

Appendix I

**Sussex Regional Water Quality Management
Plan**

AMENDMENT TO THE

**REGIONAL WATER QUALITY
MANAGEMENT PLAN**

**VILLAGE OF SUSSEX
AND ENVIRONS**

AS ADOPTED BY THE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

SEPTEMBER 2007

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SUBJECT: Certification of Amendment to the Adopted Regional Water Quality Management Plan (Sussex Sanitary Sewer Service Area)

TO: The Legislative Bodies of Concerned Local Units of Government within the Southeastern Wisconsin Region, namely: the County of Waukesha, the Village of Sussex, and the Town of Lisbon

This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Waukesha County Airport, Waukesha, Wisconsin, on the 12th day of September 2007, 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 Sussex 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 13th day of September 2007.

Thomas H. Buestrin, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:

Philip C. Evenson, Deputy Secretary

RESOLUTION NO. 2007-16

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 (SUSSEX 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 7th day of September 1994, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the Sussex sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 84 (2nd Edition), *Sanitary Sewer Service Area for the Village of Sussex, Waukesha County, Wisconsin*, dated September 1994, as amended; and

WHEREAS, by letter dated July 30, 2007, the Village of Sussex and the Town of Lisbon requested that the Commission amend the Sussex sanitary sewer service area to add certain lands in the Town of Lisbon 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 Sussex and the Town of Lisbon to Amend the Sussex 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 Village of Sussex and the Regional Planning Commission on August 14, 2007; 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 7th day of September 1994 to include the refined Sussex sewer service area, as set forth in SEWRPC Community Assistance Planning Report No. 84 (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.

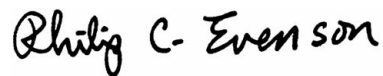
THIRD: That a true, correct, and exact copy of this resolution, together with the aforementioned SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 12th day of September 2007, 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 VILLAGE OF SUSSEX AND THE TOWN OF LISBON TO AMEND THE SUSSEX SANITARY SEWER SERVICE AREA

INTRODUCTION AND BACKGROUND

By letter dated July 30, 2007, the Village of Sussex, in response to a request from the Town of Lisbon, requested that the Southeastern Wisconsin Regional Planning Commission amend the sanitary sewer service area tributary to the Village of Sussex sewage treatment facility. That area is currently documented in SEWRPC Community Assistance Planning Report No. 84 (2nd Edition), *Sanitary Sewer Service Area for the Village of Sussex, Waukesha County, Wisconsin*, dated September 1994, as amended. The basic purpose of this amendment would be to include within the planned Sussex and environs sewer service area certain lands in the Town of Lisbon located immediately adjacent to, but outside, the currently adopted sewer service area.

AREA DESCRIPTION

The area proposed to be added to the sewer service area encompasses 14 acres located in the northeast quarter of U.S. Public Land Survey Section 32, Township 8 North, Range 19 East, in the Town of Lisbon, directly south of the Richmond Elementary School (see Map 1). The subject area contains 11 acres of existing urban land, including road rights-of-way, with three existing housing units. The subject area also contains a small 1.5-acre wetland and a 0.1-acre portion of an adjacent isolated natural resource area. The remainder of 1.4 acres is anticipated to accommodate a new Town of Lisbon fire station.

A more detailed delineation of the revised sewer service area and of the environmentally significant lands within is shown on the aerial photograph reproduced as Map 2.

