This lies within the projected year 2035 population range of 14,900 persons to 20,300 persons for the Elkhorn sewer service area embodied in the adopted regional land use plan.

#### WATER QUALITY IMPACTS

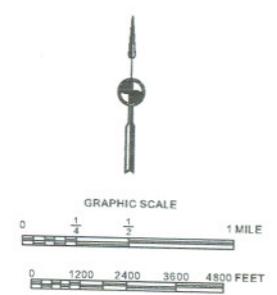
Under the adopted regional water quality management plan and the Elkhorn sanitary sewer service area plan, it is envisioned that all urban development within the planned urban service area would receive sanitary sewer service. Assuming that all applicable Federal, State, and local permits are obtained and that proper site development and construction practices are employed, there should be no significant adverse water quality impacts attributable to the development of the planned sanitary sewer service area.

Map 1

PROPOSED AMENDMENT TO THE ELKHORN SANITARY SEWER SERVICE AREA



-  PRIMARY ENVIRONMENTAL CORRIDOR
-  SECONDARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREAS
-  CURRENTLY ADOPTED ELKHORN SANITARY SEWER SERVICE AREA
-  ELKHORN SANITARY SEWER SERVICE AREA BOUNDARY
-  DELAVAN SANITARY SEWER SERVICE AREA
-  AREA PROPOSED TO BE ADDED TO THE ELKHORN SANITARY SEWER SERVICE AREA



Source: SEWRPC.

**SEWAGE TREATMENT PLANT CAPACITY IMPACT ANALYSIS**

Wastewater from the Elkhorn area is treated at the WalCoMet wastewater treatment facility located in the City of Delavan. The WalCoMet wastewater treatment plant has a hydraulic design capacity of 7.0 million gallons per day (mgd) on an average annual basis. The current hydraulic loading to the plant is about 3.7 mgd on an average annual basis. The wastewater flow that would be generated in the area proposed to be added to the Elkhorn sewer service area may be expected approximate about 0.09 mgd on an average annual basis, under fully development conditions. Thus the treatment plant has capacity to serve the subject addition to the sewer service area.

