

AMENDMENT TO THE

**REGIONAL WATER QUALITY
MANAGEMENT PLAN**

VILLAGE OF MUKWONAGO

AS ADOPTED BY THE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

DECEMBER 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 (Mukwonago Sanitary Sewer Service Area)

TO: The Legislative Bodies of Concerned Local Units of Government within the Southeastern Wisconsin Region, namely: the County of Walworth, the Village of Mukwonago, and the Town of East Troy.

This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at State Fair Park in West Allis, Wisconsin, on the 4th day of December 2002, 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 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 Waukesha, Wisconsin, this 5th day of December 2002.

Thomas H. Buestrin, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:

Philip C. Evenson, Deputy Secretary

RESOLUTION NO. 2002-15

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*, November 1990, as amended; and

WHEREAS, the Village of Mukwonago has 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 aforereferenced staff memorandum, was the subject of a public hearing held jointly by the Village of Mukwonago and the Regional Planning Commission on November 19, 2002; 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;

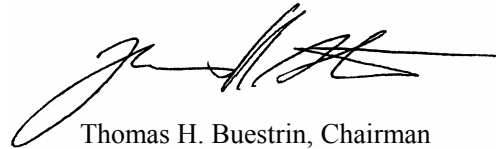
NOW, THEREFORE, BE IT HEREBY RESOLVED:

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 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 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.

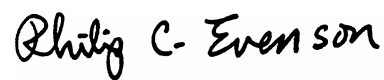
THIRD: That a true, correct, and exact copy of this resolution, together with the aforereferenced SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 4th day of December 2002, the vote being: Ayes 18; 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 June 17, 1999, the Village of Mukwonago requested that the Southeastern Wisconsin Regional Planning Commission assist the Village in a comprehensive update of the Mukwonago sanitary sewer service area plan. 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. It was agreed at that time to defer updating the sewer service area plan until such time as a land use plan could be completed for the Village. The Village land use plan was completed in April 2000, enabling work on the sewer service area plan update to proceed. Work on that update was nearing completion in fall 2002. It is anticipated that the comprehensive update of the sewer service area plan will be ready for consideration by the Village and by the Regional Planning Commission early in 2003.

In the meantime, the Village has indicated an immediate need to amend its sewer service area to include certain lands, presently outside the approved sewer service area, to which sewers are planned to be extended in the months ahead. The area proposed to be added at this time is located south of the currently adopted sewer service area, between IH 43 and the Municipality of East Troy Wisconsin Railroad. This memorandum documents the proposed amendment.

PRE-PUBLIC HEARING PLAN AMENDMENT

Map 1 shows the proposed addition to the Mukwonago sanitary sewer service area as presented for review and comment at the public hearing. This area encompasses a total of 155 acres and contains 113 acres of agricultural/open land, 25 acres of land currently in urban use, and 17 acres of isolated natural resource area lands. The isolated natural resource area lands consist of 9 acres of wetlands located in the northern portion of the subject area and 8 acres of upland woods located in the southern portion of the subject area. It is envisioned that the 113 acres of available land would be developed for medium-density residential use, accommodating an estimated population of about 450 persons.

The proposed addition of 155 acres to the Mukwonago sewer service area represents an increase in the planned sewer service area of about 3 percent. With the proposed addition, the buildout population of the Mukwonago sewer service area—that is, the estimated population which could be accommodated upon full development of the sewer service area—would lie within the year 2020 population range for this area embodied in the regional land use plan.

