

AMENDMENT TO THE

**REGIONAL WATER QUALITY  
MANAGEMENT PLAN**

**VILLAGE OF MUKWONAGO**

AS ADOPTED BY THE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

MARCH 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 (Mukwonago Sewer Service Area)

**TO:** The Legislative Bodies of Concerned Local Units of Government within the Southeastern Wisconsin Region, namely: the County of Waukesha, the Village of Mukwonago, and the Town of Vernon

This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Mequon City Hall, Mequon, Wisconsin, on the 1st day of March 2006, the Commission did by unanimous vote of all Commissioners present, being 12 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 Mukwonago 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 2nd day of March 2006.

Thomas H. Buestrin, Chairman  
Southeastern Wisconsin  
Regional Planning Commission

ATTEST:

Philip C. Evenson, Deputy Secretary

**RESOLUTION NO. 2006-07**

**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 (MUKWONAGO 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 5th day of December 1990, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the Mukwonago sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 191, *Sanitary Sewer Service Area for the Village of Mukwonago, Waukesha County, Wisconsin*, dated November 1990, as amended, and

WHEREAS, by letter dated December 1, 2005, the Village of Mukwonago requested that the Commission amend the Mukwonago sanitary sewer service area to include certain lands located outside of the currently 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 Mukwonago to Amend the Mukwonago 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 Village of Mukwonago and the Regional Planning Commission on February 7, 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 amended on the 5th day of December 1990 to include the refined Mukwonago sewer service area, as set forth in SEWRPC Community Assistance Planning Report No. 191, 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.

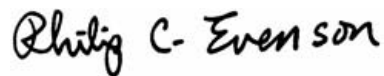
THIRD: That a true, correct, and exact copy of this resolution, together with the aforementioned SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 1st day of March 2006, the vote being: Ayes 12; Nays 0.

A handwritten signature in black ink, appearing to read 'Thomas H. Buestrin', with a long horizontal flourish extending to the right.

Thomas H. Buestrin, Chairman

ATTEST:

A handwritten signature in black ink, appearing to read 'Philip C. Evenson', written in a cursive style.

Philip C. Evenson, Deputy Secretary

## SEWRPC STAFF MEMORANDUM

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

#### INTRODUCTION AND BACKGROUND

By letter dated December 1, 2005, the Village of Mukwonago requested that the Southeastern Wisconsin Regional Planning Commission amend the Mukwonago sanitary sewer service area as that area is currently documented in SEWRPC Community Assistance Planning Report No. 191, *Sanitary Sewer Service Area for the Village of Mukwonago, Waukesha County, Wisconsin*, dated November 1990, 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 Mukwonago sanitary sewer service area is identified by the red hatch pattern on Map 1. The subject area encompasses a total of 252 acres located north of IH 43 and east of the currently adopted sewer service area. Existing development within the subject area includes a golf course, limited commercial development, a nursery operation, a church, a small apartment complex, and several scattered single-family homes. The Village has prepared a long-range development/redevelopment plan for the area.<sup>1</sup> That plan envisions that the area would eventually accommodate residential and limited commercial use. If fully developed in accordance with that plan, the subject area would accommodate an estimated 190 housing units with an attendant population of 450 persons. The timing of any future development would be determined by the concerned property owners and the Village.

The subject area contains a total of 54 acres of environmentally significant lands, including 17 acres of primary environmental corridor, 36 acres of isolated natural resource areas, and 1 acre of small wetlands outside the environmental corridor and isolated natural resource areas. In addition, the southerly portion of the existing nursery is located within the Fox River floodplain.

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

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

The proposed amendment would increase the area of the Mukwonago sewer service area by 252 acres, or about 4 percent. Including the proposed addition, the buildout population of the sewer service area—that is, the estimated population which could be accommodated upon full development of the sewer service area—would remain within the population projection range for the Mukwonago sewer service area embodied in the year 2020 regional land use plan.

