



AMENDMENT TO THE
REGIONAL WATER QUALITY
MANAGEMENT PLAN--2000

TOWN OF SALEM

AS ADOPTED BY THE
SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

JUNE 1991

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SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

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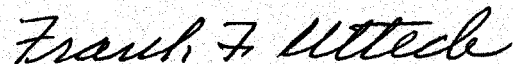
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SUBJECT: Certification of Amendment to the Adopted Regional Water Quality Management Plan (Salem Sanitary Sewer Service Area)

TO: The Legislative Bodies of Concerned Local Units of Government Within the Southeastern Wisconsin Region, namely: the County of Kenosha, and the Town of Salem

This is to certify that at the annual meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Washington County Courthouse, West Bend, Wisconsin, on the 19th day of June 1991, the Commission did by unanimous vote by all Commissioners present, being 15 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 sanitary sewer service area for the Town of Salem 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 20th day of June 1991.



Frank F. Uttech, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:



Kurt W. Bauer, Deputy Secretary

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RESOLUTION NO. 91-9

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 (SALEM 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 3rd day of March 1986, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the Salem sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 143, Sanitary Sewer Service Area for the Town of Salem Utility District No. 2, Kenosha County, Wisconsin, February 1986; and

WHEREAS, on April 11, 1991, the Town of Salem requested that the Commission amend the Salem 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 Town of Salem to Amend the Town of Salem Utility District No. 2 Sanitary Sewer Service Area," attached hereto and made a part hereof, which memorandum concludes that the plan amendment requested by the Town of Salem 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:

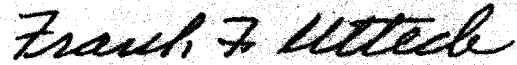
FIRST: That the regional water quality management plan for the Southeastern Wisconsin Region, being a part of the master plan for the physical development of the Region and comprised of SEWRPC Planning Report No. 30, Volumes One, Two, and Three, which was adopted by the Commission as a part of the master plan on the 12th day of July 1979, and which was amended on the 3rd day of March 1986 to include the initial refined Salem sanitary sewer service area, as set forth in SEWRPC Community Assistance Planning Report No. 143, be and the same hereby is amended in the manner identified on Map 1 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 19th day of June 1991, the vote being: Ayes 15; Nays 0.



Frank Uttech, Chairman

ATTEST:



Kurt W. Bauer, Deputy Secretary

SEWRPC STAFF MEMORANDUM

RESPONSE TO REQUEST BY THE TOWN OF SALEM TO AMEND THE TOWN OF SALEM UTILITY DISTRICT NO. 2 SANITARY SEWER SERVICE AREA

INTRODUCTION

By letter dated April 11, 1991, Graef, Anhalt, Schloemer and Associates Inc., engineering consultants to the Town of Salem, requested on behalf of the Town that the Southeastern Wisconsin Regional Planning Commission amend the Town of Salem Utility District No. 2 sanitary sewer service area as that area is currently documented in SEWRPC Community Assistance Planning Report No. 143, Sanitary Sewer Service Area for the Town of Salem Utility District No. 2, Kenosha County, Wisconsin, February 1986. The basic purpose of the amendment would be to include within the planned Salem 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 Salem sanitary sewer service area encompasses about 99 acres. The subject area is located within portions of U. S. Public Land Survey Sections 25 and 26, Township 1 North, Range 20 East, Town of Salem, Kenosha County, Wisconsin.

At the present time, the subject area includes about four acres encompassing two single-family housing units and associated farm buildings, about 23 acres of primary environmental corridor lands, and about six acres of secondary environmental corridor lands. The remaining 66 acres consist of prime agricultural lands. It is anticipated that the undeveloped lands within the subject area will be developed primarily for residential land uses.