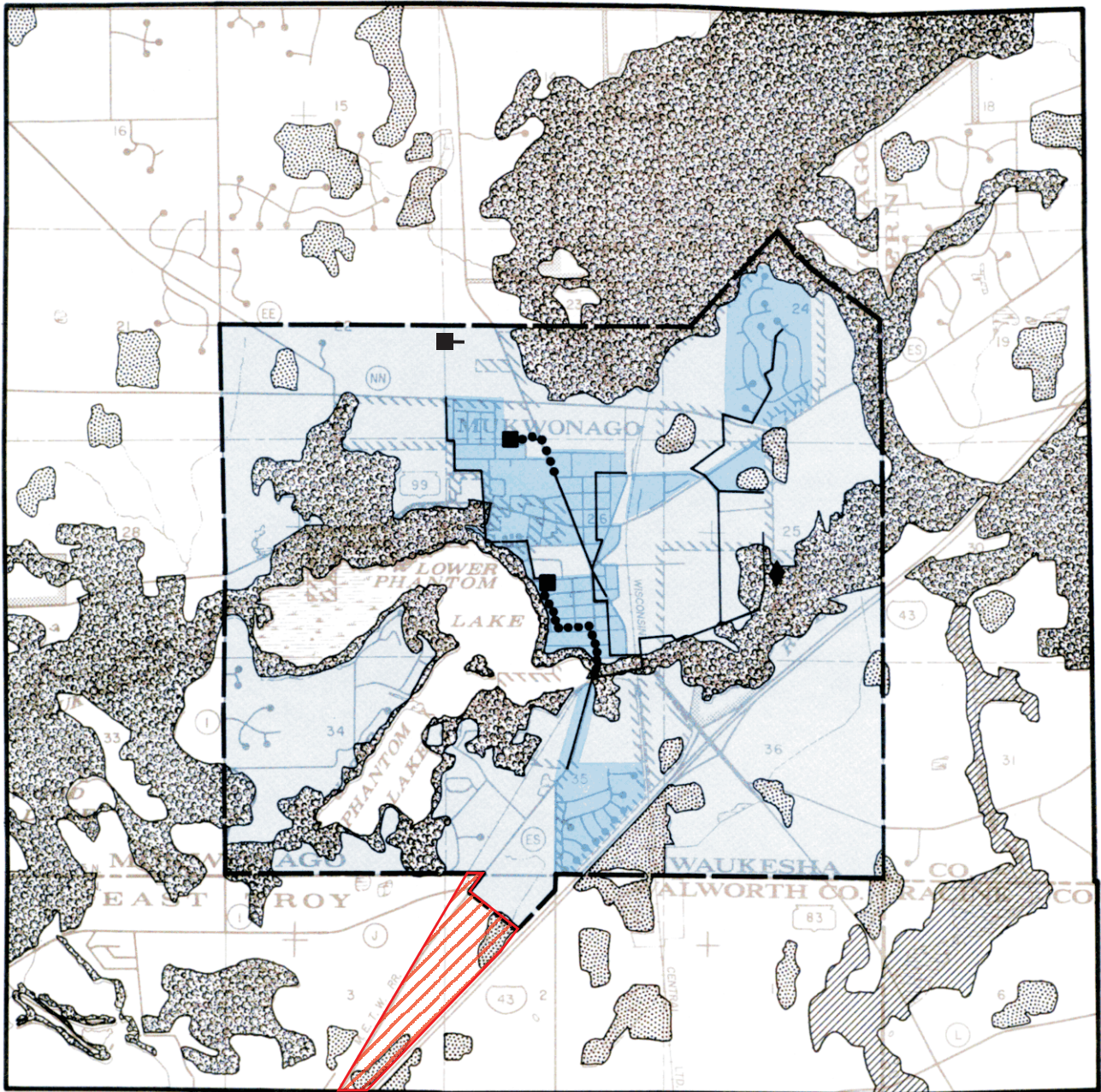
PUBLIC HEARING ON THE PLAN AMENDMENT

A public hearing was held on November 19, 2002, at the Mukwonago Village Hall to receive public comment on, and reaction to, the proposed sewer service area plan amendment. The hearing was sponsored by the Village of Mukwonago and the Regional Planning Commission. A summary of the plan amendment was presented, including a description of the lands proposed to be added to the sewer service area and the environmentally significant lands located within.

The only substantive comments on the proposed plan amendment were written comments from the Town of East Troy referencing the ongoing boundary-related negotiations between the Town of East Troy and the Village of Mukwonago, with the Chairman of the Town of East Troy suggesting that expansion of the sewer service area at this time be limited to that which is necessary in anticipation of the reconstruction of CTH ES in this vicinity.

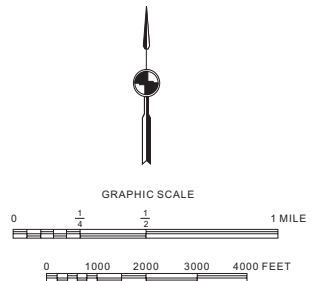
Map 1

PRE-PUBLIC HEARING AMENDMENT TO THE MUKWONAGO SANITARY SEWER SERVICE AREA



H 18 E. R. 19 E.