**PUBLIC REACTION TO THE PLAN AMENDMENT**

*( to be written after the public hearing )*

**CONCLUDING RECOMMENDATION**

*( to be written after the public hearing )*

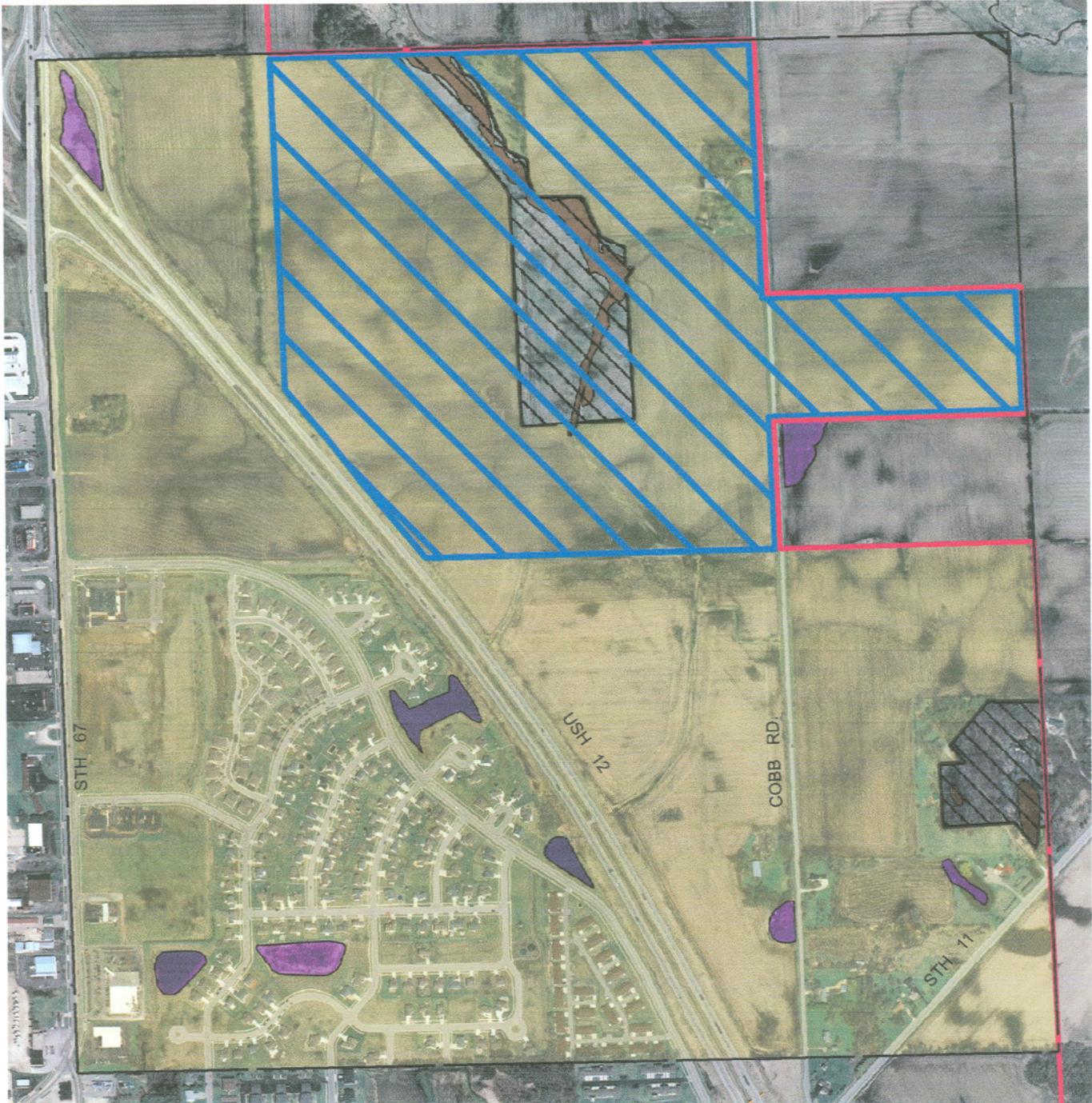
\* \* \*

WJS  
156359

Map 2

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE CITY OF ELKHORN

U.S. Public Land Survey Section 30  
Township 3 North, Range 17 East



Photography Date: April 2010

-  SECONDARY ENVIRONMENTAL CORRIDOR
-  WETLANDS AND SURFACE WATER AREAS LESS THAN FIVE ACRES IN SIZE LOCATED OUTSIDE ENVIRONMENTAL CORRIDORS AND ISOLATED NATURAL RESOURCE AREAS
-  PLANNED SANITARY SEWER SERVICE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY

