

**AMENDMENT TO THE  
REGIONAL WATER QUALITY  
MANAGEMENT PLAN  
VILLAGE OF DARIEN**

**AS ADOPTED BY THE  
SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION**

**JUNE 2000**

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REGIONAL PLANNING COMMISSION**

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# SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

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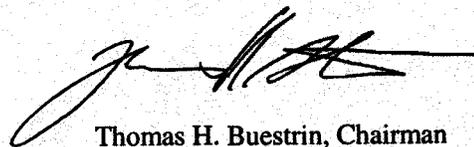
KENOSHA  
MILWAUKEE  
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RACINE  
WALWORTH  
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**SUBJECT:** Certification of Amendment to the Adopted Regional Water Quality Management Plan (Darien Sanitary Sewer Service Area)

**TO:** The Legislative Bodies of Concerned Local Units of Government within the Southeastern Wisconsin Region, namely: the County of Walworth, the Village of Darien, the Town of Darien, and the Walworth County Metropolitan Sewerage District.

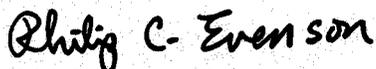
This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Washington County Courthouse, West Bend, Wisconsin, on the 21st day of June 2000, the Commission did by unanimous vote of all Commissioners present, being 20 ayes and 0 nays, and by appropriate 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 Darien 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 22nd day of June 2000.



Thomas H. Buestrin, Chairman  
Southeastern Wisconsin  
Regional Planning Commission

ATTEST:



Philip C. Evenson, Deputy Secretary

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**RESOLUTION NO. 2000-07**

**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 (DARIEN SANITARY SEWER SERVICE AREA)**

WHEREAS, pursuant to Section 66.945(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 23rd day of September 1992, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the Darien sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 123 (2nd Edition), Sanitary Sewer Service Area for the Village of Darien, Walworth County, Wisconsin, July 1992, as amended; and

WHEREAS, by letter dated May 11, 2000, the Walworth County Metropolitan Sewerage District, on behalf of the Village of Darien, requested that the Commission amend the Darien 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 Walworth County Metropolitan Sewerage District (WalCoMet) and the Village of Darien to Amend the Darien 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 Walworth County Metropolitan Sewerage District and the Regional Planning Commission on June 13, 2000; and

WHEREAS, Section 66.945(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;

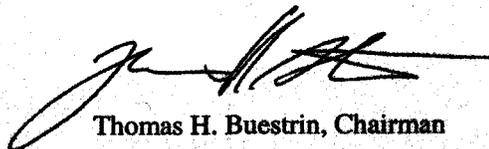
NOW, THEREFORE, BE IT HEREBY RESOLVED:

**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 23rd day of September 1992 to include the refined Darien sewer service area, as set forth in SEWRPC Community Assistance Planning Report No. 123 (2nd Edition), 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.

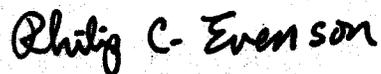
**THIRD:** That a true, correct, and exact copy of this resolution, together with the aforereferenced SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, 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 21st day of June 2000, the vote being: Ayes 20; 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 (WALCOMET) AND THE VILLAGE OF DARIEN TO AMEND THE DARIEN SANITARY SEWER SERVICE AREA

#### INTRODUCTION AND BACKGROUND

By letter dated May 11, 2000, the Walworth County Metropolitan Sewerage District (WalCoMet), on behalf of the Village of Darien, requested that the Southeastern Wisconsin Regional Planning Commission amend the Darien sanitary sewer service area tributary to the WalCoMet sewage treatment facility. That area is currently documented in SEWRPC Community Assistance Planning Report No. 123 (2nd Edition), Sanitary Sewer Service Area for the Village of Darien, Walworth County, Wisconsin, dated July 1992, as amended. The basic purpose of this amendment would be to include within the planned Darien sewer service area certain lands located immediately adjacent to, but outside of, the currently adopted sewer service area.

#### AREA DESCRIPTION – PRE-PUBLIC HEARING

The area proposed to be added to the Darien sewer service area encompasses 123 acres of land located in U.S. Public Land Survey Sections 28 and 33, Township 2 North, Range 15 East, in the Village of Darien and the Town of Darien, and is shown with a red hatch pattern on Map 1. The subject area includes 103 acres of land currently in agricultural use which the Village has requested be added to the sewer service area to enable development of territory annexed to the Village for a proposed industrial park expansion. The remainder of 20 acres located within the Town of Darien is currently in residential use, contains 13 existing housing units, and is envisioned to remain in such use. There are no environmentally significant lands located within the subject area.

#### PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on June 13, 2000, 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, along with a description of potential impacts for the Village and WalCoMet sewerage systems. One substantive issue was raised at the public hearing

The Town Chairman of the Town of Darien expressed concern whether lands located within the Town, outside of the area recently annexed by the Village of Darien, and included within the area proposed to be added to the Darien sewer service area, should be included in an expanded Darien sewer service area. He noted that existing residential uses on such lands are not envisioned to require public sanitary sewer service within the foreseeable future, nor is sewer service desired at this time in light of the potential costs to Town residents there. He suggested that 20 acres of Town territory be omitted from the proposed addition to the Darien sewer service area.

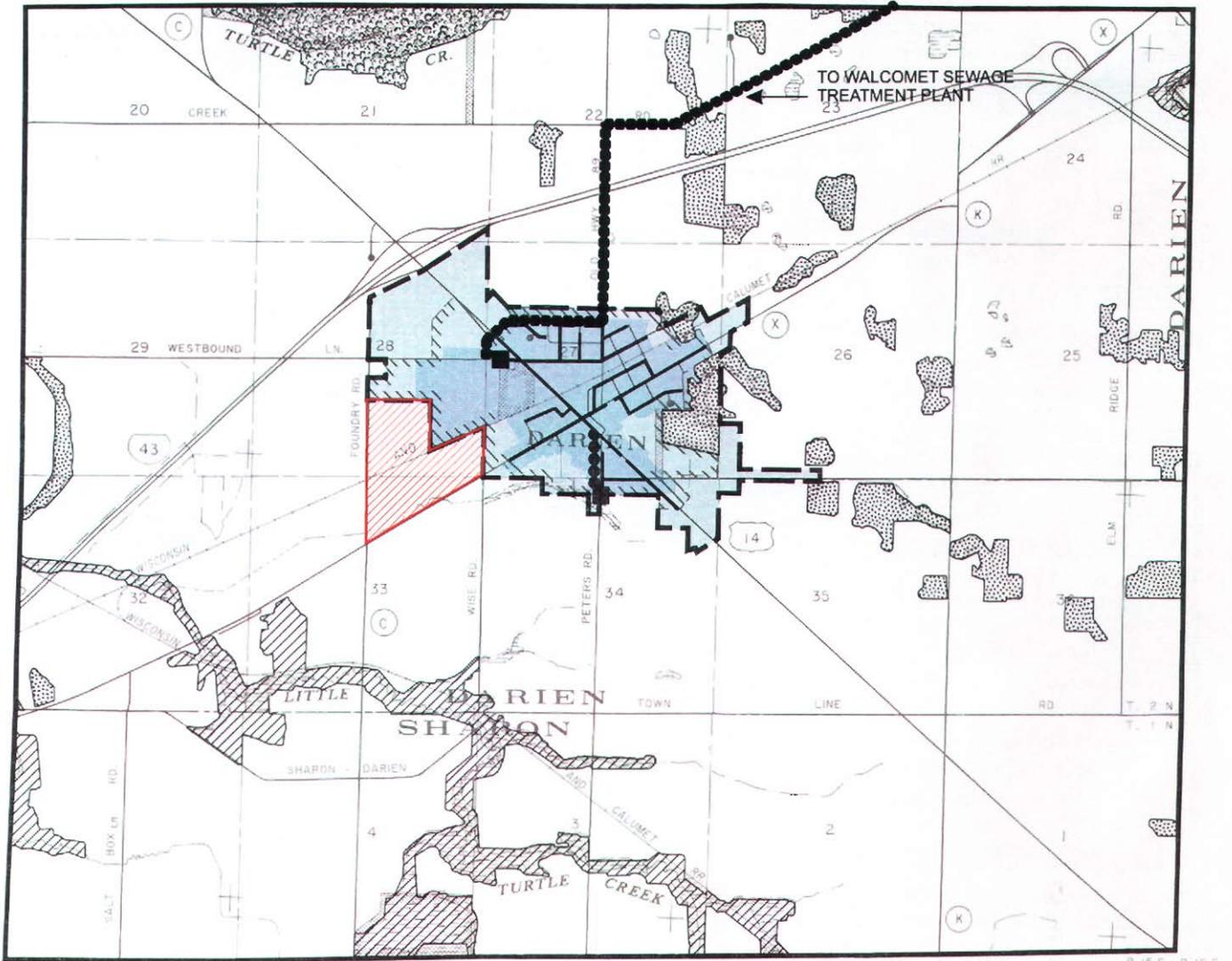
Upon consideration of the concerns raised by the Town of Darien, 20 acres of Town lands were omitted from the proposed addition to the Darien sanitary sewer service area. No other substantive concerns were raised at the public hearing.