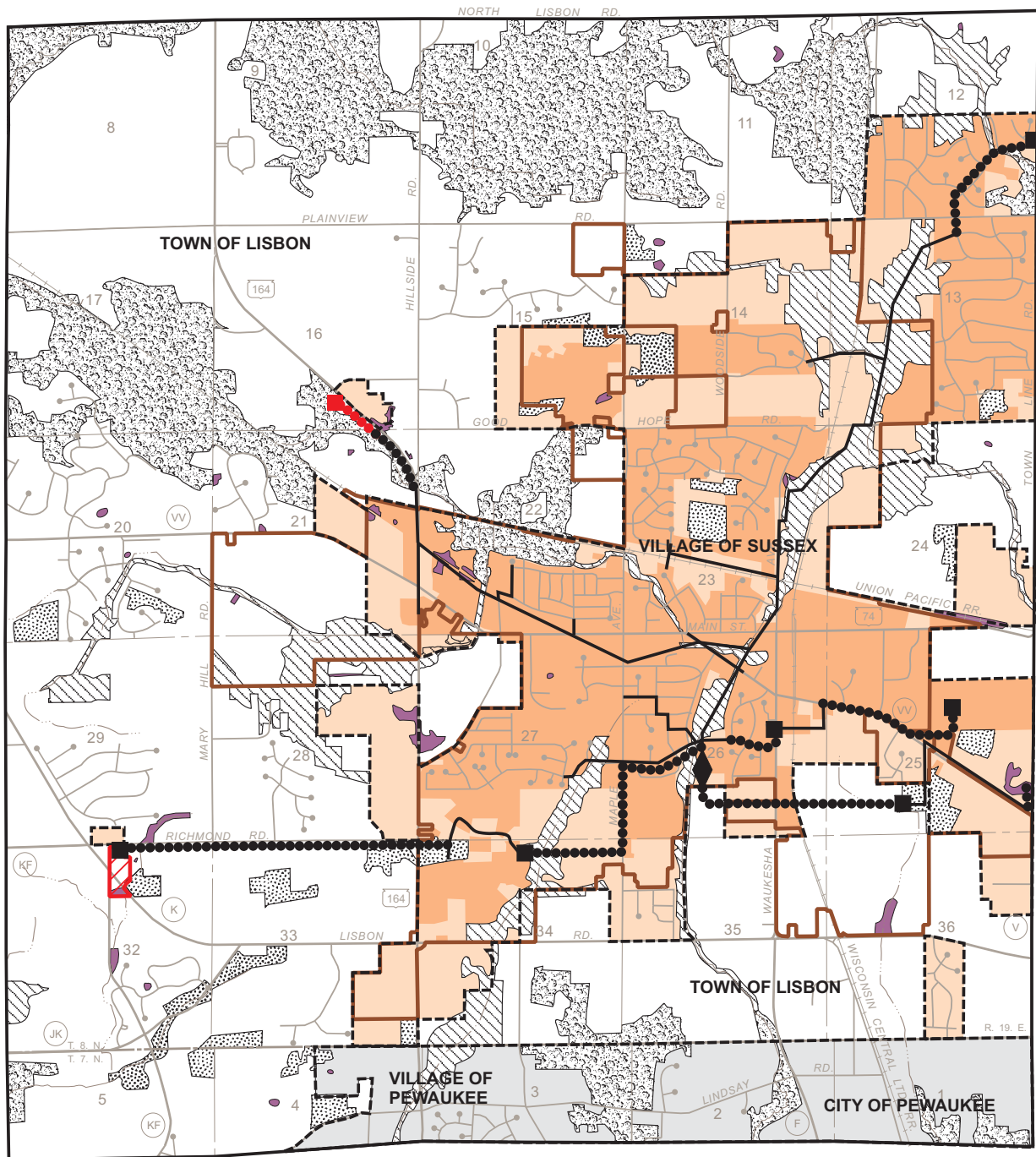
It should be noted that the currently proposed amendment is an interim expansion of the sewer service area. The Village of Sussex and the Town of Lisbon have sought further expansion of the sewer service area tributary to the Sussex sewage treatment plant, in accordance with their mutual boundary agreement. It is envisioned that a major revision of the Sussex and environs sewer service area will be completed in 2008.

RELATIONSHIP TO THE EXISTING SANITARY SEWER SERVICE AREA

The proposed addition of 14 acres to the Sussex sanitary sewer service area represents an increase in the planned sewer service area of about 0.3 percent and would add a negligible amount of population (approximately 10 persons) to the sewer service area. Thus, the areal extent and planned population of the Sussex and environs sewer service area would remain essentially unchanged.

