

AMENDMENT TO THE

**REGIONAL WATER QUALITY
MANAGEMENT PLAN**

**CITY OF PEWAUKEE
AND CITY OF WAUKESHA**

AS ADOPTED BY THE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

JUNE 2002

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SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

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SUBJECT: Certification of Amendment to the Adopted Regional Water Quality Management Plan (Pewaukee and Waukesha Sanitary Sewer Service Areas)

TO: The Legislative Bodies of Concerned Local Units of Government within the Southeastern Wisconsin Region, namely: the County of Waukesha, the Cities of Brookfield, Pewaukee, and Waukesha; the Village of Wales; and the Town of Genesee.

This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Washington County Courthouse in West Bend, Wisconsin, on the 19th day of June 2002, the Commission did by unanimous vote of 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. Said amendment to the regional water quality management plan pertains to the revised Pewaukee and Waukesha sanitary sewer service areas 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 2002.

Thomas H. Buestrin, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:

Philip C. Evenson, Deputy Secretary

RESOLUTION NO. 2002-07

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 CONSISTING OF THE COUNTIES OF KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WALWORTH, WASHINGTON, AND WAUKESHA IN THE STATE OF WISCONSIN (PEWAUKEE AND WAUKESHA SANITARY SEWER SERVICE AREAS)

WHEREAS, pursuant to Section 66.0309(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 sanitary sewer service area 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*, June 1985, as amended; and

WHEREAS, at a meeting held on the 3rd day of March 1999, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the Waukesha sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 100 (2nd Edition), *Sanitary Sewer Service Area for the City of Waukesha and Environs, Waukesha County, Wisconsin*, March 1999, as amended; and

WHEREAS, by letter dated March 20, 2002, the City of Pewaukee requested that certain lands be removed from the Pewaukee sanitary sewer service area and added to the Waukesha sanitary sewer service area based on gravity flow design-level analyses and in accordance with a 1997 boundary agreement between the Cities of Pewaukee and Waukesha; and

WHEREAS, by letter dated February 25, 2002, the City of Waukesha requested that the Commission amend the Waukesha sanitary sewer service area to attach to that area the Kettle Moraine High School located in the Village of Wales for the purpose of accepting holding tank wastes from the Kettle Moraine High School at the Waukesha sewage treatment plant; and

WHEREAS, by letter dated April 4, 2002, the City of Waukesha requested that the Commission amend the Waukesha sanitary sewer service area to attach to that area a proposed restaurant located at the intersection of STH 83 and STH 59 in the Town of Genesee for the purpose of accepting holding tank wastes from that site at the Waukesha sewage treatment plant; and

WHEREAS, the provisions of NR 113 of the Wisconsin Administrative Code require that holding tank systems designed to accept at least 3,000 gallons of waste per day be attached to a sewer service area of a public sewage treatment facility; and

WHEREAS, the Kettle Moraine High School and the proposed restaurant each require holding tank systems to accommodate flows in excess of 3,000 gallons of waste per day; and

WHEREAS, the proposed amendment to the regional water quality management plan is documented in a Commission staff memorandum entitled, "Response to Requests by the City of Waukesha and the City of Pewaukee to Amend the Waukesha and Pewaukee Sanitary Sewer Service Areas," attached hereto and made a part hereof; and

WHEREAS, Section 66.0309(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;

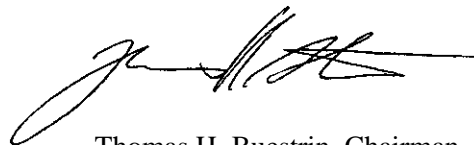
NOW, THEREFORE, BE IT HEREBY RESOLVED:

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 17th day of June 1985 to include the refined Pewaukee sewer service area, as set forth in SEWRPC Community Assistance Planning Report No. 113 as amended; and which was also amended on the 3rd day of March 1999 to include the refined Waukesha sewer service area, as set forth in SEWRPC Community Assistance Planning Report No. 100 (2nd Edition) as amended, 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 Commerce that the holding tanks necessary to serve the Kettle Moraine High School in the Village of Wales and the proposed restaurant in the Town of Genesee, along with the transfer of territory from the Pewaukee sewer service area to the Waukesha sewer service area, are in conformance with, and would serve to implement, the adopted regional water quality management plan as herein amended.