#### AREA DESCRIPTION – POST-PUBLIC HEARING

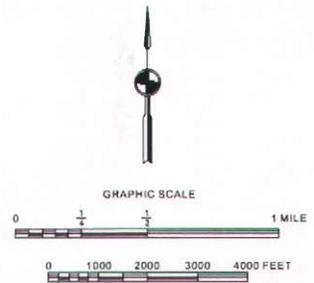
The revised area proposed to be added to the Darien sanitary sewer service area, as shown on Map 2, includes 103 acres of land currently in agricultural use which the Village has requested be added to the sewer service area to enable development of territory annexed to the Village for a proposed industrial park expansion.

# Map 1

## RECOMMENDED REVISION TO THE DARIEN SANITARY SEWER SERVICE AREA (Pre-Public Hearing)



- |  |  |  |   |
|--|--|--|---|
|  | 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                        |  | LANDS TO BE ADDED TO THE CURRENTLY ADOPTED DARIEN SANITARY SEWER SERVICE AREA |



Source: SEWRPC.

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

The proposed addition of 103 acres to the Darien sanitary sewer service area represents an increase in the planned sewer service area of about 13 percent. The resident population of the sewer service area would not increase as a result.

## WATER QUALITY IMPACTS

Under the adopted regional water quality management plan and the refined 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 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.

## COST-EFFECTIVENESS ANALYSIS

The proposed addition to the Darien sanitary sewer service area lies immediately adjacent to the currently approved Darien sewer service area tributary to the WalCoMet sewage treatment plant. The nearest other public sanitary sewer systems, the Village of Sharon system and Fontana-Walworth Water Pollution Control Commission system, are both located approximately 8 miles from the subject area. Consequently, no further analysis is deemed necessary to conclude that the subject area would be served most cost-effectively through connection to the WalCoMet sewage treatment plant by means of the Village of Darien sewerage system.

## SEWAGE TREATMENT PLANT CAPACITY IMPACT ANALYSIS

As previously noted, the Darien sewer service area is connected to the WalCoMet sewerage system for sewage treatment purposes. The WalCoMet sewage treatment plant was expanded in 1996 and has a capacity to treat 5.75 million gallons of wastewater on an average daily basis. The current loading to the plant is about 4.1 million gallons per day (mgd) on an average annual basis. The anticipated sewage flow to be generated within the 103-acre area proposed to be added to the Darien sanitary sewer service area is estimated to be about 0.15 mgd on an average annual basis. Thus, the WalCoMet sewage treatment plant has capacity to accommodate the proposed development.