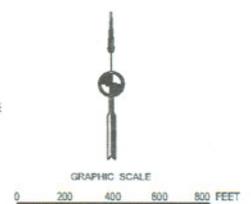
-  LANDS PROPOSED TO BE ADDED TO THE SANITARY SEWER SERVICE AREA

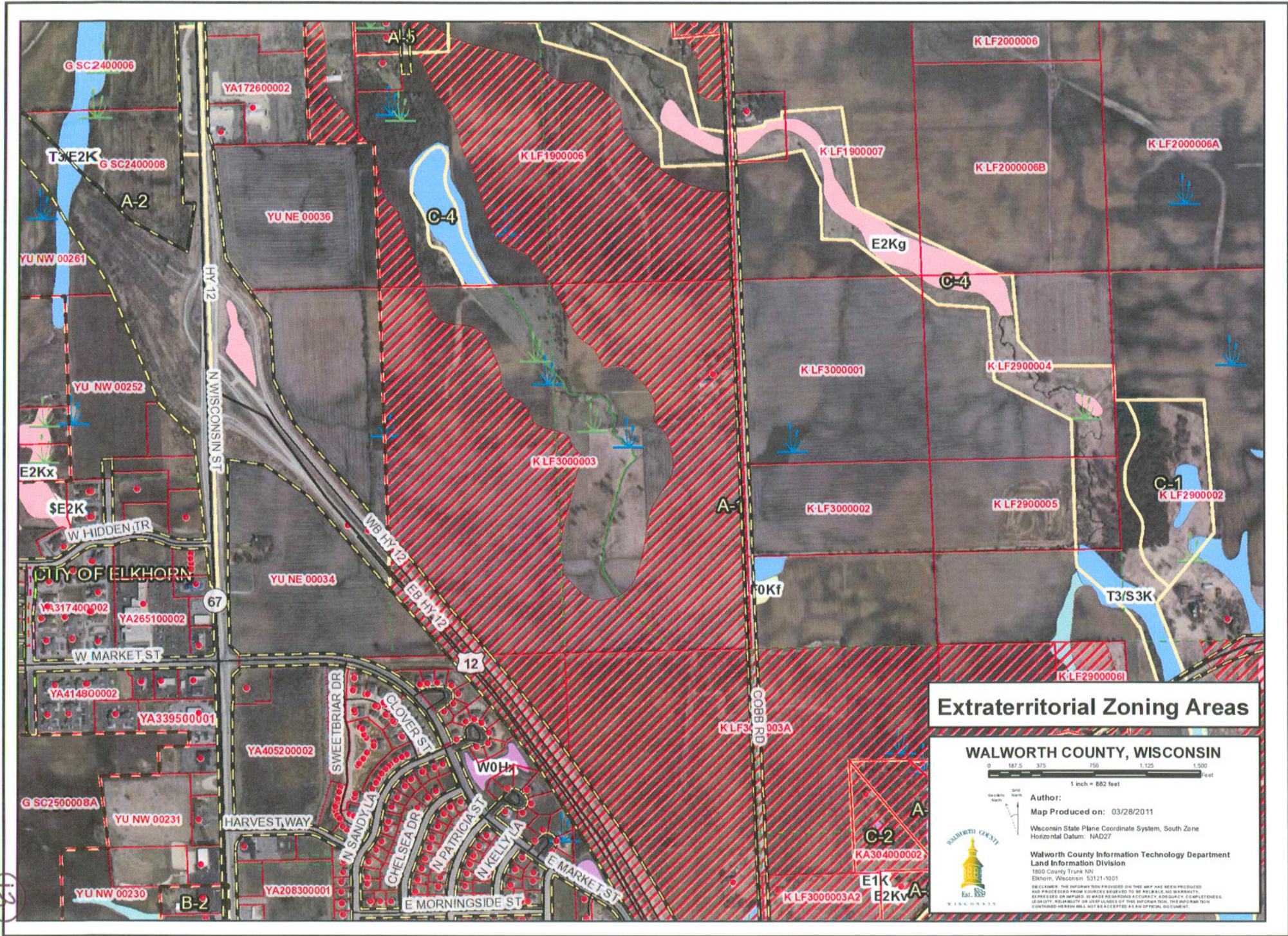
**RESTRICTIONS ON SEWERED DEVELOPMENT**

-  PORTIONS OF SECONDARY ENVIRONMENTAL CORRIDORS AND ISOLATED NATURAL RESOURCE AREAS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA WHICH ARE COMPRISED OF WETLANDS, FLOODLANDS, SHORELANDS, AND STEEP SLOPES: THE EXTENSION OF SEWERS TO SERVE NEW DEVELOPMENT IN THESE AREAS IS NOT PERMITTED.

NOTE: This map replaces a portion Map 9, page 15, of Amendment to the Regional Water Quality Management Plan, Walworth County Metropolitan Sewerage District/Elkhorn Sanitary Sewer Service Area, March 1995.

Source: SEWRPC.