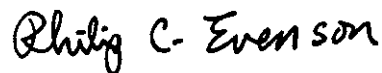
THIRD: That a true, correct, and exact copy of this resolution, together with the aforereferenced SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 2002, the vote being: Ayes 15; Nays 0.



Thomas H. Buestrin, Chairman

ATTEST:



Philip C. Evenson, Deputy Secretary

SEWRPC STAFF MEMORANDUM

RESPONSE TO REQUESTS BY THE CITY OF WAUKESHA AND THE CITY OF PEWAUKEE TO AMEND THE WAUKESHA AND PEWAUKEE SANITARY SEWER SERVICE AREAS

INTRODUCTION AND BACKGROUND

During February-April 2002, the Southeastern Wisconsin Regional Planning Commission received several requests to amend the Waukesha and Pewaukee sanitary sewer service areas. The Waukesha sewer service area plan is currently documented in SEWRPC Community Assistance Planning Report No. 100 (2nd Edition), *Sanitary Sewer Service Area for the City of Waukesha and Environs*, dated March 1999, as amended. The Pewaukee sewer service area plan 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*, dated June 1985, as amended. The purpose of the requested amendments would be: 1) to transfer certain lands currently in the Pewaukee sewer service area to the Waukesha sewer service area; and 2) to include in the Waukesha sewer service area two outlying sites that are to be served by large holding tanks.

THE PROPOSED AMENDMENTS

Transfer of Land from the Pewaukee Sewer Service Area to the Waukesha Sewer Service Area

The proposed transfer of land from the Pewaukee sewer service area to the Waukesha sewer service area represents a refinement of the boundary between those sewer service areas based upon gravity flow design-level analyses. The amendment was initiated by the City of Pewaukee Department of Public Works in a letter to the Regional Planning Commission dated March 20, 2002. The proposed amendment was subsequently endorsed by the City of Waukesha and the City of Brookfield.

Under this proposal, two areas located in the northwest quarter of U.S. Public Land Survey Section 30, Township 7 North, Range 19 East, would be transferred from the Pewaukee service area to the Waukesha service area (see Map 1). The areas would be connected to the Waukesha sewerage system on a gravity flow basis.

The areas proposed to be transferred from the Pewaukee sewer service area to the Waukesha sewer service area together encompass 25 acres of residential land, and include 22 existing dwelling units currently served by onsite sewage disposal systems. There is no developable land within the subject area for additional dwelling units. The proposed amendment would have a negligible impact on the population levels and overall size of the Waukesha and Pewaukee sewer service areas.