## LOCAL GOVERNMENT SUPPORT FOR THE PLAN AMENDMENT

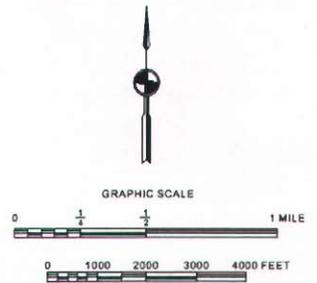
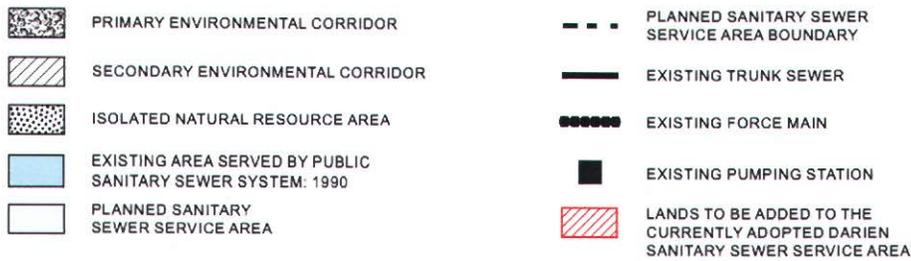
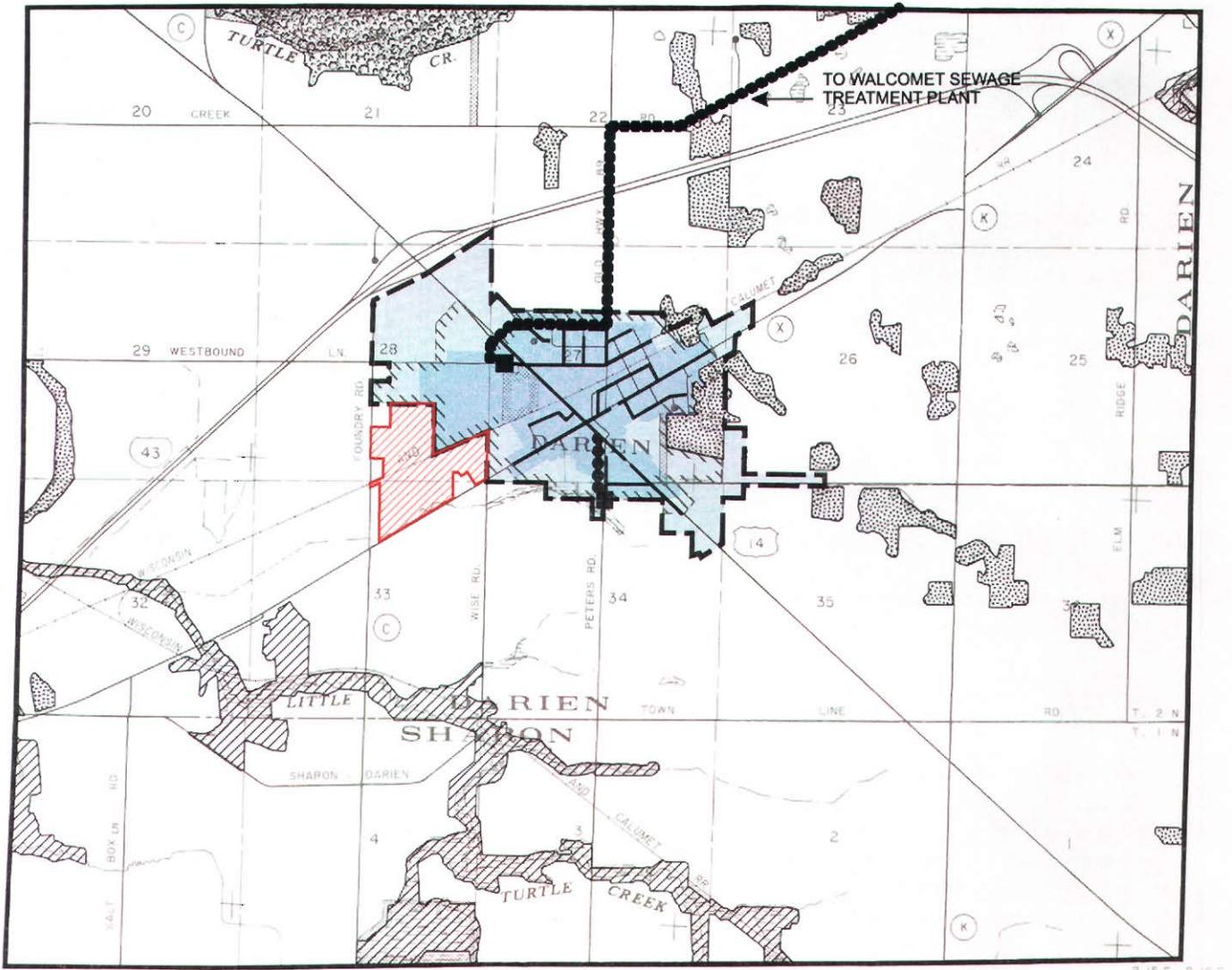
The Board of Commissioners of the Walworth County Metropolitan Sewerage District adopted the plan amendment, as revised to reflect concerns raised at the public hearing, on June 13, 2000.

## CONCLUDING RECOMMENDATION

Based upon the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the sanitary sewer service area for the Darien area as documented in SEWRPC Community Assistance Planning Report No. 123 (2nd Edition) in the manner identified on Map 2.

## Map 2

### RECOMMENDED REVISION TO THE DARIEN SANITARY SEWER SERVICE AREA (Post-Public Hearing)



Source: SEWRPC.