#### WATER QUALITY IMPACTS

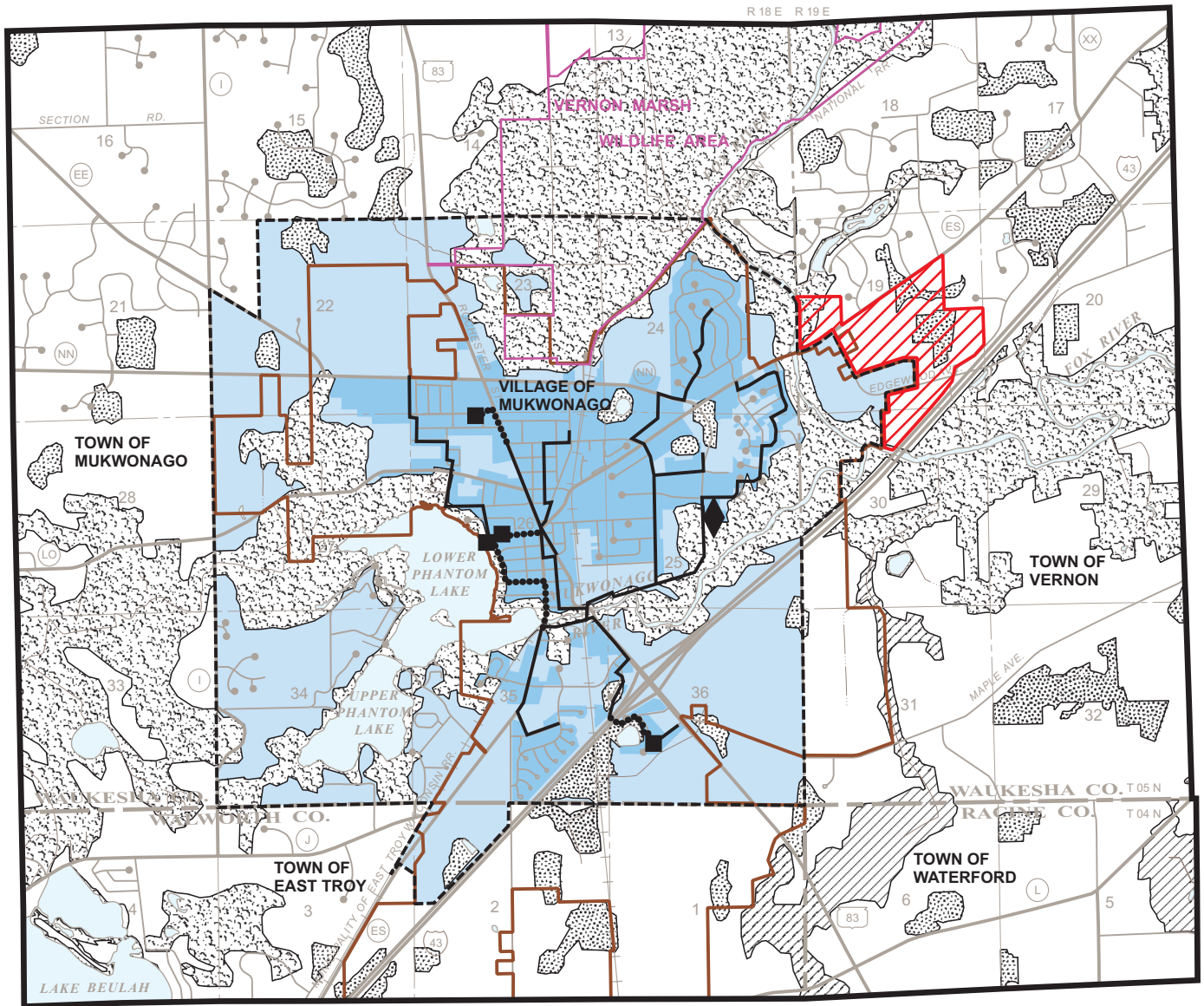
Under the adopted regional water quality management plan and the amended Mukwonago sanitary sewer service area plan presented herein, it is envisioned that all urban lands within the planned urban service area would receive sanitary sewer service. In addition, the provision of public sanitary sewer service to those lands within the planned sanitary sewer service area which are currently developed and served by onsite sewage disposal systems

