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SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION STAFF

	Philip C. Evenson, AICP Executive Director
	Kenneth R. Yunker, PE Assistant Director
	Robert P. Biebel, PE Chief Environmental Engineer
	Monica C. Drewniany, AICP Chief Community Assistance Planner
	Leland H. Kreblin, RLS
	Elizabeth A. Larsen
	Donald R. Martinson, PE Chief Transportation Planner
٠,	John G. McDougall Geographic Information Systems Manager
	John R. Meland
	Bruce P. Rubin

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

916 N. EAST AVENUE

P.O. BOX 1607

WAUKESHA, WISCONSIN 53187-1607

TELEPHONE (414) 547-6721 FAX (414) 547-1103

Serving the Counties of: KENOSHA

MILWAUKEE OZAUKEE

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WASHINGTO

WAUKESHA

SUBJECT:

Certification of Amendment to the Adopted Regional Water Quality

Management Plan (Delavan-Delavan Lake 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 Town of Delavan,

This is to certify that at a special meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Commission Offices, Waukesha, Wisconsin, on the 26th day of March 1998, the Commission did by vote of all Commissioners present, being 12 ayes and 1 nay, 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 Delavan-Delavan Lake 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

the Walworth County Metropolitan Sewerage District, and the Delavan Lake Sanitary District

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 27th day of March 1998.

transmitted to the constituent local units of government for consideration, adoption, and

William Ryan Stan William R. Drew, Vice-Chairman

Southeastern Wisconsin

Regional Planning Commission

ATTEST:

Chilip C- Evenson

Philip C. Evenson, Deputy Secretary

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RESOLUTION NO. 98-4

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 (DELAVAN-DELAVAN LAKE SANITARY SEWER SERVICE AREA)

WHEREAS, pursuant to Section 66.945(10) of the <u>Wisconsin Statutes</u>, 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, <u>A Regional Water Quality Management Plan for Southeastern Wisconsin: 2000</u>; 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 Delavan-Delavan Lake 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, November 1991; and

WHEREAS, by letter dated February 24, 1998, the Walworth County Metropolitan Sewerage District (WalCoMet), acting on behalf of the Delavan Lake Sanitary District, requested that the Commission amend the Delavan-Delavan Lake sanitary sewer service area to reflect a change in the delineation of a primary environmental corridor; 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) to Amend the Sanitary Sewer Service Area Plan Attendant to the WalCoMet Sewage Treatment Plant," 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 WalCoMet and the Regional Planning Commission on March 17, 1998; and

WHEREAS, Section 66.945(9) of the <u>Wisconsin Statutes</u> 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:

<u>FIRST</u>: 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 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 aforereferenced SEWRPC staff memorandum.

<u>SECOND</u>: 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.

-2-RESOLUTION 98-4

<u>THIRD</u>: 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 a special meeting of the Southeastern Wisconsin Regional Planning Commission held on the 26th day of March 1998, the vote being: Ayes 12; Nays 1.

William Ryan Stan
William R. Drew, Vice-Chairman

ATTEST:

Chiling C- Evenson

Philip C. Evenson, Deputy Secretary

SEWRPC STAFF MEMORANDUM

RESPONSE TO REQUEST BY THE WALWORTH COUNTY METROPOLITAN SEWERAGE DISTRICT (WALCOMET) TO AMEND THE SANITARY SEWER SERVICE AREA PLAN ATTENDANT TO THE WALCOMET SEWAGE TREATMENT PLANT

INTRODUCTION AND BACKGROUND

By letter dated February 24, 1998, the Walworth County Metropolitan Sewerage District (WalCoMet), acting on behalf of the Delavan Lake Sanitary District, requested that the Southeastern Wisconsin Regional Planning Commission amend the Delavan-Delavan Lake 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, as amended. The basic purpose of the amendment would be to reflect a change in the delineation of a primary environmental corridor within the Delavan Lake Sanitary District.

