

AMENDMENT TO THE

**REGIONAL WATER QUALITY  
MANAGEMENT PLAN**

**WALWORTH COUNTY  
METROPOLITAN SEWERAGE  
DISTRICT–WILLIAMS BAY-GENEVA  
NATIONAL-LAKE COMO SANITARY  
SEWER SERVICE AREA**

AS ADOPTED BY THE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

SEPTEMBER 2004

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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 (Williams Bay-Geneva National-Lake Como 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 Williams Bay, the Town of Walworth, and the Walworth County Metropolitan Sewerage District.

This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Waukesha County Administration Building, Waukesha, Wisconsin, on the 15th day of September 2004, the Commission did by unanimous vote of all Commissioners present, being 14 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 Williams Bay-Geneva National-Lake Como 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 15th day of September 2004.

Thomas H. Buestrin, Chairman  
Southeastern Wisconsin  
Regional Planning Commission

ATTEST:

Philip C. Evenson, Deputy Secretary



**RESOLUTION NO. 2004-13**

**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 (WILLIAMS BAY-GENEVA NATIONAL-LAKE COMO 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 4th day of December 1991, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the Williams Bay-Geneva National-Lake Como sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 56 (2nd Edition), *Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin*, dated November 1991 as amended; and

WHEREAS, by letter dated July 22, 2004, the Walworth County Metropolitan Sewerage District requested that the Commission amend the Williams Bay-Geneva National-Lake Como sanitary 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 Walworth County Metropolitan Sewerage District to Amend the Williams Bay-Geneva National-Lake Como 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 Walworth County Metropolitan Sewerage District and the Regional Planning Commission on August 10, 2004; 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;

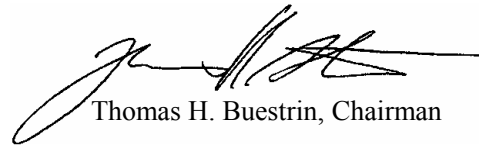
NOW, THEREFORE, BE IT HEREBY RESOLVED:

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 4th day of December 1991 to include the refined Williams Bay-Geneva National-Lake Como sewer service area, as set forth in SEWRPC Community Assistance Planning Report No. 56 (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.

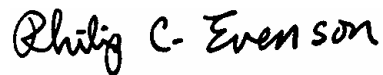
THIRD: That a true, correct, and exact copy of this resolution, together with the aforementioned SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 15th day of September 2004, the vote being: Ayes 14; Nays 0.



Thomas H. Buestrin, Chairman

ATTEST:



Philip C. Evenson, Deputy Secretary

## **SEWRPC STAFF MEMORANDUM**

### **RESPONSE TO REQUEST BY THE WALWORTH COUNTY METROPOLITAN SEWERAGE DISTRICT TO AMEND THE WILLIAMS BAY-GENEVA NATIONAL-LAKE COMO SANITARY SEWER SERVICE AREA**

#### **INTRODUCTION AND BACKGROUND**

By letter dated July 22, 2004, the Walworth County Metropolitan Sewerage District (WalCoMet), acting on behalf of the Village of Williams Bay, requested that the Southeastern Wisconsin Regional Planning Commission amend the Williams Bay-Geneva National-Lake Como sanitary sewer service area as that area is currently documented in SEWRPC Community Assistance Planning Report No. 56 (2nd Edition), *Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin*, dated November 1991, 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 Williams Bay portion of this sewer service area.

#### **AREA DESCRIPTION**

The area proposed to be added to the Williams Bay-Geneva National-Lake Como sanitary sewer service area encompasses 45 acres located west of Theater Road and north of STH 67 in U.S. Public Land survey Section 2, Township 1 North, Range 16 East, in the Town of Walworth (see Maps 1 and 2). The subject area does not include any environmental corridor or isolated natural resource areas. The 45-acre area, which consists entirely of agricultural land, is anticipated to be developed for residential use, accommodating about 220 residents.

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

The proposed addition of 45 acres to the Williams Bay-Geneva National-Lake Como sanitary sewer service area represents an increase in the planned sewer service area of less than one percent, while the proposed residential development would be a minor increase to the population of the sewer service area. Thus, the areal extent and planned resident population of the sanitary sewer service area would not change significantly.

