

**AMENDMENT TO THE
REGIONAL WATER QUALITY
MANAGEMENT PLAN--2000**

VILLAGE OF PEWAUKEE

**AS ADOPTED BY THE
SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION**

MARCH 1991

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REGIONAL PLANNING COMMISSION**

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Leland H. Kreblin, RLS Chief Planning Illustrator
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Thomas D. Patterson Graphics Systems Manager
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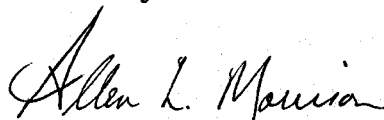
KENOSHA
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SUBJECT: Certification of Amendment to the Adopted Regional Water Quality Management Plan (Pewaukee Sanitary Sewer Service Area)

TO: The Legislative Bodies of Concerned Local Units of Government Within the Southeastern Wisconsin Region, namely: the County of Waukesha, the City of Brookfield, the Village of Pewaukee, and the Town of Pewaukee

This is to certify that at the quarterly meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Racine County Highway and Office Building, Ives Grove, Wisconsin, on the 6th day of March 1991, the Commission did by unanimous vote by all Commissioners present, being 19 ayes and 0 nays, and by appropriate Resolution, a copy of which is made a part hereof and incorporated by reference to the same force and effect as if it had been specifically set forth herein in detail, adopt an amendment to the regional water quality management plan, which plan was originally adopted by the Commission on the 12th day of July 1979, as part of the master plan for the physical development of the Region. The said amendment to the regional water quality management plan pertains to the proposed Pewaukee sanitary sewer service area and consists of the documents attached hereto and made a part hereof. Such action taken by the Commission is recorded on, and is a part of, said plan, and the plan as amended is hereby transmitted to the constituent local units of government for consideration, adoption, and implementation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and cause the Seal of the Southeastern Wisconsin Regional Planning Commission to be hereto affixed. Dated at the City of Waukesha, Wisconsin, this 7th day of March 1991.



Allen L. Morrison, Vice-Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:



Kurt W. Bauer, Deputy Secretary

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RESOLUTION NO. 91-4

RESOLUTION OF THE SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION AMENDING THE ADOPTED REGIONAL WATER QUALITY MANAGEMENT PLAN, THAT PLAN BEING A PART OF THE MASTER PLAN FOR THE PHYSICAL DEVELOPMENT OF THE REGION COMPRISED OF THE COUNTIES OF KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WALWORTH, WASHINGTON, AND WAUKESHA IN THE STATE OF WISCONSIN (PEWAUKEE SANITARY SEWER SERVICE AREA)

WHEREAS, pursuant to Section 66.945(10) of the Wisconsin Statutes, the Southeastern Wisconsin Regional Planning Commission, at a meeting held on the 12th day of July 1979, duly adopted a regional water quality management plan as documented in the three-volume SEWRPC Planning Report No. 30, A Regional Water Quality Management Plan for Southeastern Wisconsin: 2000; and

WHEREAS, at a meeting held on the 17th day of June 1985, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the Pewaukee portion of the sanitary sewer service area attendant to the Brookfield sewage treatment plant as documented in SEWRPC Community Assistance Planning Report No. 113, Sanitary Sewer Service Area for the Town of Pewaukee Sanitary District No. 3, Lake Pewaukee Sanitary District, and Village of Pewaukee, Waukesha County, Wisconsin; and

WHEREAS, at a meeting held on the 1st day of December 1986, the Commission duly adopted a further amendment to the regional water quality management plan refining and detailing the Pewaukee portion of the sanitary sewer service area attendant to the Brookfield sewage treatment plant, as documented in Amendment to the Regional Water Quality Management Plan—2000, City of Waukesha/Town of Pewaukee, December 1986, to effect an exchange of land from the Waukesha sewer service area to the Pewaukee sewer service area; and

WHEREAS, on October 24, 1990, the Village Board of the Village of Pewaukee requested that the Commission further amend the Pewaukee sanitary sewer service area to include lands located adjacent to, but outside, the adopted sewer service area; and