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|--|--|--|--|
| | 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: 1990 | | EXISTING PUMPING STATION |
| | PLANNED SANITARY SEWER SERVICE AREA | | EXISTING PUBLIC SEWAGE TREATMENT FACILITY |
| | | | LANDS TO BE ADDED TO THE CURRENTLY ADOPTED MUKWONAGO SANITARY SEWER SERVICE AREA |



Source: SEWRPC.

After considering the Town's comments subsequent to the hearing, the Commission staff and Village of Mukwonago officials determined that the expansion of the sewer service area at this time could be reduced from the original proposal, and be limited to the area shown in a red hatch pattern on Map 2. That area is consistent with the Village's detailed sewerage facility plans, and the inclusion of that area in the sewer service area would accommodate the Village's immediate timeframe for sewer construction. A limited expansion of the Mukwonago sewer service area at this time was also viewed as encouraging the ongoing boundary-related negotiations between the Village and the Town of East Troy to proceed to a successful conclusion in the near future.

POST-PUBLIC HEARING PLAN AMENDMENT

The recommended post-public hearing amendment to the Mukwonago sanitary sewer service area is shown on Map 2. The area proposed to be added to the sewer service area encompasses a total of 67 acres, including 45 acres of agricultural/open land, 13 acres of land currently in urban use, and 9 acres of isolated natural resource area lands consisting of wetlands. It is envisioned that the area would accommodate an incremental population of about 185 persons. A more detailed delineation of the amended sewer service area and of the environmentally significant lands within is shown on Map 3. The boundaries of the environmentally significant lands on Map 3 have been updated to reflect year 2000 conditions.

The proposed addition of 67 acres to the Mukwonago sewer service area represents an increase in the planned sewer service area of about 1 percent. With the proposed addition, the buildout population of the Mukwonago sewer service area would lie within the year 2020 population range for this area embodied in the regional land use plan.

WATER QUALITY IMPACTS

Under the adopted regional water quality management plan and the Mukwonago sanitary sewer service plan presented herein, it is envisioned that all new urban development within the planned urban service area would receive sanitary sewer service. Assuming that any 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