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

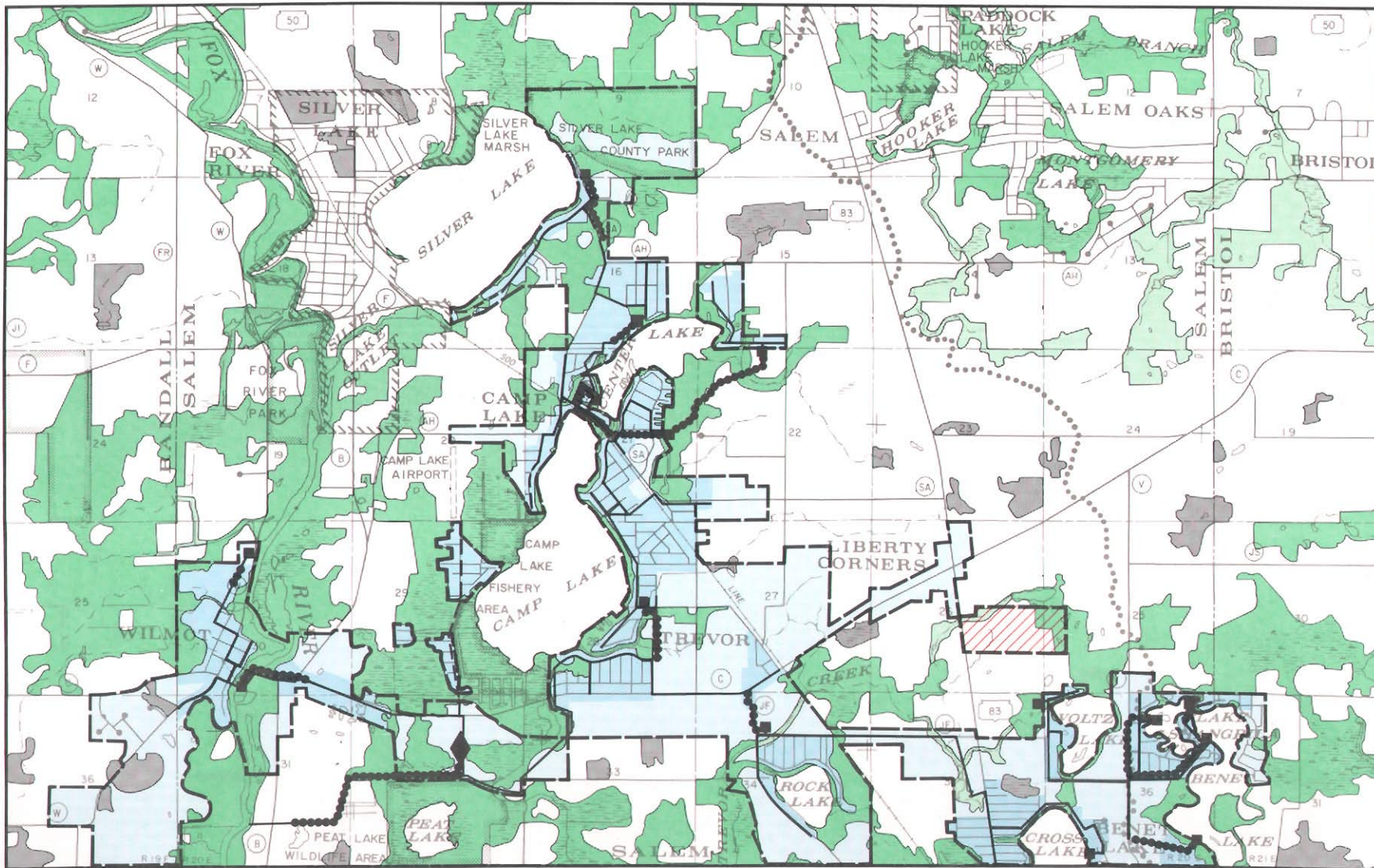
The revised year 2010 Salem sanitary sewer service area, including the subject area, would encompass about 7.2 square miles and would include about 1.6 square miles of primary environmental corridor, less than 0.1 square mile of secondary environmental corridor, and about 0.1 square mile of isolated natural area. Thus, about 1.7 square miles, or about 24 percent, of the revised sewer service area would be comprised of environmentally significant lands. The revised overall estimated residential density within the Salem sewer service area would approximate 2.2 housing units per net residential acre. This density lies within the recommended density range for the Salem area of the Region as identified in the adopted regional land use and regional water quality management plans.