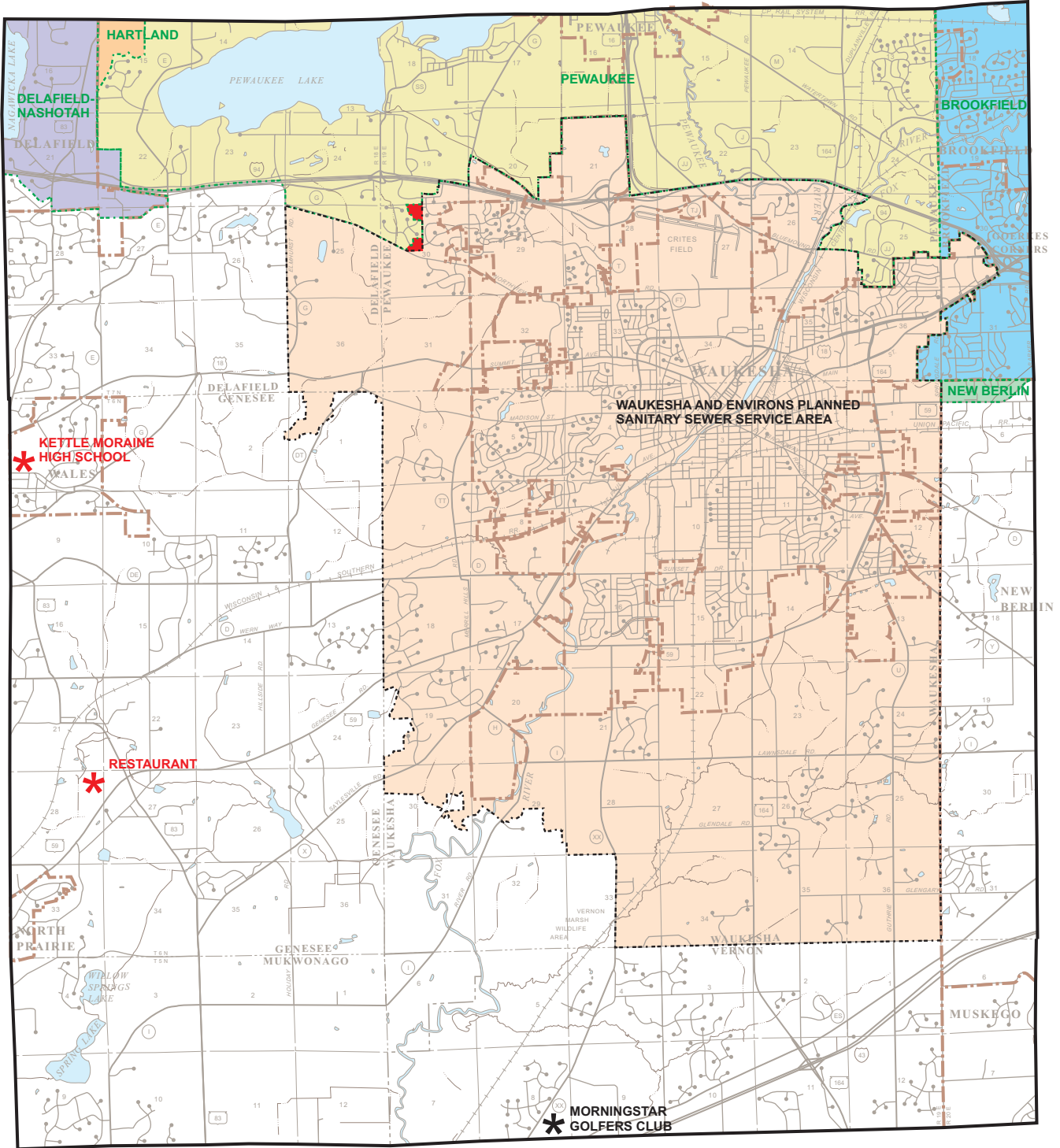
Replacing onsite sewage disposal systems with centralized sewer service may be expected to reduce the pollutant loadings from existing onsite disposal systems to surface and ground waters.




Addition of Sites Served by Large Holding Tanks to the Waukesha Sewer Service Area



In letters to the Commission dated February 25, 2002, and April 4, 2002, the City of Waukesha also requested the inclusion of two outlying sites—the Kettle Moraine High School in the Village of Wales and a restaurant to be located near the intersection of STH 59 and STH 83 in the Town of Genesee—in the Waukesha sewer service area in order to enable the conveyance of wastewater from holding tanks at these sites to the Waukesha sewerage system for treatment and disposal. The request is in compliance with Chapter NR 113 of the *Wisconsin Administrative Code*, which requires that holding tank systems designed to accept 3,000 gallons or more of waste per day be attached to a sewer service area of a public sewage treatment plant which has contracted to accept the waste. The City of Waukesha has agreed to accept wastewater conveyed from these sites.