WHEREAS, the proposed amendment to the regional water quality management plan is documented in a Commission staff memorandum entitled, "Response to Request by the Village of Pewaukee to Amend the Pewaukee Sanitary Sewer Service Area," attached hereto and made a part hereof, which memorandum concludes that the plan amendment requested by the Village of Pewaukee is sound and in the public interest; and

WHEREAS, Section 66.945(9) of the Wisconsin Statutes authorizes and empowers the Regional Planning Commission, as the work of making the whole master plan progresses, to amend, extend, or add to the master plan or carry any part or subject thereof into greater detail;

NOW, THEREFORE, BE IT HEREBY RESOLVED:

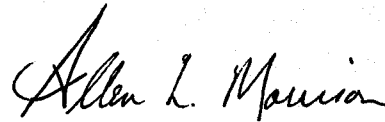
FIRST: That the regional water quality management plan for the Southeastern Wisconsin Region, being a part of the master plan for the physical development of the Region and comprised of SEWRPC Planning Report No. 30, Volumes One, Two, and Three, which was adopted by the Commission as a part of the master plan on the 12th day of July 1979, which was amended on the 17th day of June 1985 to include the initial refined Pewaukee sanitary sewer service area attendant to the Brookfield sewage treatment plant as set forth in SEWRPC Community Assistance Planning Report No. 113, and which was further amended on the 1st day of December 1986 to effect an exchange of land from the Waukesha sewer service area to the Pewaukee sewer service area, as documented in Amendment to the Regional Water Quality Management Plan—2000, City of Waukesha/Town of Pewaukee,

December 1986, be and the same hereby is amended in the manner identified on Map 2 of the
aforereferenced SEWRPC staff memorandum.

SECOND: That the Executive Director is authorized to submit findings to the Wisconsin Department
of Natural Resources and the Wisconsin Department of Industry, Labor and Human Relations that
public and private sanitary sewer extensions necessary to serve the anticipated development on the
lands concerned are in conformance with, and would serve to implement, the adopted regional water
quality management plan as herein amended.

THIRD: That a true, correct, and exact copy of this resolution, together with the aforereferenced
SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of
the local governmental units within the Region entitled thereto and to such other bodies, agencies,
or individuals as the law may require or as the Commission, its Executive Committee, or its Executive
Director, at their discretion, shall determine and direct.

The foregoing resolution, upon motion duly made and seconded, was regularly adopted at the meeting
of the Southeastern Wisconsin Regional Planning Commission held on the 6th day of March 1991,
the vote being: Ayes 19; Nays 0.



Allen L. Morrison, Vice-Chairman

ATTEST:



Kurt W. Bauer, Deputy Secretary

SEWRPC STAFF MEMORANDUM

RESPONSE TO REQUEST BY THE VILLAGE OF PEWAUKEE TO AMEND THE PEWAUKEE SANITARY SEWER SERVICE AREA

INTRODUCTION

By letter dated October 24, 1990, the Village of Pewaukee requested that the Southeastern Wisconsin Regional Planning Commission amend the Pewaukee portion of the sanitary sewer service area attendant to the Brookfield sewage treatment plant as that area is currently documented in SEWRPC Community Assistance Planning Report No. 113, Sanitary Sewer Service Area for the Town of Pewaukee Sanitary District No. 3, Lake Pewaukee Sanitary District, and Village of Pewaukee, Waukesha County, Wisconsin, June 1985, and as amended in, Amendment to the Regional Water Quality Management Plan—2000, City of Waukesha/Town of Pewaukee, December 1986. The basic purpose of the amendment would be to include within the planned Pewaukee sewer service area certain lands located immediately adjacent to the adopted sewer service area.

AREA DESCRIPTION

As shown on Map 1, the area proposed to be added to the Pewaukee sanitary sewer service area encompasses approximately 565 acres, and is located in all, or part of, U. S. Public Land Survey Sections 3, 4, and 10, Township 7 North, Range 19 East, Waukesha County, Wisconsin.