## Extraterritorial Zoning Areas

### WALWORTH COUNTY, WISCONSIN



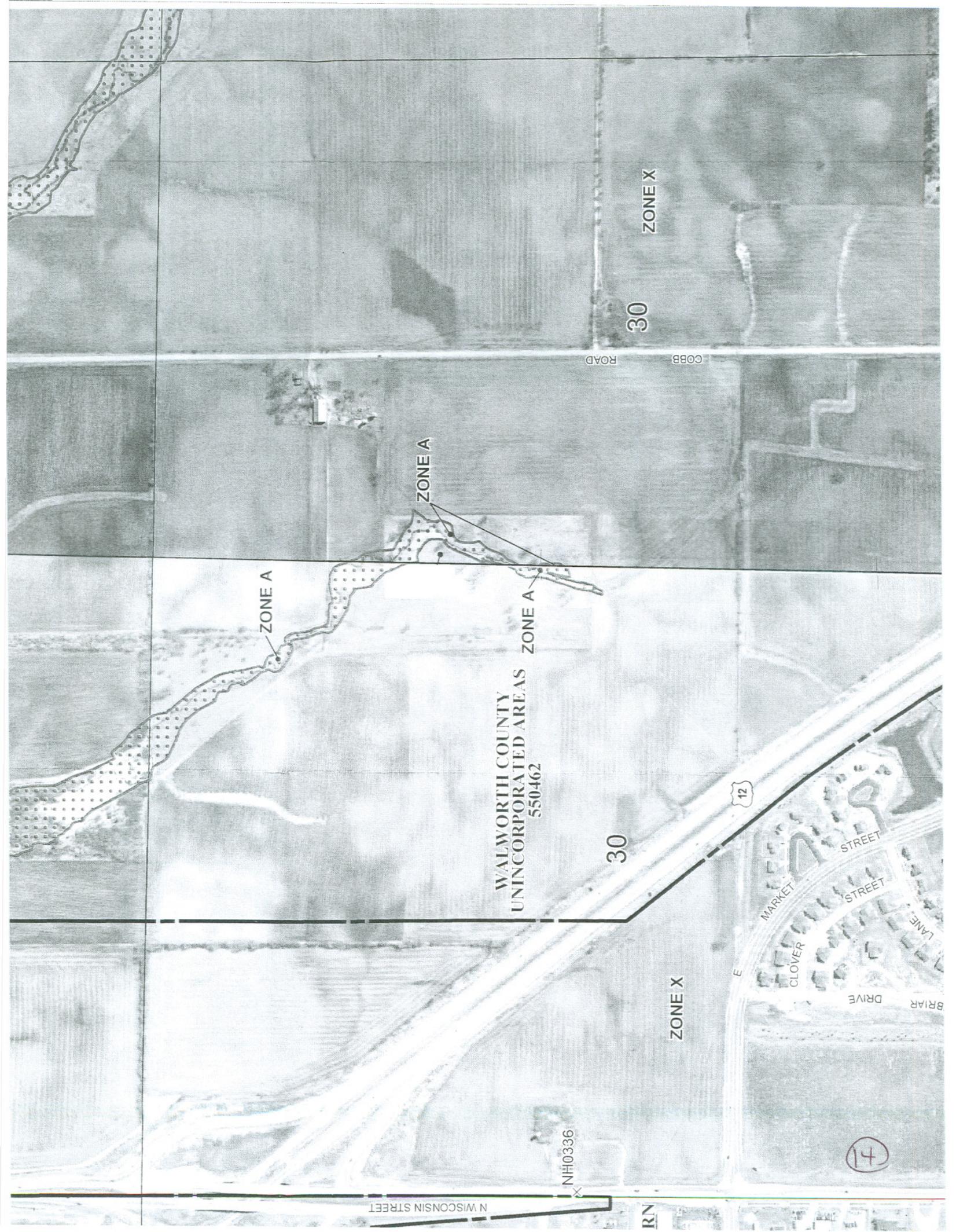
Author:  
Map Produced on: 03/28/2011

Wisconsin State Plane Coordinate System, South Zone  
Horizontal Datum: NAD27

Walworth County Information Technology Department  
Land Information Division  
1802 County Trunk Hwy  
Elkhorn, Wisconsin 53121-1001

DISCLAIMER: THE INFORMATION PROVIDED ON THIS MAP HAS BEEN PREPARED AND PROCESSED FROM SOURCES BELIEVED TO BE RELIABLE, NO WARRANTY IS MADE OR IMPLIED, BE MADE REGARDING A CURACU, AN QUALITY, COMPLETENESS, ACCURACY, RELIABILITY OR USEFULNESS OF THIS INFORMATION. THE INFORMATION CONTAINED HEREIN WILL NOT BE ACCEPTED AS AN OFFICIAL DOCUMENT.





ZONE X

30

COBB ROAD

ZONE A

ZONE A

ZONE A

WALWORTH COUNTY  
UNINCORPORATED AREAS  
550462

30

ZONE X

12

MARKET STREET

CLOVER STREET

BRIAR LANE

DRIVE

NH0336

N WISCONSIN STREET

RN

14

# LEGEND



## SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A

No Base Flood Elevations determined.

ZONE AE

Base Flood Elevations determined.

ZONE AH

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO

Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR

Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99

Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V

Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE

Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.



## FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.



## OTHER FLOOD AREAS

ZONE X

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.



## OTHER AREAS

ZONE X

Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D

Areas in which flood hazards are undetermined, but possible.



## COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS



## OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.



1% annual chance floodplain boundary



0.2% annual chance floodplain boundary



Floodway boundary



Zone D boundary



CBRS and OPA boundary



Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.



Base Flood Elevation line and value; elevation in feet\*

(EL 987)

Base Flood Elevation value where uniform within zone; elevation in feet\*

\* Referenced to the North American Vertical Datum of 1988 (NAVD 88)



Cross section line

15



COPY

# SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

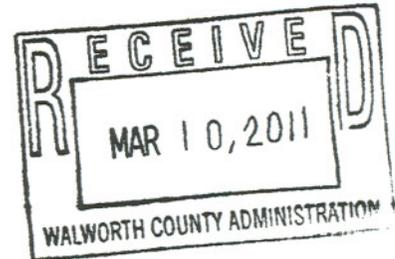
W239 N1812 ROCKWOOD DRIVE • PO BOX 1607 • WAUKESHA, WI 53187-1607 • TELEPHONE (262) 547-6721  
FAX (262) 547-1103

March 9, 2011

Serving the Counties of:

KENOSHA  
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WALWORTH  
WASHINGTON  
WAUKESHA