WATER QUALITY IMPACTS

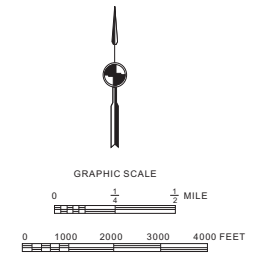
Under the adopted regional water quality management plan and the sanitary sewer service area plan herein set forth, it is envisioned that all urban lands within the planned urban service area would receive sanitary sewer service. In addition, the provision of public sanitary sewer service to those lands within the planned sanitary sewer service area which are currently developed and served by onsite sewage disposal systems may be expected to reduce the pollutant loadings from the existing onsite sewage disposal systems to both surface and ground waters. 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.



Map 1

PROPOSED AMENDMENT TO THE VILLAGE OF SUSSEX AND ENVIRONS SANITARY SEWER SERVICE AREA

- PRIMARY ENVIRONMENTAL CORRIDOR
- SECONDARY ENVIRONMENTAL CORRIDOR
- ISOLATED NATURAL RESOURCE AREA
- WETLANDS AND SURFACE WATER AREAS LESS THAN 5 ACRES IN SIZE
- PLANNED SANITARY SEWER SERVICE AREA BOUNDARY
- EXISTING AREA SERVED BY PUBLIC SANITARY SEWERS: 2000
- PLANNED SANITARY SEWER SERVICE AREA
- AREA PROPOSED TO BE ADDED TO THE SANITARY SEWER SERVICE AREA
- EXISTING PUBLIC SEWAGE TREATMENT FACILITY
- EXISTING PUMPING STATION
- EXISTING TRUNK SEWER
- EXISTING FORCE MAIN
- PROPOSED PUMPING STATION
- PROPOSED FORCE MAIN
- SANITARY SEWER SERVICE AREAS TRIBUTARY TO THE FOX RIVER WATER POLLUTION CONTROL CENTER SEWAGE TREATMENT PLANT



Source: SEWRPC.

SEWERAGE SYSTEM CAPACITY IMPACT ANALYSIS

The existing Village of Sussex sewage treatment plant has a hydraulic design capacity of about 3.2 million gallons per day (mgd) on an average annual flow basis. This treatment plant capacity is shared by the Villages of Sussex, Lannon, and Menomonee Falls; the Town of Lisbon Sanitary District No. 1; and the Town of Lisbon. The average annual flow rate to the treatment plant in 2006 was about 2.0 mgd. The sewage flow to be generated in the areas proposed to be added to the sewer service area is anticipated to be less than 0.01 mgd on an average annual basis. Thus, the treatment plant has capacity to serve the proposed addition to the sewer service area.

The Village of Sussex recently completed a facility plan for expansion of its sewage treatment plant to increase capacity from 3.2 mgd to as much as 5.1 mgd on an average annual basis. The Village has completed design work and construction for the plant expansion is underway. The project is expected to be completed in 2008.

PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on August 14, 2007, at the Sussex 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 Sussex 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 Trustees of the Village of Sussex adopted the plan amendment on August 14, 2007.

CONCLUDING RECOMMENDATION

Based on the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the Village of Sussex and environs sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. No. 84 (2nd Edition), as amended, in the manner identified on Map 1.





Map 2

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

Northeast Quarter of U. S. Public Land Survey Section 32 – Township 8 North, Range 19 East



Photography Date: April 2005

-  ISOLATED NATURAL RESOURCE AREA
-  WETLANDS AND SURFACE WATER AREAS LESS THAN FIVE ACRES IN SIZE
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY
-  PLANNED SANITARY SEWER SERVICE AREA

NOTE: This map replaces the corresponding portion of Map 1, page 2, of SEWRPC Amendment to the Regional Water Quality Management Plan, Village of Sussex/Town of Lisbon, June 1997.

Source: SEWRPC.