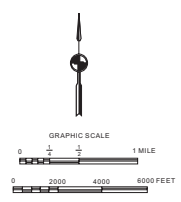
Map 1

RECOMMENDED AMENDMENTS TO THE WAUKESHA AND PEWAUKEE SANITARY SEWER SERVICE AREAS



-  CITY OF WAUKESHA AND ENVIRONS PLANNED SANITARY SEWER SERVICE AREA: 2020
-  OTHER PLANNED SANITARY SEWER SERVICE AREAS
-  AREAS PROPOSED TO BE REMOVED FROM THE PEWAUKEE SEWER SERVICE AREA AND ADDED TO THE WAUKESHA SEWER SERVICE AREA

-  HOLDING TANK SEWAGE DISPOSAL SYSTEM DESIGNED TO ACCEPT AT LEAST 3,000 GALLONS PER DAY – ATTACHED TO THE WAUKESHA SANITARY SEWER SERVICE AREA.
-  HOLDING TANK SEWAGE DISPOSAL SYSTEM DESIGNED TO ACCEPT AT LEAST 3,000 GALLONS PER DAY – PROPOSED TO BE ATTACHED TO THE WAUKESHA SANITARY SEWER SERVICE AREA.



Source: SEWRPC.

The need for a holding tank system to serve Kettle Moraine High School was precipitated by a substantial expansion of the school. The school was previously served by an onsite sewage disposal system.

The site of the proposed restaurant in the Town of Genesee is part of a relatively small, developing commercial node near the intersection of STH 83 and STH 59 in the Town. Currently developed commercial uses in the immediate area are served by onsite sewage disposal systems, whereas the restaurant will generate a quantity of wastewater that could not be adequately treated by such systems. Development of a small commercial node at the intersection of STH 83 and STH 59 is envisioned in the Waukesha County development plan.

SEWAGE TREATMENT PLANT CAPACITY ANALYSIS

The City of Waukesha sewage treatment facility, which was upgraded and expanded in 1994, has a design hydraulic loading capacity of 14.0 million gallons per day (mgd) on an average annual flow basis. The average annual flow rate in 2001 was less than 10.0 mgd. The anticipated sewage flow to be generated from the areas proposed to be added to the Waukesha sewer service area is expected to be about 0.04 mgd on an average annual basis. The sewage treatment plant has specific provisions for accepting septage and holding tank wastes. Thus, the existing treatment plant should have adequate capacity to treat sewage flows from the amended sewer service area.

CONCLUDING RECOMMENDATIONS

Based upon the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the sanitary sewer service areas for the Pewaukee and Waukesha areas as documented in SEWRPC Community Assistance Planning Reports No. 113 and No. 100 (2nd Edition), as amended, in the manner identified on Map 1. A more detailed delineation of the revised sewer service areas located in the northwest quarter of U.S. Public Land Survey Section 30, Township 7 North, Range 19 East, and of the environmentally significant lands within, is shown on an aerial photograph reproduced as Map 2.








Map 2

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREAS FOR THE CITIES OF PEWAUKEE AND WAUKESHA

U.S. Public Land Survey Sections 29, 30, 31, and 32
Township 7 North, Range 19 East



Photography Date: March 2000

- | | | | |
|---|---|---|---|
|  | PRIMARY ENVIRONMENTAL CORRIDOR |  | PLANNED SANITARY SEWER SERVICE AREA |
|  | SECONDARY ENVIRONMENTAL CORRIDOR |  | GROSS SANITARY SEWER SERVICE AREA BOUNDARY |
|  | ISOLATED NATURAL RESOURCE AREA |  | LANDS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA INELIGIBLE FOR SEWER SERVICE |
|  | WETLANDS AND SURFACE WATER AREAS LESS THAN FIVE ACRES IN SIZE | | |

NOTE: This map replaces Map 8-18, page 43, of 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 Map 8-7, page 28, of SEWRPC Community Assistance Planning Report No. 100 (2nd Edition), *Sanitary Sewer Service Area for the City of Waukesha and Environs, Waukesha County, Wisconsin, March 1999*.

Source: SEWRPC.

