

AMENDMENT TO THE

**REGIONAL WATER QUALITY  
MANAGEMENT PLAN**

**CITY OF WAUKESHA/  
VILLAGE OF WALES**

AS ADOPTED BY THE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

SEPTEMBER 2006

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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 (Waukesha 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 Waukesha, the Village of Wales, the Town of Delafield, and the Delafield-Hartland Water Pollution Control Commission

This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Ives Grove Office Complex, Sturtevant, Wisconsin, on the 13th day of September 2006, the Commission did by unanimous vote of all Commissioners present, being 18 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 Waukesha 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 Pewaukee, Wisconsin, this 14th day of September 2006.

Thomas H. Buestrin, Chairman  
Southeastern Wisconsin  
Regional Planning Commission

ATTEST:

Philip C. Evenson, Deputy Secretary

**RESOLUTION NO. 2006-17**

**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 (WAUKESHA SANITARY SEWER SERVICE AREA)**

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 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 July 26, 2006, the City of Waukesha, on behalf of the Village of Wales, requested that the Commission amend the Waukesha and environs sanitary sewer service area to include certain lands located in the Village of Wales; 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 Village of Wales and the City of Waukesha to Amend the Waukesha Sanitary Sewer Service Area," attached hereto and made a part hereof; and

WHEREAS, the requested change to the regional water quality management plan, as documented in the aforementioned staff memorandum, was the subject of a public hearing held jointly by the City of Waukesha and the Regional Planning Commission on August 31, 2006; 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;

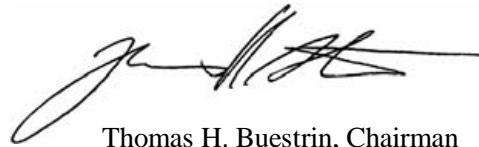
NOW, THEREFORE, BE IT HEREBY RESOLVED:

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 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), be and the same hereby is amended in the manner identified on Map 1 of the aforementioned 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 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.

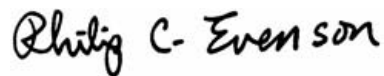
THIRD: That a true, correct, and exact copy of this resolution, together with the aforementioned SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 13th day of September 2006, the vote being: Ayes 18; Nays 0.

A handwritten signature in black ink, appearing to read "Thomas H. Buestrin". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Thomas H. Buestrin, Chairman

ATTEST:

A handwritten signature in black ink, appearing to read "Philip C. Evenson". The signature is cursive and somewhat stylized.

Philip C. Evenson, Deputy Secretary

## SEWRPC STAFF MEMORANDUM

### RESPONSE TO REQUESTS BY THE VILLAGE OF WALES AND THE CITY OF WAUKESHA TO AMEND THE WAUKESHA SANITARY SEWER SERVICE AREA

#### INTRODUCTION

By letter dated July 26, 2006, the City of Waukesha, on behalf of the Village of Wales, requested that the Southeastern Wisconsin Regional Planning Commission amend the Waukesha and environs sanitary sewer service area tributary to the City of Waukesha sewage treatment facility. That area 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 basic purpose of the amendment would be to include within the planned sewer service area certain lands located in the Village of Wales.

#### BACKGROUND

Existing development in the Village of Wales relies on onsite systems and holding tanks for sewage disposal. The regional water quality management plan, as initially adopted by the Commission in 1979, envisioned that the Village of Wales and environs would eventually be served by centralized sanitary sewers tributary to a new wastewater treatment plant recommended to be constructed in the vicinity. An amendment to the regional water quality management plan adopted by the Commission in 2001 eliminated the recommendation for a public wastewater treatment facility in Wales. The amendment recommended that wastewater generated within the Wales area should instead be conveyed to the Delafield-Hartland Water Pollution Control Commission sewage treatment facility.<sup>1</sup>

Recently, the Village of Wales initiated efforts to provide public sanitary sewer service to the central area of the Village. The Village has approved the creation of a tax incremental finance district to help pay for the proposed collection system. The Village has indicated a desire to connect the proposed collection system in the Village to the City of Waukesha sewerage system. The City of Waukesha has agreed in concept to adding lands in the Village of Wales to its sewer service area.

It should be noted that wastewater from holding tanks at the Kettle Moraine High School in the Village of Wales is currently conveyed to the City of Waukesha sewerage system for treatment and disposal.