At the present time, the area consists of 133 acres of primary environmental corridor lands; 21 acres of secondary environmental corridor lands; 15 acres of isolated natural area; about 37 acres encompassing 26 single-family housing units and associated farm buildings; and about 20 acres of other urban land uses. The remaining 339 acres consist of agricultural and other open space lands.

It is anticipated that the subject area will be developed primarily for commercial and residential and uses.

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

The revised year 2000 Pewaukee sanitary sewer service area, including the subject area, would encompass about 26.7 square miles and would include about 8.4 square miles of primary environmental corridor, about ~~0.7~~ square mile of secondary environmental corridor, and about ~~0.3~~ square mile of isolated natural area. Thus, about 9.4 square miles, or about 35 percent, of the revised sewer service area would be comprised of environmentally significant lands. The revised overall estimated residential density within the Pewaukee sewer service area would approximate 2.7 housing units per net residential acre. This density lies within the recommended density range for the Pewaukee area of the Region identified in the adopted regional land use and regional water quality management plans. Accordingly, there is no need to remove other undeveloped lands from the planned sewer service area.

rounding error

WATER QUALITY IMPACTS

It is envisioned that all urban lands located within the Pewaukee urban service area, including those planned urban lands located within the subject area, would receive sanitary sewer service. It is also envisioned that all lands identified as primary environmental corridor not be developed for intensive urban use. It is recognized, however, that certain land uses requiring sanitary sewer service could be properly located in the corridors, including park and outdoor recreation facilities, certain institutional uses, and, in some cases, very low density residential development on five-acre lots. Accordingly, assuming proper site development and construction practices, including appropriate soil erosion control practices, and compatible development within primary and secondary environmental corridors, isolated natural areas, or lands adjacent to such areas, there should be no significant adverse water quality impacts attributable to the development of the subject area.

COST EFFECTIVENESS ANALYSIS

The lands in question lie immediately adjacent to the currently approved Pewaukee sanitary sewer service area. The adjacent sewer service area is tributary to the Village of Pewaukee sewerage system, which is connected by trunk sewer to the City of Brookfield sewage treatment plant. The existing Village of Pewaukee sewer system is located about 0.6 mile from the subject area and the sewer system segment which has capacity to receive the sewage expected to be generated from the subject area is located about 1.0 mile from the area. The nearest other public sanitary sewer system is located about two miles away and would entail crossing largely undeveloped land. Consequently, no further detailed analyses were deemed to be required to conclude that the subject area would be sewered most cost-effectively through the Village of Pewaukee sewerage system.

SEWAGE TREATMENT PLANT CAPACITY IMPACT ANALYSIS

The City of Brookfield sewage treatment plant has a capacity to treat 10 million gallons of wastewater on an average daily basis. The current loading to the plant is under 7.0 million gallons per day (mgd). The anticipated sewage flow to be generated in the area proposed to be added to the Pewaukee sewer service area is just under 0.5 mgd upon full development. In addition, the City of Brookfield has initiated facility planning for a plant expansion and upgrading which will expand the plant capacity to the size needed in the year 2010. The loadings to be utilized for facility planning purposes will include contributions from the entire Pewaukee sewer service area, including the subject area which is recommended to be added to the service area. Thus, the current and planned future capacity of the Brookfield sewage treatment plant includes provision for the area proposed to be added to the Pewaukee sewer service area.

PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on February 18, 1991, at the Pewaukee Village Hall to receive public comment on, and reaction to, the plan amendment. The hearing was sponsored jointly by the Village of Pewaukee and the Regional Planning Commission. A summary of the minutes of the public hearing is presented in Appendix A.

A review of the hearing record indicates that one substantive concern was raised. In a letter dated February 18, 1991, the Town of Pewaukee stated their objection to the inclusion of Town lands within the area proposed to be added to the Pewaukee sanitary sewer service area and requested that those lands be removed from the proposed plan amendment. In accord with this request, the Village Board of the Village of Pewaukee, on February 19, 1991, adopted a resolution amending the Pewaukee sewer service area which, as shown on Map 2, excludes approximately 157 acres of Town land from the originally proposed addition to the Pewaukee sewer service area.