Chairman and Members of the Board of Supervisors  
of the County of Walworth  
c/o Ms. Kimberly S. Bushey, County Clerk  
Walworth County  
100 West Walworth Street  
P.O. Box 1001  
Elkhorn, WI 53121



Dear Chairman and Members of the Walworth County Board:

In accordance with Section 66.0309(10) of the *Wisconsin Statutes*, the Southeastern Wisconsin Regional Planning Commission is hereby providing to you a certified copy of the SEWRPC Amendment to the Natural Areas and Critical Species Habitat Protection and Management Plan for the Southeastern Wisconsin Region. A copy of Commission Resolution No. 2010-19 adopting this plan as a guide for the physical development of the Region is bound in the front of this report. The report documents an amendment to an important element of the evolving comprehensive plan for the physical development of the Region—a plan for the long-term protection of natural areas, critical species habitats, and significant geological sites for the seven-county Southeastern Wisconsin Region.

It is respectfully requested that, upon the recommendation of the Walworth County Land Conservation Committee, the County Board endorse this important plan element, and direct integration of the findings and recommendations of the plan amendment into ongoing County activities related to natural resource management, open space provisions, and land use development.

County endorsement of this regional plan amendment is important to help assure a common understanding among the municipalities within the Region—as well as among special purpose units of government, various State and Federal agencies of government, and private conservation organizations involved—concerning the protection and management of the natural areas and critical species habitats of the Region.

If the Commission or its staff can be of assistance to the County in its consideration of this plan element, please do not hesitate to call upon us. Such assistance could include Commission staff presentations of the plan and its specific recommendations to appropriate County Board staff and committees.

Sincerely,

David L. Stroik  
Chairman

DLS/DMR/dad  
#155228 v1 - Res No. 2010-19 Ltr to Walworth County  
Enclosure

cc: Mr. David A. Bretl  
Mr. Michael P. Cotter



## MEMO

**Date:** March 25, 2011

**To:** Walworth County Land Conservation Committee

**From:** Staff  
Walworth County Land Use and Resource Management Department

**Re:** *Amendment to the Natural Areas and Critical Species Habitat Protection and Management Plan for Southeastern Wisconsin, (SEWRPC, 2009)*

Land Use and Resource  
Management

---

In 1998, the Walworth County Board of Supervisors adopted, the *Natural Areas and Critical Species Habitat Protection and Management Plan for Southeast Wisconsin* prepared by Southeastern Wisconsin Regional Planning Commission, (SEWRPC). This Plan identified the most important remaining natural areas, critical species habitat sites, aquatic areas, geologic areas, and archaeological features in the 7-County Southeastern Wisconsin Region, including Walworth County.

The Southeastern Wisconsin Regional Planning Commission published and adopted an *Amendment to the Natural Areas and Critical Species Habitat Protection and Management Plan for Southeast Wisconsin* on December 1, 2009.

Walworth County **Natural Areas** represent areas where pre-European-settlement vegetative conditions have been documented. Some of these sites support endangered, threatened, or rare plant and animal species. The Natural Areas have been classified into three categories: "NA-1" a site of statewide or greater significance; "NA-2" a site of county-wide or regional significance; and "NA-3" a site of local significance. The inventory published in the *Amended Plan* documents the locations of 82 natural areas in Walworth County.

**Critical Species Habitat Sites** are defined as those tracts of land or water, not situated within a designated Natural Area, which support one or more endangered, threatened or rare plant or animal species, as defined by state or federal agencies. The inventory of Critical Species Habitat Sites published in the *Amended Plan* documents the locations of 39 sites in Walworth County.

A Map and Reference Key of Walworth County Natural Areas and Critical Species Habitat Sites are attached to this Memo.

The protection and preservation of these special places in Walworth County has been recognized in the County-adopted: 1) *Land and Water Resource Management Plan*; 2) the *County Park and Open Space Plan*; 3) the *Multi-jurisdictional Comprehensive Plan for Walworth County: 2035*; and (4) the *Farmland Preservation Plan Up-date, (Draft)*. The protection of the Walworth County sites cataloged in *The Natural Areas and Critical Species Habitat Protection and Management Plan for Southeast Wisconsin* is recognized and considered as proposals for development within the jurisdiction of Walworth County are advanced.

The *Amended Plan* also documents the location of 2 archeological sites and 15 significant geological sites in Walworth County.

The *Amended Plan* acknowledges the proposed Hack-Ma-Tack Natural Wildlife Refuge. This proposed refuge includes parts of the Towns of Bloomfield and Linn, Walworth County, areas in Counties of Kenosha and Racine, and the Counties of McHenry and Lake, Illinois. The primary conservation goal of this proposed National Refuge is to reestablish a relatively large tract of grasslands and forest interiors.