#### **WATER QUALITY IMPACTS**

Under the adopted regional water quality management plan and the revised Williams Bay-Geneva National-Lake Como sanitary sewer service area plan herein set forth, it is envisioned that all urban lands within the planned urban service area would receive 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 sanitary sewer service area.

#### **COST-EFFECTIVENESS ANALYSIS**

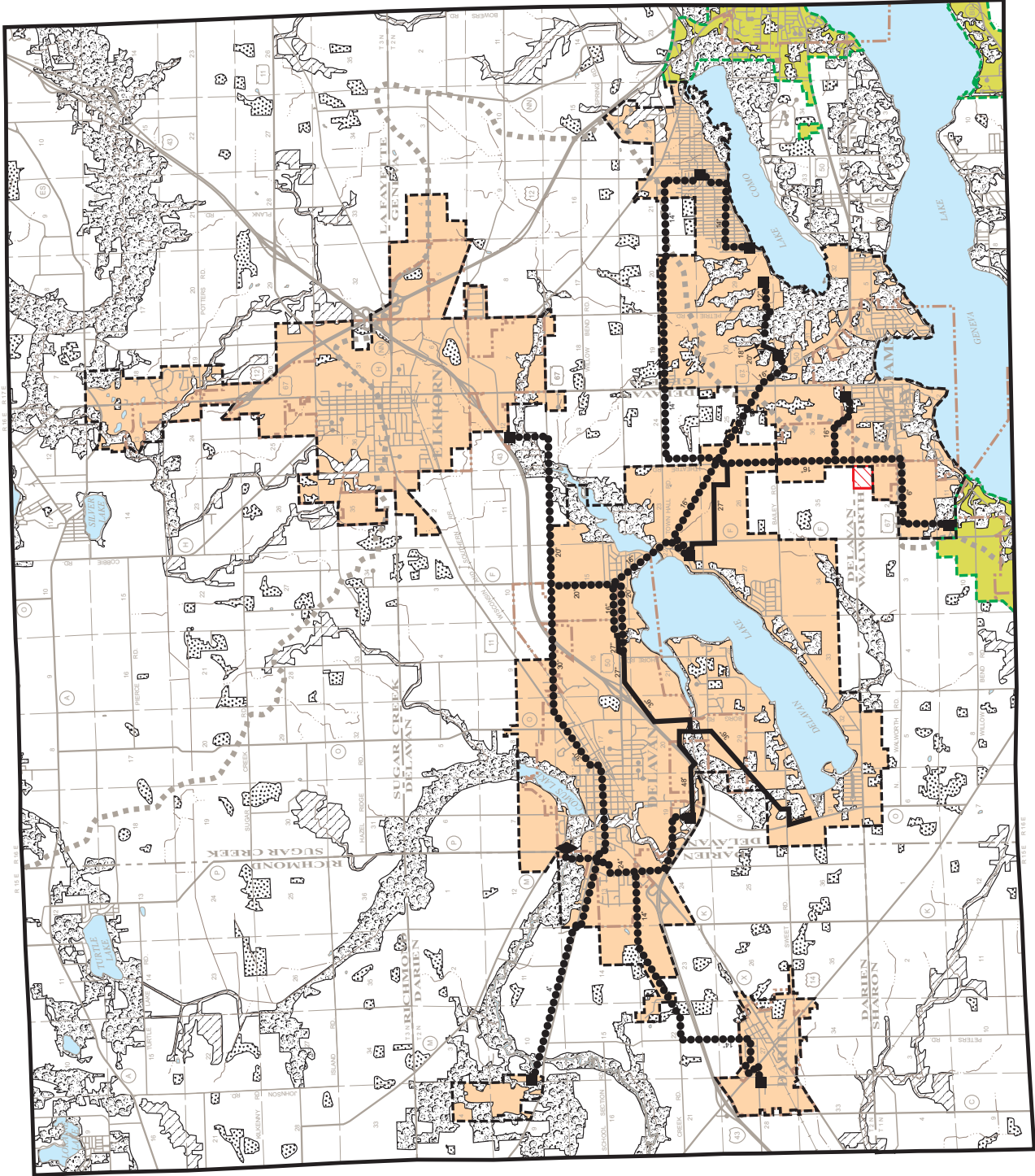
The proposed addition to the Williams Bay-Geneva National-Lake Como sanitary sewer service area is immediately adjacent to the currently approved sewer service area. The nearest other public sanitary sewer service area—the Fontana-Walworth sewer service area—is located approximately 1 mile from the subject area. No further analysis is deemed necessary to conclude that the most cost-effective means of providing public sanitary sewer service to the subject area is through public sewers tributary to the WalCoMet sewage system.

