

AMENDMENT TO THE

**REGIONAL WATER QUALITY
MANAGEMENT PLAN**

VILLAGE OF DARIEN

AS ADOPTED BY THE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

DECEMBER 2005

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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 (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 Milwaukee Public Museum, Milwaukee, Wisconsin, on the 7th day of December 2005, 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 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 Pewaukee, Wisconsin, this 8th day of December 2005.

Thomas H. Buestrin, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:

Philip C. Evenson, Deputy Secretary

RESOLUTION NO. 2005-21

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 66.0309(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 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*, dated July 1992, as amended; and

WHEREAS, by letter dated October 6, 2005, the Walworth County Metropolitan Sewerage District 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 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 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 November 8, 2005; 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 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 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.

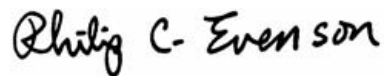
THIRD: That a true, correct, and exact copy of this resolution, together with the aforementioned SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 7th day of December 2005, 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 VILLAGE OF DARIEN SANITARY SEWER SERVICE AREA

INTRODUCTION AND BACKGROUND

By letter dated October 6, 2005, the Walworth County Metropolitan Sewerage District (WalCoMet) requested that the Southeastern Wisconsin Regional Planning Commission amend the Darien sanitary sewer service area as 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 the amendment would be to include within the planned sewer service area certain lands located immediately adjacent to, but outside of, the currently adopted sewer service area.

AREA DESCRIPTION

Two 20-acre areas are proposed to be added to the Darien sanitary sewer service area, to encompass a total 40 acres. One area is located in the northeast quarter of U.S. Public Land Survey Section 27, Township 2 North, Range 15 East, and the other is located in the southwest quarter of Section 26, as indicated on Map 1. The subject areas contain 5 acres of environmentally significant lands, including 4 acres of isolated natural resource area and 1 acre of small wetlands. The remainder of 35 acres is anticipated to be developed for residential use to accommodate about 80 housing units with an estimated population of about 220 persons.

A more detailed delineation of the amended sewer service area and of the environmentally significant lands within is shown on the aerial photographs reproduced as Maps 2 and 3.

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

The proposed addition of 40 acres to the Darien sanitary sewer service area represents an increase in the planned sewer service area of 4.6 percent. Including the potential population of the area proposed to be added to the sewer service area at this time, 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 lie within the year 2020 population projection range for the Darien area embodied in the regional land use plan.

WATER QUALITY IMPACTS

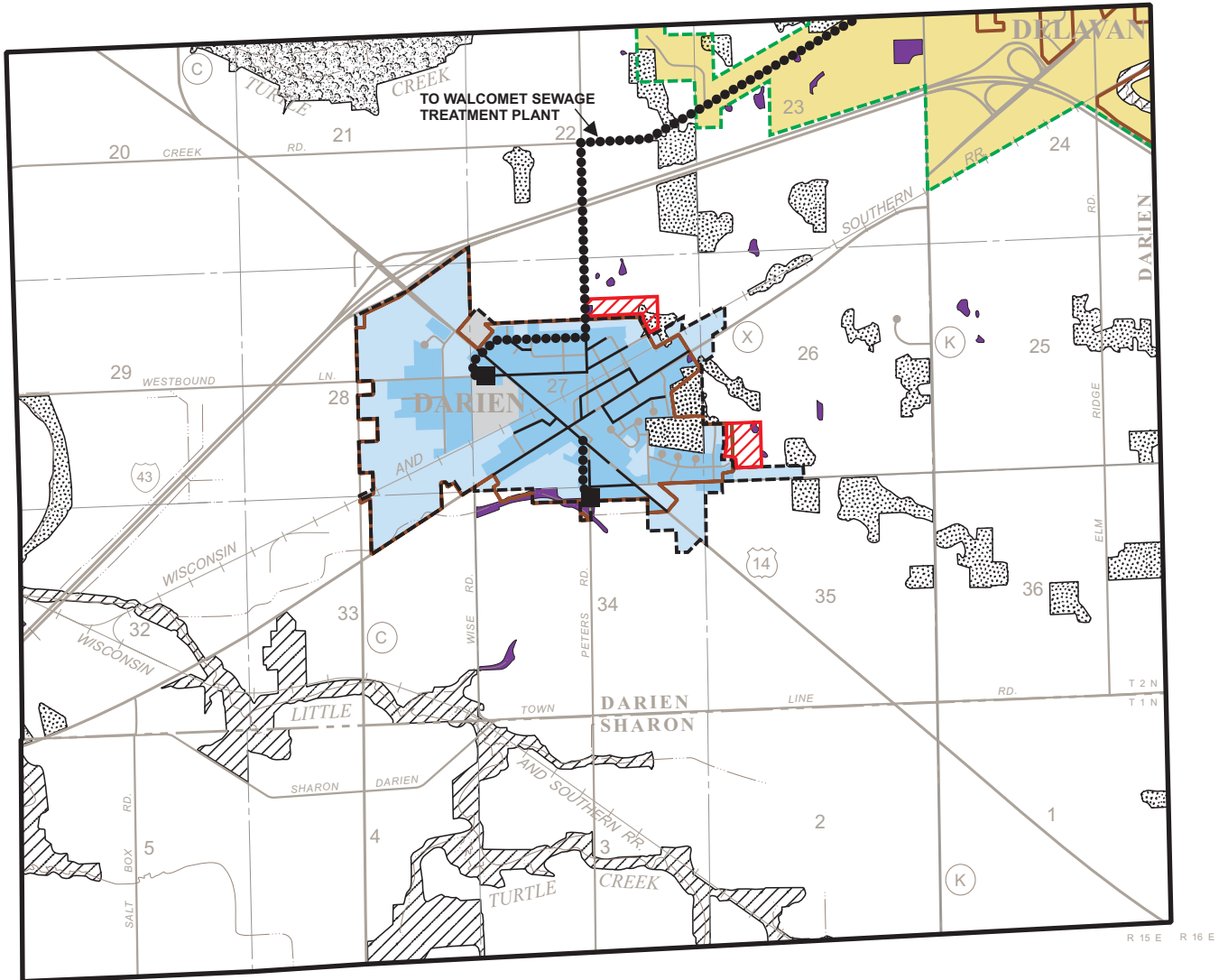
Under the adopted regional water quality management plan and the refined Darien sanitary sewer service area plan herein set forth, it is envisioned that all urban lands within the planned urban service area would receive sanitary sewer service. Assuming that all applicable Federal, State, and local permits 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.