Attachments.

100 West Walworth Street  
P. O. Box 1001  
Elkhorn, WI 53121  
Conservation Division  
262-741-4972 tel  
262-741-4973 fax

**Resolution No. \*\* – month/year**  
**AMENDING THE REGIONAL NATURAL AREAS AND CRITICAL SPECIES  
HABITAT PROTECTION AND MANAGEMENT PLAN FOR SOUTHEASTERN  
WISCONSIN**

1 Moved/Sponsored by: Land Conservation Committee  
2

3 **WHEREAS**, the Southeastern Wisconsin Regional Planning Commission (SEWRPC) was duly  
4 created by the Governor of the State of Wisconsin in accordance with Section 66.945 of the  
5 Wisconsin Statutes on the 8<sup>th</sup> day of August 1960, upon petition of the Counties of Kenosha,  
6 Milwaukee, Ozaukee, Racine, Walworth, Washington, and Waukesha; and  
7

8 **WHEREAS**, the Southeastern Wisconsin Regional Planning Commission (SEWRPC) has the  
9 function and duty of making and adopting a master plan for the physical development of  
10 Southeastern Wisconsin Region; and  
11

12 **WHEREAS**, the Southeastern Wisconsin Regional Planning Commission, at a meeting held on  
13 the 10<sup>th</sup> day of September, 1997, duly adopted *The Natural Areas And Critical Species Habitat  
14 Protection And Management Plan for Southeastern Wisconsin*, as documented in SEWRPC  
15 Planning Report No. 42; and  
16

17 **WHEREAS**, the Walworth County Board of Supervisors, at a meeting on the 13<sup>th</sup> of January  
18 1998, adopted *The Natural Areas And Critical Species Habitat Protection And Management  
19 Plan For Southeastern Wisconsin*, as documented in SEWRPC Planning Report No 42; and  
20

21 **WHEREAS**, under the direction of the Technical Advisory Committee, the SEWRPC staff  
22 completed an *Amendment to the to The Natural Areas And Critical Species Habitat Protection  
23 And Management Plan For Southeastern Wisconsin*; and  
24

25 **WHEREAS**, the Southeastern Wisconsin Regional Planning Commission has:  
26

- 27 1. Collected, compiled, processed and analyzed various types of natural areas, critical  
28 species habitat sites, geological and archaeological features in the Region, including  
29 Walworth County.  
30
- 31 2. Updated the locations and descriptions of additional natural areas, critical species  
32 habitat sites, geological and archeological features in the Region, including Walworth  
33 County.  
34
- 35 3. Adopted, on the 1<sup>st</sup> day of December 2010, *An Amendment to the to The Natural  
36 Areas And Critical Species Habitat Protection And Management Plan For Southeastern  
37 Wisconsin*.  
38

39 **WHEREAS**, the Walworth County Board of Supervisors believes that the *Amendment to the to  
40 The Natural Areas And Critical Species Habitat Protection And Management Plan For  
41 Southeastern Wisconsin* prepared by the Southeastern Regional Planning Commission will be a