WATER QUALITY IMPACTS













It is envisioned that all urban lands located within the Town of Salem Utility District No. 2 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 the primary and secondary environmental corridors; or lands adjacent to such areas; there should be no significant adverse water quality impacts attributable to the development of the subject area.

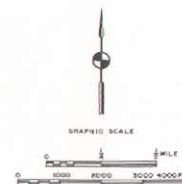
TOWN OF SALEM UTILITY DISTRICT NO. 2 SANITARY SEWER SERVICE AREA

2



LEGEND

- | | | | | | |
|---|--|---|--|---|--|
|  | PRIMARY ENVIRONMENTAL CORRIDOR |  | NET SANITARY SEWER SERVICE AREA (EXISTING) |  | EXISTING LIFT STATION |
|  | SECONDARY ENVIRONMENTAL CORRIDOR |  | NET SANITARY SEWER SERVICE AREA (2000) |  | EXISTING FORCE MAIN |
|  | ISOLATED NATURAL AREA |  | EXISTING SEWAGE TREATMENT FACILITY |  | EXISTING TRUNK SEWER |
|  | GROSS SANITARY SEWER SERVICE AREA BOUNDARY | | |  | EXISTING SEWER PRESSURE SYSTEM |
| | | | |  | LANDS TO BE ADDED TO THE SALEM SANITARY SEWER SERVICE AREA |



COST-EFFECTIVENESS ANALYSIS

The lands in question lie immediately adjacent to the currently approved Town of Salem Utility District No. 2 sanitary sewer service area. The nearest other public sanitary sewer areas—the Salem Utility District No. 1 and the Bristol sewer service areas—are located about 2.0 miles away. These two other service areas are located in the Des Plaines River watershed. The Town of Salem Utility District No. 2 sewer service area and the area proposed to be added to that area are both located in the Fox River watershed. No further detailed analyses were deemed to be required to conclude that the subject area would be sewered most cost-effectively through the public sewers in the Town of Salem Utility District No. 2 sewer service area.

SEWAGE TREATMENT PLANT CAPACITY IMPACT ANALYSIS

The Town of Salem Utility District No. 2 sewage treatment plant has a capacity to treat 1.57 million gallons of wastewater on an average daily basis. The current loading to the plant is about 0.52 million gallons per day (mgd) on an average annual basis, and about 0.63 mgd on a maximum monthly average basis. The anticipated sewage flow to be generated in the area proposed to be added to the Salem sewer service area is estimated to be about 0.05 mgd on an average annual basis, and about 0.08 mgd on a maximum monthly average basis. In addition, the year 2010 planned population level of about 7,700 persons for the entire sewer service area is expected to result in an average daily sewage flow of about 0.97 mgd on an average annual basis and 1.39 mgd on a maximum monthly average basis. Thus, the Town of Salem Utility District No. 2 sewage treatment plant will have the capacity to treat the sewage anticipated from that service area including the proposed additional areas.

There are currently plans being considered to convey sewage from the Town of Salem Utility District No. 1 to the Utility District No. 2 sewage treatment plant. If this connection of the two districts takes place, this could add about 0.27 mgd on an average annual basis, and about 0.40 mgd on a maximum monthly average basis to the Utility District No. 2 sewage treatment plant flows. This may require the Salem Utility District No. 2 to initiate facility planning late in the planning period.

PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on May 30, 1991, at the Salem Town Hall to receive public comment on, and reaction to, the plan amendment. This hearing was sponsored jointly by the Town of Salem and the Regional Planning Commission. A summary of the public hearing minutes is presented in Appendix A of this staff memorandum.