POST-PUBLIC HEARING SEWER SERVICE AREA

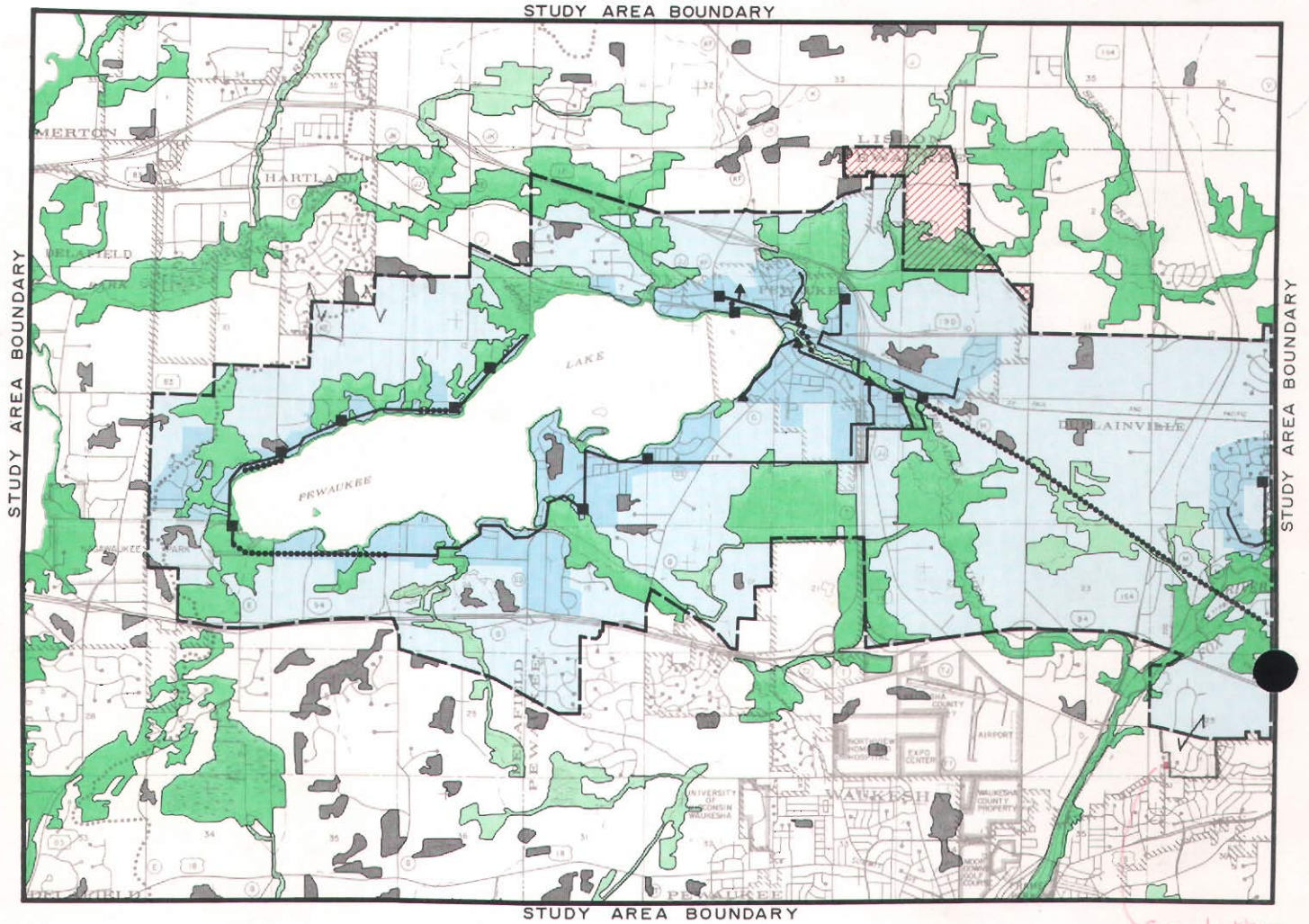
The final revised year 2000 Pewaukee sanitary sewer area would encompass about 26.5 square miles and would include about 8.3 square miles of primary environmental corridor, about 0.7 square mile of secondary environmental corridor, and about 0.3 square mile of isolated natural area. Thus, about 9.3 square miles, or about 35 percent, of the revised sewer service area would be comprised of environmentally significant lands. The revised overall estimated residential density within the Pewaukee sewer service area would approximate 2.8 housing units per net residential acre. This density lies within the recommended density range for the Pewaukee area of the Region as identified in the adopted regional land use and regional water quality management plans.