**Resolution No. \*\* – month/year**  
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AMENDMENT TO THE

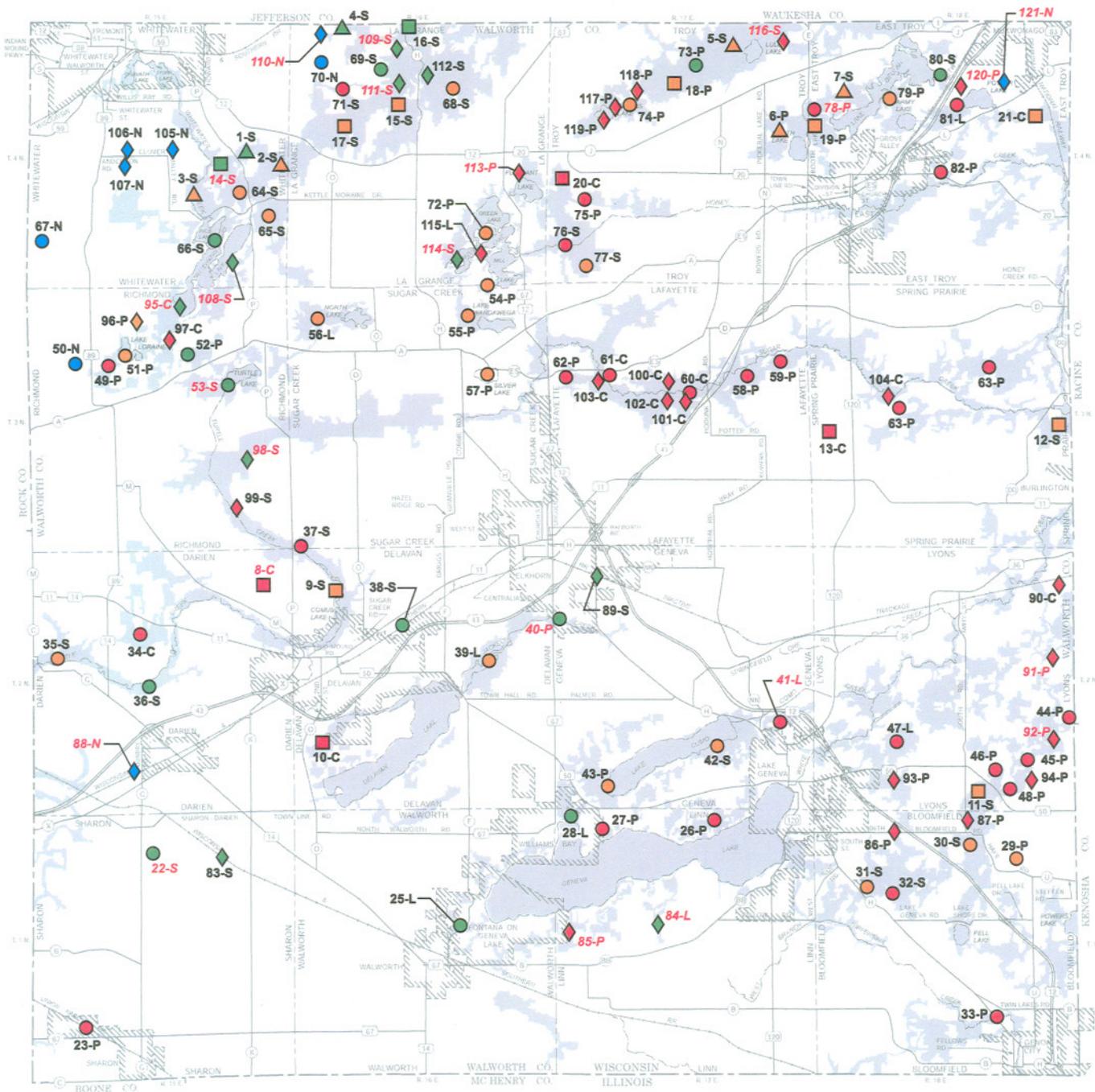
# NATURAL AREAS AND CRITICAL SPECIES HABITAT PROTECTION AND MANAGEMENT PLAN FOR THE SOUTHEASTERN WISCONSIN REGION



AS ADOPTED BY THE  
SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

DECEMBER 2010

PLAN RECOMMENDATIONS FOR NATURAL AREAS AND CRITICAL SPECIES HABITATS IN WALWORTH COUNTY



CURRENT STATUS AND PLAN RECOMMENDATION	NA-1 SITE	NA-2 SITE	NA-3 SITE	CRITICAL SPECIES HABITAT
ENTIRELY UNDER PROTECTIVE OWNERSHIP/ PROTECTIVE OWNERSHIP TO BE RETAINED	▲	■	●	◆
PARTIALLY UNDER PROTECTIVE OWNERSHIP/ REMAINDER OF SITE TO BE ACQUIRED	▲	■	●	◆
NOT UNDER PROTECTIVE OWNERSHIP/ ENTIRE SITE TO BE ACQUIRED	(NONE)	■	●	◆
NOT UNDER PROTECTIVE OWNERSHIP/ TO BE PRESERVED, TO EXTENT PRACTICABLE WITHOUT PROTECTIVE OWNERSHIP	(NONE)	(NONE)	●	◆

RECOMMENDED OWNERSHIP KEY:  
 S-STATE GOVERNMENT  
 C-COUNTY GOVERNMENT  
 L-LOCAL GOVERNMENT  
 P-PRIVATE CONSERVANCY ORGANIZATION  
 N-NO PROTECTIVE OWNERSHIP  
 RECOMMENDED

27-SITE REFERENCE NUMBER  
 (SEE TABLE 41)

22-NEWLY IDENTIFIED SITE REFERENCE NUMBER  
 (SEE TABLE 41)

PRIMARY ENVIRONMENTAL  
 CORRIDORS



Source: SEWRPC.