A brief summary of the plan amendment was presented prior to receiving public comment. The rationale behind the refinement and delineation of the adopted sanitary sewer service area tributary to the sewage treatment plant operated by the Town of Salem was discussed, as was the relationship of the proposed plan amendment to the existing sanitary sewer service area. In addition, the significance of the environmentally sensitive lands within the Salem sewer service area and the impact the plan amendment would have on these lands was also discussed. Furthermore, the conclusions of an analysis of the most cost-effective means of providing service to, and the sewage treatment plant capacity impacts attributable to, the plan amendment were discussed.

A review of the hearing minutes indicates that no concerns were raised.

LOCAL GOVERNMENT SUPPORT FOR PLAN AMENDMENT

The lands involved in the plan amendment lie within the Town of Salem. The proposed plan amendment was requested by, and was adopted on May 30, 1991, by the Town Board of the Town of Salem.

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 aforereferenced SEWRPC Community Assistance Planning Report No. 143 in the manner identified in Map 1. 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 2.

Map 2

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE TOWN OF SALEM UTILITY DISTRICT NO. 2 AND ENVIRONS

U. S. Public Land Survey Sections 25, 26, 35, and 36
Township 1 North, Range 20 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 8-14, page 35, SEWRPC Community Assistance Planning Report No. 143, Sanitary Sewer Service Area for the Town of Salem Utility District No. 2, Kenosha County, Wisconsin



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APPENDICES

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Appendix A

MINUTES OF PUBLIC HEARING

**Sanitary Sewer Service Area Amendment for the Town of Salem
May 30, 1991**

The Salem Town Board and the Southeastern Wisconsin Regional Planning Commission (SEWRPC) held a public hearing on Thursday, May 30, 1991 at the Salem Town Hall for the purpose of receiving public comment on and reaction to a proposed amendment to the year 2010 sewer service area plan for the Town of Salem.

Meeting was called to order at 7:00 P.M. by Chairman Boening. In attendance was Supervisors Bloss, Meier, Terry and Tesar. Also attending was Utility District Attorney, John Bjelajac, Utility District Administrator, Peter Wachs and Joseph Cantwell, representative from Engineering Firm, Graef, Anhalt, Schloemer and Associates.

Chairman Boening opened the meeting by reading the "Notice of Public Hearing" for Salem Sanitary Sewer Service Area.

Mr. Bruce Rubin from SEWRPC addressed the Board explaining that the Regional Plan Commission amend the Sanitary Sewer Service area immediately adjacent to the adopted sewer service area. Request to amend the sewer service area by adding approximately 100 acres of land South of County Trunk C and East of State Hwy. 83 to the sewer service area. At present subject area includes approximately 4 acres encompassing a few existing housing units. There are 66 acres of open agricultural lands. About 23 acres in the Eastern portion are identified as primary environmental corridor lands. Another 6 acres in the Northwest portion is secondary environmental corridor land. Anticipated that the land within the subject area will be developed primarily for residential use.

The revised sewer service area including the subject area would encompass about 7.2 square miles if added to the Town of Salem Utility District #2. About 1.7 square miles of the revised area would be environmental lands.

There will be no significant adverse water quality impacts attributable to the development of the subject area assuming there is proper site development and construction practices including proper soil erosion control practices and compatible development within the environmental corridors or adjacent lands.

This plan would be the most cost effective way to service this area as the land in question lies immediately adjacent to the currently approved Town of Salem Utility District #2 sanitary sewer service area.

District #2 currently has capacity to serve these lands.

Chairman Boening asked the Board Members and Public for any comments or questions. There were no questions or comments raised.

Chairman read Resolution #91-5-30 for adoption of A Salem Sewer Service Area Amendment.

Resolution #91-5-30 adopted on a Meier, Terry motion. Motion carried 5-0.

At This time, the Public Hearing was closed.

Minutes submitted by: Antoinette C. Jait Town Clerk