CONCLUDING RECOMMENDATION












Based upon the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the sanitary sewer service area as documented in the aforementioned SEWRPC Community Assistance Planning Report No. 113 in the manner identified in Map 2. A more detailed delineation of the revised sewer service area and of the environmentally significant lands therein is shown on an aerial photograph reproduced as Map 3.

Map 2

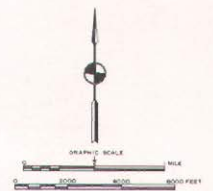
POST-PUBLIC HEARING RECOMMENDED REVISION TO THE PEWAUKEE SANITARY SEWER SERVICE AREA



LEGEND

- | | | | |
|---|--|---|---|
|  | PRIMARY ENVIRONMENTAL CORRIDOR |  | EXISTING TRUNK SEWER |
|  | SECONDARY ENVIRONMENTAL CORRIDOR |  | EXISTING FORCE MAIN |
|  | ISOLATED NATURAL AREA |  | EXISTING PUMPING STATION |
|  | NET SANITARY SEWER SERVICE AREA (EXISTING) |  | EXISTING LIFT STATION |
|  | NET SANITARY SEWER SERVICE AREA (2000) |  | LANDS TO BE ADDED TO THE PEWAUKEE SANITARY SEWER SERVICE AREA |
|  | GROSS SANITARY SEWER SERVICE AREA BOUNDARY | | |