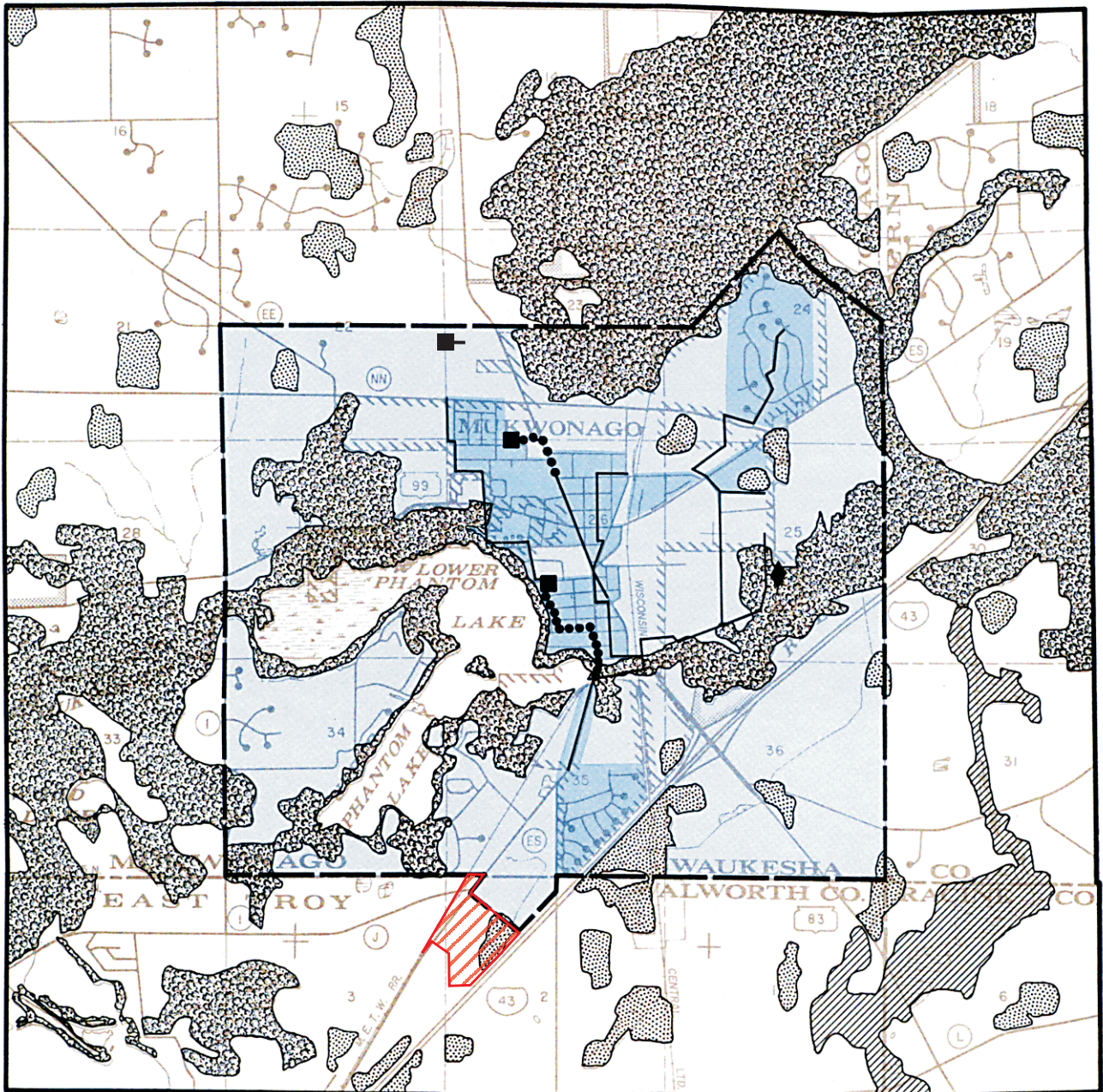
The Village of Mukwonago sewage treatment plant has a hydraulic design capacity of 1.5 million gallons per day (mgd) on an average annual basis. The current flow rate is about 0.75 mgd on an average annual basis. The anticipated sewage flow to be generated within the 67-acre area proposed to be added to the sewer service area may be expected to be about 0.02 mgd on an average annual basis. Thus, the treatment plant has adequate capacity to treat sewage flows from the subject area.

CONCLUDING RECOMMENDATION

Based upon the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the Mukwonago sanitary sewer service area plan as documented in SEWRPC Community Assistance Planning Report No. 191, as amended, in the manner shown on Map 2.

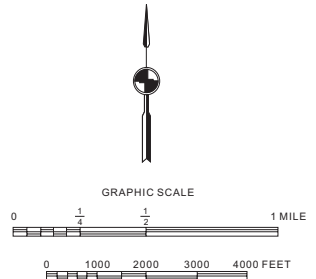
Map 2

POST-PUBLIC HEARING AMENDMENT TO THE MUKWONAGO SANITARY SEWER SERVICE AREA



R. 18 E. R. 19 E.

- | | | | |
|--|--|--|--|
| | PRIMARY ENVIRONMENTAL CORRIDOR | | PLANNED SANITARY SEWER SERVICE AREA BOUNDARY |
| | SECONDARY ENVIRONMENTAL CORRIDOR | | EXISTING TRUNK SEWER |
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| | EXISTING AREA SERVED BY PUBLIC SANITARY SEWER SYSTEM: 1990 | | EXISTING PUMPING STATION |
| | PLANNED SANITARY SEWER SERVICE AREA | | EXISTING PUBLIC SEWAGE TREATMENT FACILITY |
| | | | LANDS TO BE ADDED TO THE CURRENTLY ADOPTED MUKWONAGO SANITARY SEWER SERVICE AREA |



Source: SEWRPC.





Map 3



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

U. S. Public Land Survey Sections 2 and 3, Township 4 North, Range 18 East

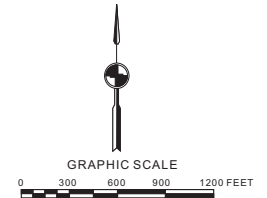


Photography Date: April 2000

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

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

NOTE: This map replaces the corresponding portions of Maps 7-7 and 7-8 on pages 26 and 27 of SEWRPC Community Assistance Planning Report No. 191, *Sanitary Sewer Service Area for the Village of Mukwonago, Waukesha County, Wisconsin*, November 1990.



Source: SEWRPC.