AREA DESCRIPTION

The primary environmental corridor in question is located in the northwest one-quarter of U.S. Public Land Survey Section 23, Township 2 North, Range 16 East, Town of Delavan, and is shown on Map 1. Sometime between 1990 and 1995, about four acres of the subject corridor were cleared of vegetation and used for agricultural purposes. The land was sold subsequent to its conversion to agricultural use, and is currently vacant. As a result of the removal of trees from the subject lands, those lands no longer meet the criteria for inclusion within the primary environmental corridor. None of the subject area is encompassed within wetlands or floodlands. It is anticipated that the 4-acre subject area would comprise a portion of a 40-acre development site proposed to accommodate an 84-unit apartment building and an additional 189 housing units.

WATER QUALITY IMPACTS

Most of the stormwater runoff from the aforementioned development site would be conveyed to stormwater detention ponds prior to discharge to the wetland complex along Jackson Creek. The areas generally along the west, north, and east property limits of the development site would be drained a short distance over land to the wetland complex. The detention ponds would also receive off-site stormwater runoff from an area south of Town Hall Road. Given the extent of development proposed, and the proposal to provide wet detention for most of the site as well as for an offsite area, there should be no increases expected in the nonpoint source pollutant loadings of conventional pollutant sediment and phosphorus from the development site, compared to the loadings expected to be contributed by that site under its current agricultural uses. There may be some increases in nonpoint source pollutants typically associated with urbanization, such as metals. The change in environmental corridor status proposed for a 4-acre portion of the site, however, is not expected to have a significant impact on urban-related nonpoint source pollutant loadings.

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, including the subject 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 lands within the planned sanitary sewer service area.

COST-EFFECTIVENESS ANALYSIS

The lands in question lie completely within the currently approved Delavan-Delavan Lake sanitary sewer service area. The nearest other public sanitary sewer systems, the Fontana-Walworth and City of Lake Geneva sewerage systems, are both located approximately six miles from the subject area. Prior studies have determined that the subject lands could best be served through the WalCoMet sewerage system.

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

U. S. Public Land Survey Sections 13, 14, 23, and 24 Township 2 North, Range 16 East



LEGEND



PRIMARY ENVIRONMENTAL CORRIDOR



AREA TO BE REMOVED FROM THE PRIMARY ENVIRONMENTAL CORRIDOR



ISOLATED NATURAL RESOURCE AREA

Source: SEWRPC.



PLANNED SANITARY SEWER SERVICE AREA



GROSS SANITARY SEWER SERVICE AREA BOUNDARY

NOTE: This map replaces Map 11-29, page 60, SEWRPC Community Assistance Planning Report No. 56 (2nd Edition), Sanitary Sewer Service Area for the Walworth County Metropolitan Sewerage District, Walworth County, Wisconsin, November 1991.



SEWAGE TREATMENT PLANT CAPACITY IMPACT ANALYSIS

The WalCoMet sewage treatment plant has a capacity to treat 3.86 million gallons of wastewater on an average daily basis. The current loading to the plant is about 2.50 million gallons per day (mgd) on an average annual basis. The anticipated sewage flow to be generated in the 4-acre area proposed to be removed from the primary environmental corridor, along with the surrounding area proposed to be developed, is estimated to be about 100,000 gallons per day on an average annual basis. The amount of sewage flow generated is not expected to be impacted significantly by the removal of a 4-acre portion of the site from the primary environmental corridor. Thus, the District's sewage treatment plant has capacity to accommodate the proposed development.

PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on March 17, 1998, for the purpose of receiving comment on the plan amendment as shown on Map 1. The hearing was sponsored by the Walworth County Metropolitan Sewerage District and the Regional Planning Commission. A brief summary of the plan amendment was presented prior to receiving public comment; comments on the amendment and the accompanying map were then solicited. A review of the hearing record indicates that no substantive concerns were raised. A representative of the Delavan Lake Sanitary District indicated that the District fully supported the plan amendment.

LOCAL GOVERNMENT SUPPORT FOR THE PLAN AMENDMENT

The Walworth County Planning, Zoning, and Sanitation Committee approved a site development plan for the area surrounding and including the subject 4-acre area on February 20, 1998, subject to completion of a sanitary sewer service area amendment revising the boundary of the primary environmental corridor. The Walworth County Metropolitan Sewerage District Commission adopted the sanitary sewer service area plan amendment on March 17, 1998.

CONCLUDING RECOMMENDATION

Based upon the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the Delavan-Delavan Lake sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 56 (2nd Edition) in the manner identified on Map 1.