#### **SEWAGE TREATMENT PLANT CAPACITY IMPACT ANALYSIS**

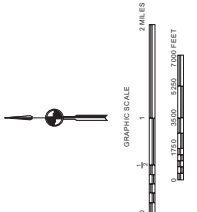
Sewage from the Williams Bay-Geneva National-Lake Como area is treated at the WalCoMet sewage treatment facility located in the City of Delavan. The WalCoMet sewage treatment plant has a hydraulic design capacity of 5.75

Map 1

PROPOSED AMENDMENT TO THE WALWORTH COUNTY METROPOLITAN SEWERAGE DISTRICT SANITARY SEWER SERVICE AREA PLAN (WILLIAMS BAY-GENEVA NATIONAL LAKE COMO SEWER SERVICE AREA)



- PRIMARY ENVIRONMENTAL CORRIDOR
- SECONDARY ENVIRONMENTAL CORRIDOR
- ISOLATED NATURAL RESOURCE AREAS
- PLANNED SANITARY SEWER SERVICE AREA
- PLANNED SANITARY SEWER SERVICE AREA BOUNDARY
- OTHER PLANNED SANITARY SEWER SERVICE AREAS NOT TRIBUTARY TO THE WALWORTH COUNTY METROPOLITAN SEWERAGE DISTRICT
- AREA PROPOSED TO BE ADDED TO THE WILLIAMS BAY SANITARY SEWER SERVICE AREA
- EXISTING PUBLIC SEWAGE TREATMENT FACILITY
- EXISTING TRUNK SEWER
- EXISTING FORCE MAIN
- EXISTING PUMPING STATION
- CITY AND VILLAGE BOUNDARIES