SEWAGE TREATMENT PLANT CAPACITY IMPACT ANALYSIS

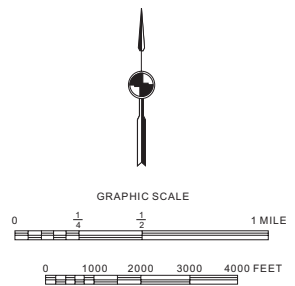
Sewage from the Darien area is treated at the WalCoMet sewage treatment facility located in the City of Delavan. The WalCoMet sewage treatment plant has a hydraulic design capacity of 5.75 million gallons per day (mgd) on an average annual basis. The current hydraulic loading to the plant is about 4.1 mgd on an average annual basis. The anticipated sewage flow to be generated in the area proposed to be added to the Darien sewer service area may be expected to be about 0.03 mgd on an average annual basis. Thus, the treatment plant has available capacity to serve the proposed addition to sewer service area.

Map 1

PROPOSED AMENDMENT TO THE VILLAGE OF DARIEN SANITARY SEWER SERVICE AREA



-  PRIMARY ENVIRONMENTAL CORRIDOR
-  SECONDARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA
-  WETLANDS AND SURFACE WATER AREAS LESS THAN FIVE ACRES IN SIZE
-  AREA SERVED BY VILLAGE OF DARIEN SANITARY SEWERAGE SYSTEM: 2000
-  PLANNED SANITARY SEWER SERVICE AREA FOR THE VILLAGE OF DARIEN
-  AIRPORTS, LARGE PARK AND RECREATION SITES, AND SIMILAR USES WITHIN THE SEWER SERVICE AREA
-  OTHER PLANNED SANITARY SEWER SERVICE AREAS (DELANAN/DELANAN LAKE)
-  AREAS PROPOSED TO BE ADDED TO THE DARIEN SANITARY SEWER SERVICE AREA
-  PLANNED SANITARY SEWER SERVICE AREA BOUNDARY
-  EXISTING FORCE MAIN
-  EXISTING PUMPING STATION
-  EXISTING TRUNK SEWER



Source: SEWRPC.

PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on November 8, 2005 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, 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 Commissioners of the Walworth County Metropolitan Sewerage District adopted the plan amendment on November 8, 2005.

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 Darien as documented in SEWRPC Community Assistance Planning Report No. 123 (2nd Edition) in the manner identified on Map 1.

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

U. S. Public Land Survey Section 27
Township 2 North, Range 15 East



Photography Date: April 2000



ISOLATED NATURAL RESOURCE AREA



WETLANDS AND SURFACE WATER AREAS LESS THAN FIVE ACRES IN SIZE



PLANNED SANITARY SEWER SERVICE AREA

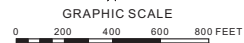


GROSS SANITARY SEWER SERVICE AREA BOUNDARY

NOTE:

This map replaces a portion of Map 6-5, page 23, of SEWRPC Community Assistance Planning Report No. 123 (2nd Edition), *Sanitary Sewer Service Area for the Village of Darien, Walworth County, Wisconsin*, July 1992.

Source: SEWRPC.






Map 3

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

U. S. Public Land Survey Section 26
Township 2 North, Range 15 East

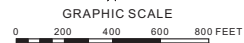


Photography Date: April 2000

-  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

NOTE: This map replaces a portion of Map 6-6, page 24, of SEWRPC Community Assistance Planning Report No. 123 (2nd Edition), *Sanitary Sewer Service Area for the Village of Darien, Walworth County, Wisconsin*, July 1992.



Source: SEWRPC.