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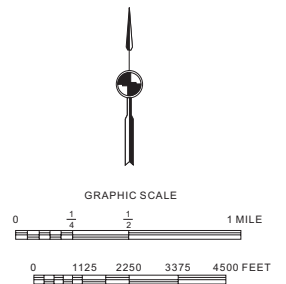
<sup>1</sup> *Ruekert-Mielke, Edgewood Planning Area, Village of Mukwonago, Waukesha County, Wisconsin, November 2005.*

# Map 1

## PROPOSED AMENDMENT TO THE MUKWONAGO SANITARY SEWER SERVICE AREA



- |  |  |  |  |
|--|--|--|--|
|  | PRIMARY ENVIRONMENTAL CORRIDOR                             |  | PLANNED SANITARY SEWER SERVICE AREA BOUNDARY                           |
|  | SECONDARY ENVIRONMENTAL CORRIDOR                           |  | EXISTING TRUNK SEWER   |
|  | ISOLATED NATURAL RESOURCE AREA                             |  | EXISTING FORCE MAIN  |
|  | EXISTING AREA SERVED BY PUBLIC SANITARY SEWER SYSTEM: 2000 |  | EXISTING PUMPING STATION   |
|  | PLANNED SANITARY SEWER SERVICE AREA                        |  | EXISTING PUBLIC SEWAGE TREATMENT FACILITY                              |
|  |  |  | AREA PROPOSED TO BE ADDED TO THE MUKWONAGO SANITARY SEWER SERVICE AREA |



Source: SEWRPC.

may be expected to reduce the pollutant loadings from the existing onsite sewage disposal systems to both surface and ground waters. 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.

#### SEWAGE TREATMENT PLANT CAPACITY ANALYSIS

The Village of Mukwonago sewage treatment plant has a hydraulic design capacity of 1.5 million gallons per day (mgd) on an average annual basis. The current flow rate is about 0.8 mgd on an average annual basis. The anticipated sewage flow to be generated within the areas proposed to be added to the sewer service area may be expected to be about 0.07 mgd on an average annual basis. Thus, the treatment plant has adequate capacity to treat sewage flows from the subject area.

#### PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on February 7, 2006 at the Mukwonago Village Hall to receive public comment on, and reaction to, the proposed plan amendment. The hearing was sponsored by the Village of Mukwonago and the Regional Planning Commission. A summary of the plan amendment was presented prior to receiving public comment, including a description of the lands proposed to be added to the sewer service area and any environmentally significant land located within.

A review of the hearing record indicates that no substantive concerns were raised at the hearing. Accordingly, no changes were made to the proposed plan amendment as presented at the public hearing.

#### LOCAL GOVERNMENT SUPPORT FOR THE PLAN AMENDMENT

The Board of Trustees of the Village of Mukwonago adopted the plan amendment on February 7, 2006.

#### CONCLUDING RECOMMENDATION

Based on the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the sanitary sewer service area for the Village of Mukwonago as documented in SEWRPC Community Assistance Planning Report No. 191, as amended, in the manner identified on Map 1.







Map 2

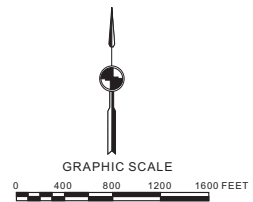
ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE VILLAGE OF MUKWONAGO

U. S. Public Land Survey Sections 19 and 30  
Township 5 North, Range 19 East



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



Source: SEWRPC.

NOTE: This map replaces the corresponding portions of Maps 7-3 and 7-6, pages 22 and 25, of SEWRPC Community Assistance Planning Report No. 191, Sanitary Sewer Service Area for the Village of Mukwonago, Waukesha County, Wisconsin, November 1990.