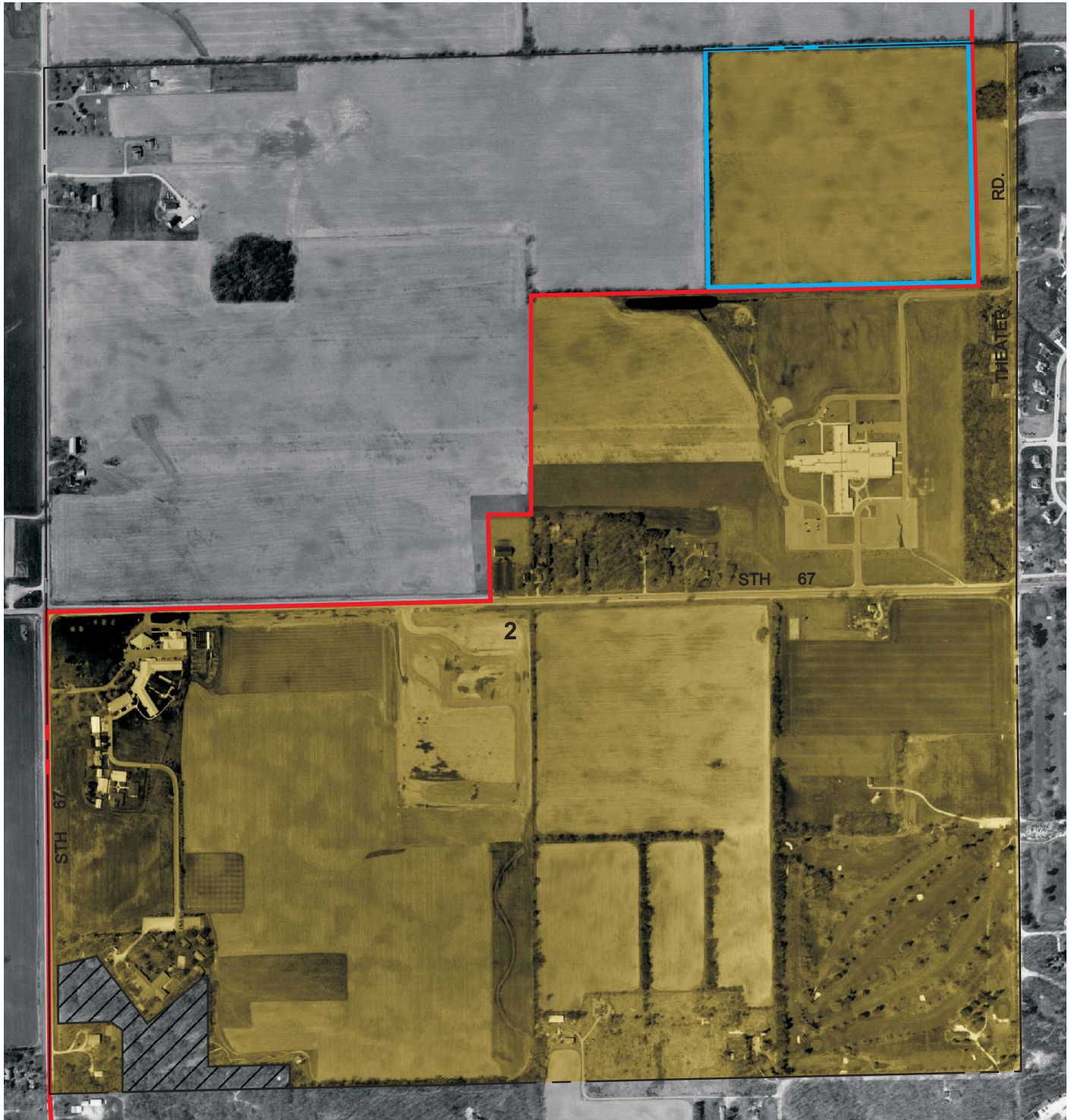
Source: SEWRPC.







Map 2

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE WALWORTH COUNTY METROPOLITAN SEWERAGE DISTRICT AND ENVIRONS (WILLIAMS BAY AREA)

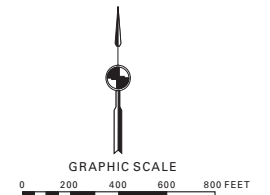
U. S. Public Land Survey Section 2  
Township 1 North, Range 16 East



-  PRIMARY ENVIRONMENTAL CORRIDOR
-  PLANNED SANITARY SEWER SERVICE AREA
-  EXISTING GROSS SANITARY SEWER SERVICE AREA BOUNDARY
-  PROPOSED ADDITION TO THE WILLIAMS BAY SEWER SERVICE AREA

NOTE: This map replaces the corresponding portion of Map 11-45, page 76, of SEWRPC Community Assistance Planning Report No. 56 (2ND Edition), *Sanitary Sewer Service Areas for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin*, November 1991.

Photography Date: April 2000



Source: SEWRPC.

million gallons per day (mgd) on an average annual basis. The current hydraulic loading to the plant is about 4.1 mgd on an average annual basis. The anticipated sewage flow to be generated in the area proposed to be added to the Williams Bay sewer service area may be expected to be less than 0.03 mgd on an average daily basis. Thus the treatment plant has capacity to serve the subject addition to sewer service area.

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

A public hearing was held on August 10, 2004 at the WalCoMet offices to receive public comment on, and reaction to, the proposed plan amendment. The hearing was sponsored by WalCoMet and the Regional Planning Commission. A summary of the plan amendment was presented prior to receiving public comment.

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 ACTION ON THE PLAN AMENDMENT**

The Board of Commissioners of the Walworth County Metropolitan Sewerage District adopted the plan amendment on August 10, 2004.

#### **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 Williams Bay-Geneva National-Lake Como area as documented in SEWRPC Community Assistance Planning Report No. 56 (2nd Edition), as amended. A detailed delineation of the amended sewer service area and of the environmentally significant lands within is shown on the aerial photograph reproduced as Map 2 on the preceding page of this report.