#### SUBJECT AREA

The portion of the Village of Wales that is proposed to be added to the Waukesha sewer service area includes 193 acres located in the vicinity of the intersection of STH 18 and STH 83 (see Map 1). Environmentally significant areas within the subject area consist of 2 acres of isolated natural resource area and 1 acre of small wetlands.

Existing urban development in the subject area includes Kettle Moraine High School; Wales Elementary School; residential development, including three multi-family structures and limited single-family and two-family development; and commercial uses.

A 110-unit residential condominium project is proposed in the west-central portion of the subject area. The Village of Wales has indicated that the condominium project would be served by holding tanks in the near term, with connection to sanitary sewers anticipated within two years.

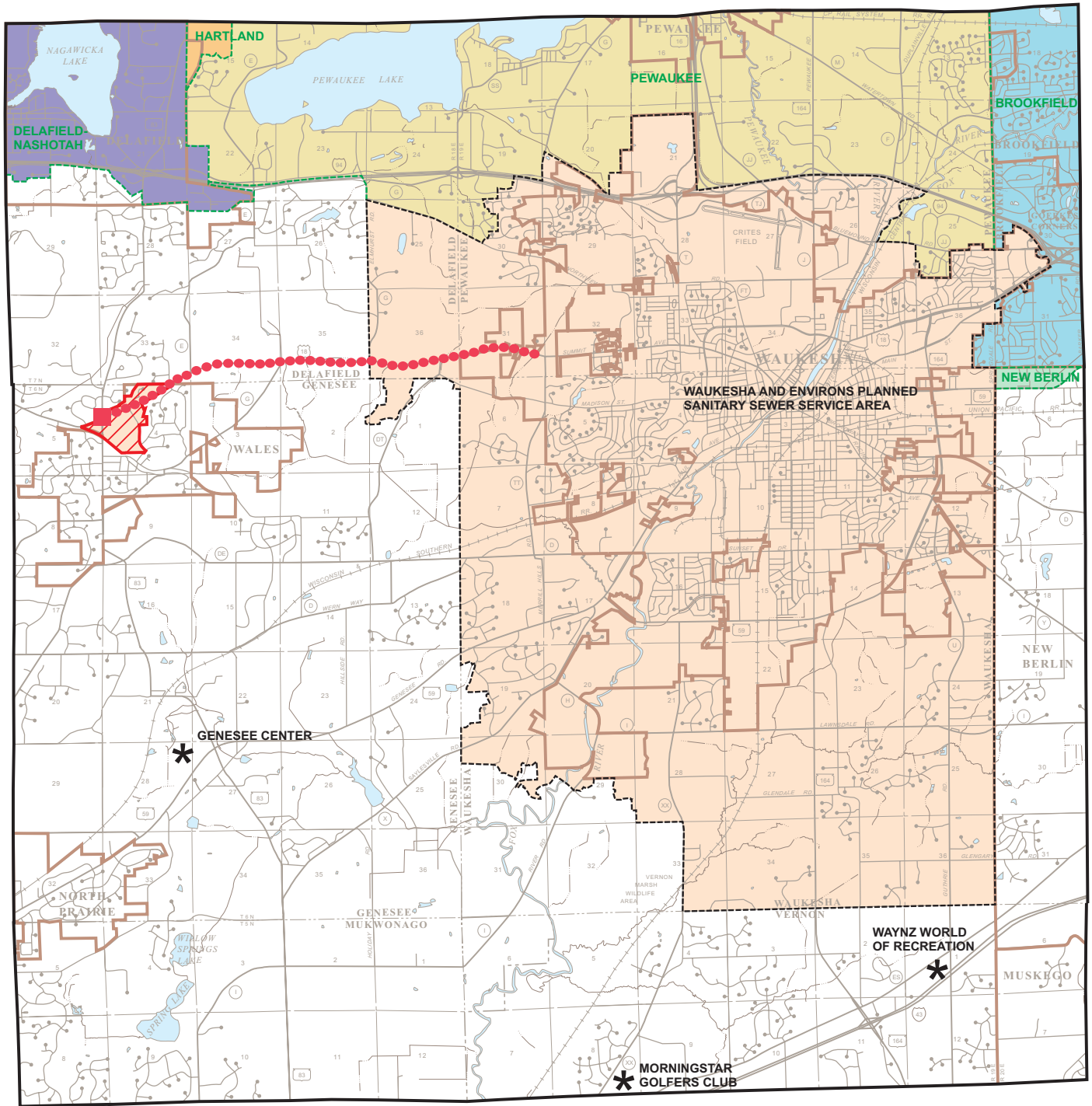
Other than for the proposed condominium project, future development in the subject area is envisioned to be for commercial uses.