See letter of 7-11-91

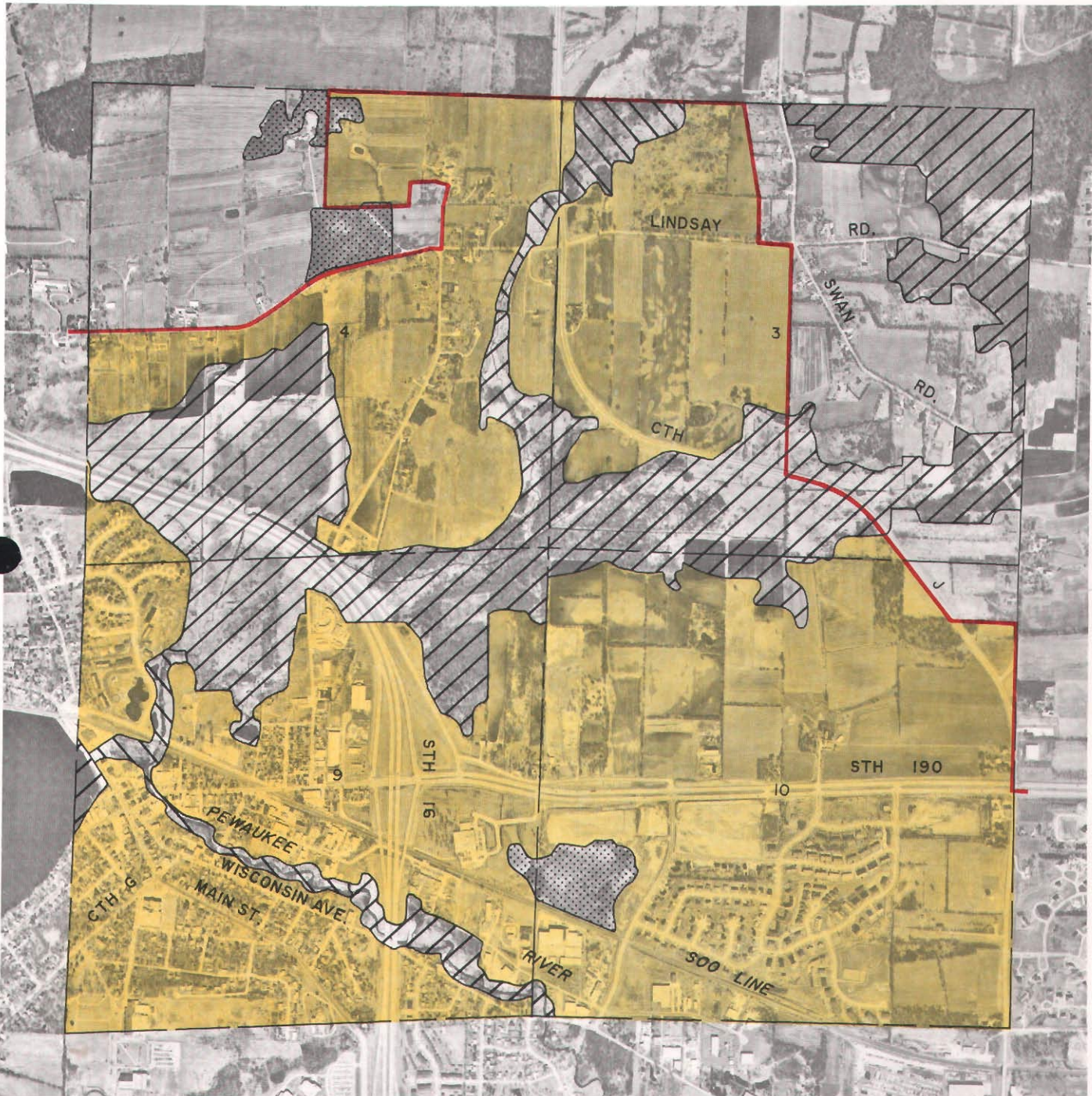


Source: SEWRPC.






Map 3

ENVIRONMENTALLY SIGNIFICANT LANDS AND
PLANNED SANITARY SEWER SERVICE AREA
FOR PEWAUKEE AND ENVIRONS

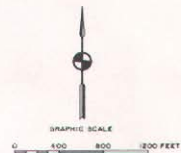
U. S. Public Land Survey Sections 3, 4, 9, and 10
Township 7 North, Range 19 East



LEGEND

-  PRIMARY ENVIRONMENTAL CORRIDOR
-  SECONDARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL AREA
-  PLANNED SANITARY SEWER SERVICE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY

NOTE: This map replaces Map 8-9, page 34, SEWRPC Community Assistance Planning Report No. 113, Sanitary Sewer Service Area for the Town of Pewaukee Sanitary District No. 3, Lake Pewaukee Sanitary District, and Village of Pewaukee, Waukesha County, Wisconsin.



Source: SEWRPC.

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APPENDICES

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Appendix A

MINUTES OF PUBLIC HEARING

Sanitary Sewer Service Area for the Village of Pewaukee
February 18, 1991

Village of Pewaukee
Public Works Committee
February 18, 1991

Public hearing on request to amend the year 2000 sanitary sewer service area for the Village of Pewaukee

The Village of Pewaukee requested that the SEWRPC consider amending the year 2000 sanitary sewer service area to include about 565 acres of land in Section 3, 4, and 10.

These lands are generally in the vicinity of CTH "J," Lindsay Road, and the Lisbon town line.

The Regional Planning Commission has completed a staff memorandum recommending amending the existing sanitary sewer service area.

This public hearing was held to solicit public comment regarding the Village's request.

Bruce Rubin, representing the SEWRPC, was present and explained the proposal and reviewed the staff memorandum.

A letter was received from the Town attorney expressing concern for the inclusion of Town lands in the proposed service area amendment.

No other comments were received.

The public hearing was closed at 7:38 p.m.