26

**Map 34 Reference Key**  
**WALWORTH COUNTY**

Map 34 Reference Number	Area Name
1	Bluff Creek Fens
2	Bluff Creek Woods
3	Clover Valley Fen State Natural Area
4	Young Prairie State Natural Area
5	Lulu Lake and Eagle Spring Lake Wetland Complex and Adjacent Uplands
6	Pickerel Lake Fen State Natural Area
7	Beulah Bog State Natural Area
8	Voskuil Dry Prairie
9	Comus Lake Wetland Complex
10	Delavan Prairie Fen
11	Lake Ivanhoe Fen and Sedge Meadow
12	Honey Lake Marsh and Sedge Meadow
13	Spring Prairie Fen
14	Bluff Creek Prairie
15	Muir Oak Woods and Duffin Road Fen
16	Kestol Dry Prairie
17	LaGrange Oak Woods
18	Upper Mukwonago River Wetland Complex
19	Swan Lake Wetland Complex
20	Adams Lake Fen and Marsh
21	Thiede Road Tamarack Swamp
22	CTH C Lowland
23	Salt Box Road Railroad Prairie
25	Fontana Prairie and Fen
26	Wychwood
27	Peninsula Woods
28	Williams Bay Lowlands
29	Hafs Road Marsh
30	Lake Ivanhoe Sedge Meadow
31	Bloomfield Sedge Meadow and Tamarack Relict
32	Pell Lake Railroad Prairie
33	Bloomfield Prairie
34	Darien Oak Woods
35	Turtle Creek Sedge Meadow and Fen
36	Creek Road Fen
37	CTH P Sedge Meadow
38	Marsh Road Railroad Prairie
39	Lake Lawn Wetland Complex
40	Jackson Creek Wetlands
41	Oak Hill Cemetery
42	Warbler Trail Wetlands
43	Lake Como Wetlands
44	Tri-County Tamarack Swamp
45	Peterson Fen
46	Cranberry Road Bog
49	Lake Geneva Tamarack Relict
48	Ivanhoe Creek Fen
49	Lake Loraine Woods—East
50	Lake Loraine Woods—West
51	Lake Loraine Marsh
52	Lake No. 10
53	Turtle Lake Fen
54	Baywood Road Sedge Meadow
55	Lake Wandawega Marsh
56	North Lake Marsh
57	Silver Lake
58	Pallottine Maple Woods
59	Granzeau Woods
60	Sugar Creek Fens, Springs, and Sedge Meadow

Map 34 Reference Number	Area Name
61	Sugar Creek Wetlands
62	Abells Corners Sedge Meadow and Tamarack Relict
63	Spring Prairie Lowlands
64	Lone Tree Trail Oak Woods
65	Whitewater Oak Woods
66	Rice Lake Dry Prairie
67	Rock Shrub-Fen
68	Nordic Trail Oak Woods
69	SkoPONONG (Duffin Road) Prairie
70	Big Spring Road Prairie
71	Connelly Fen
72	Island Woods
73	Crooked Creek Sedge Meadow
74	Doyles Lake Wetlands
75	Lein's Road Fen
76	Honey Creek Fen
77	Troy Fen
78	East Troy Bog
79	Army Lake Lowlands
80	East Troy Tamaracks
81	Potter Lake Tamaracks
82	Hilburn Sedge Meadow
83	Railroad Lowland
84	Town of Linn Park
85	Lyons Woods
86	Section 5 Marsh and Pond
87	Townline Pond
88	Darien Railroad Prairie Remnant
89	Eikhorn Railroad Prairie Remnant
90	White River Railroad Prairie
91	Roden Oak Woods
92	Seno Oak Opening
93	Radio Station Wetland
94	Peterson Property
95	Whitewater Lake Island
96	Unnamed Wetland
97	Lake Number 10 Open Woods
98	Turtle Valley Wildlife Area
99	Island Road Shrub-Carr
100	Sugar Creek Woods—North
101	Sugar Creek Woods—South
102	Sugar Creek Wet Woods
103	Abells Corners Fen
104	Hargraves Road Sedge Meadow
105	Mills Road Prairie
106	Anderson Road
107	Island Road Prairie
108	Whitewater Lake Island Woods
109	Emerson Esker Prairie
110	Bennett Dry Prairie
111	Duffin Road Dry Prairie
112	LaGrange Campground
113	Juniper Knoll Camp Woods
114	Middle Lake Sedge Mat
115	Lauderdale Lakes Woods
116	Horn Dry Prairie
117	Harmony Hills Savanna
118	Doyles Lake Prairie
119	Camp Timberlee
120	Anderson Bog
121	Eastwood Estates Woods

Note: Gaps in reference numbers are due to those numbers being used on post-public hearing Map 43 in Section 10.

**New Number**

Source: SEWRPC.