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<sup>1</sup> See "Amendment to the Regional Water Quality Management Plan, Northwestern Waukesha County," dated March 2001.

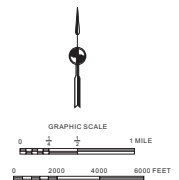
Map 1

PROPOSED AMENDMENT TO THE WAUKESHA AND ENVIRONS SANITARY SEWER SERVICE AREA



-  CITY OF WAUKESHA AND ENVIRONS PLANNED SANITARY SEWER SERVICE AREA
-  OTHER PLANNED SANITARY SEWER SERVICE AREAS
-  AREA PROPOSED TO BE ADDED TO THE WAUKESHA AND ENVIRONS SANITARY 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.
-  PROPOSED FORCE MAIN
-  PROPOSED PUMPING STATION



Source: SEWRPC.

Including the proposed condominium project and existing residences, the subject area would accommodate a total of about 140 housing units, with a population of 280 persons, under buildout conditions.

While detailed facility planning has not been completed, it is envisioned that wastewater from the subject area would be conveyed via a force main located generally along the STH 18 corridor, easterly to a connection point with Waukesha sewerage system near the intersection with Meadowbrook Road.

A more detailed delineation of the subject area and of the environmentally significant lands within is shown on the aerial photograph reproduced as Map 2.

## **WATER QUALITY IMPACTS**

Under the adopted regional water quality management plan, it is envisioned that all urban lands within the planned sewer service area would eventually be served by public 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 sewer service area. In addition, the provision of public sanitary sewer service to those lands within the subject area that are currently developed and served by onsite sewage disposal systems may be expected to reduce pollutant loadings from existing onsite sewage disposal systems to both surface and ground waters.

## **SEWAGE TREATMENT PLAN IMPACT 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 is about 10.0 mgd. The anticipated sewage flow to be generated from the area in the Village of Wales proposed to be added to the Waukesha sewer service area is expected to be about 0.2 mgd on an average annual basis. Thus, the treatment plant has adequate capacity to treat sewage flows from the area proposed to be added to the sewer service area.

## **PUBLIC REACTION TO THE PLAN AMENDMENT**

A public hearing was held on August 31, 2006, at the Waukesha City Hall to receive public comment on, and reaction to, the proposed plan amendment. The hearing was sponsored by the City of Waukesha and the Regional Planning Commission. A summary of the plan amendment was presented prior to receiving public comment, including a description of the land proposed to be added and any environmentally significant land within.

Several owners of property located within the subject area expressed support for the plan amendment at the hearing. While no objections were expressed regarding the plan amendment, numerous questions were asked regarding the costs, scheduling, and assessment methods for installing a sewerage system in the Village of Wales. The Village President provided answers to many such questions at the hearing, and indicated that more information would be forthcoming after detailed engineering studies are done, pending the outcome of the sewer service area planning process. No other concerns regarding the proposed plan amendment were raised at the hearing.

## **LOCAL GOVERNMENT ACTION ON THE PLAN AMENDMENT**

The Common Council of the City of Waukesha adopted the plan amendment, as presented at the public hearing, on September 5, 2006. At a meeting held on September 12, 2006, the Delafield-Hartland Water Pollution Control Commission concurred with the plan amendment.

## **CONCLUDING RECOMMENDATIONS**

Based on the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the sanitary sewer service area for the City of Waukesha as documented in SEWRPC Community Assistance Planning Report No. 100 (2nd Edition), as amended, in the manner identified on Map 1.

Map 2





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



U. S. Public Land Survey Sections 4 and 5, Township 6 North, Range 18 East

4




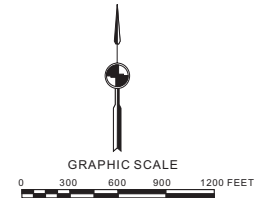
Photography Date: April 2000

-  PRIMARY ENVIRONMENTAL CORRIDOR
-  SECONDARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA
-  WETLANDS AND SURFACE WATER AREAS LESS THAN FIVE ACRES IN SIZE

-  PLANNED SANITARY SEWER SERVICE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY

**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.



Source: SEWRPC.