

AMENDMENT TO THE

# **REGIONAL WATER QUALITY MANAGEMENT PLAN—2000**

## **VILLAGE OF SUSSEX/ TOWN OF LISBON**

The background is a detailed topographic map of the Village of Sussex and Town of Lisbon, Wisconsin. The map shows various geographical features including the Lisbon River, Merton Mill Pond, Ryan Park, and Pewaukee Village Park. A prominent blue shaded vertical strip runs through the center of the map, indicating the specific area covered by the water quality management plan. The map also includes a grid system with letters and numbers.

As ADOPTED BY THE

**SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION**

**JUNE 1997**

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Kenneth R. Yunker, PE ..... Assistant Director  
Robert P. Biebel, PE ..... Chief Environmental Engineer  
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# SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

916 N. EAST AVENUE • P.O. BOX 1607 • WAUKESHA, WISCONSIN 53187-1607 •

TELEPHONE (414) 547-6721  
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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 annual meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Washington County Courthouse, West Bend, Wisconsin, on the 18th day of June 1997, the Commission did by unanimous vote by all Commissioners present, being 17 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 proposed 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 Waukesha, Wisconsin, this 19th day of June 1997.



Thomas H. Buestrin, Chairman  
Southeastern Wisconsin  
Regional Planning Commission

**ATTEST:**

*Philip C. Evenson*

Philip C. Evenson, Deputy Secretary

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**RESOLUTION NO. 97-7**

**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 COMPRISED 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 66.945(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 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 attendant to the Village of Sussex sewage treatment facility as documented in SEWRPC Community Assistance Planning Report No. 84 (Second Edition), Sanitary Sewer Service Area for the Village of Sussex, Waukesha County, Wisconsin, dated September 1994; and

WHEREAS, by letter dated April 1, 1997, the Richmond School District requested that the Commission amend the Sussex 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 Richmond School District to Amend the Sussex Sanitary Sewer Service Area," attached hereto and made a part hereof, which memorandum concludes that the plan amendment requested by the Richmond School District is sound and in the public interest; 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:

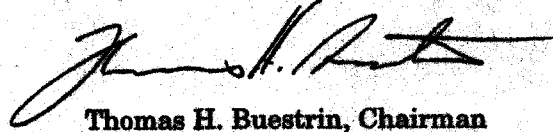
**FIRST:** That the regional water quality management plan for the Southeastern Wisconsin Region, being a part of the master plan for the physical development of the Region and comprised of SEWRPC Planning Report No. 30, Volumes One, Two, and Three, which was adopted by the Commission as a part of the master plan on the 12th day of July 1979, and which was amended on the 7th day of September 1994 to include the refined Sussex sanitary sewer service area, as set forth in SEWRPC Community Assistance Planning Report No. 84 (Second Edition), be, and the same hereby is, amended in the manner identified on Map 1 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

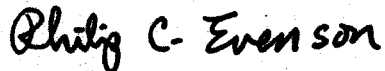
the law may require or as the Commission, its Executive Committee, or its Executive Director, at their discretion, shall determine and direct.

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 18th day of June 1997, the vote being: Ayes 17, Nays 0.



Thomas H. Buestrin, Chairman

ATTEST:



Philip C. Evenson, Deputy Secretary



## **SEWRPC STAFF MEMORANDUM**

### **RESPONSE TO REQUEST BY THE RICHMOND SCHOOL DISTRICT TO AMEND THE SUSSEX SANITARY SEWER SERVICE AREA**

#### **INTRODUCTION**

By letter dated April 1, 1997, the Richmond School District requested that the Southeastern Wisconsin Regional Planning Commission amend the Sussex sanitary sewer service area as that area is currently documented in SEWRPC Community Assistance Planning Report No. 84 (Second Edition), Sanitary Sewer Service Area for the Village of Sussex, Waukesha County, Wisconsin, dated September 1994. The basic purpose of the amendment would be to include within the planned Sussex sewer service area certain lands located outside of the currently adopted sewer service area to accommodate the expansion of the Richmond School.

#### **BACKGROUND**

The Regional Planning Commission recognizes that, like other long-range plans, sanitary sewer service area plans should periodically be reviewed to assure that the plans continue to reflect properly regional and local development objectives. When it is determined that a sewer service area refinement or amendment is necessary the Regional Planning Commission will undertake, in conjunction with the local units of government involved, the technical work required in the necessary sewer service area plan refinement or amendment effort.

#### **AREA DESCRIPTION**

As shown on Map 1, the land proposed to be added to the Village of Sussex sanitary sewer service area consists of an approximately 7.7-acre parcel located in U.S. Public Land Survey Section 29, Township 8 North, Range 19 East, Town of Lisbon, Waukesha County. The entire parcel is devoted to educational purposes, and includes one public school building, tennis courts, and an asphalt parking lot.

#### **WATER QUALITY IMPACTS**

There are no environmental corridor or isolated natural area lands in the area to be added to the Sussex sanitary sewer service area. The lands to be added are presently developed, thus, there should be no adverse water quality impacts attributable to the proposed connection of Richmond School to the Sussex sewerage system. Currently, the Richmond School facilities are served by a large-scale soil-absorption sewage-disposal system. That system is failing and cannot be cost-effectively rebuilt to accommodate an expanded school. Abandonment of this onsite system can be expected to have positive environmental impacts, eliminating the negative water quality impacts of a failing on-site system.

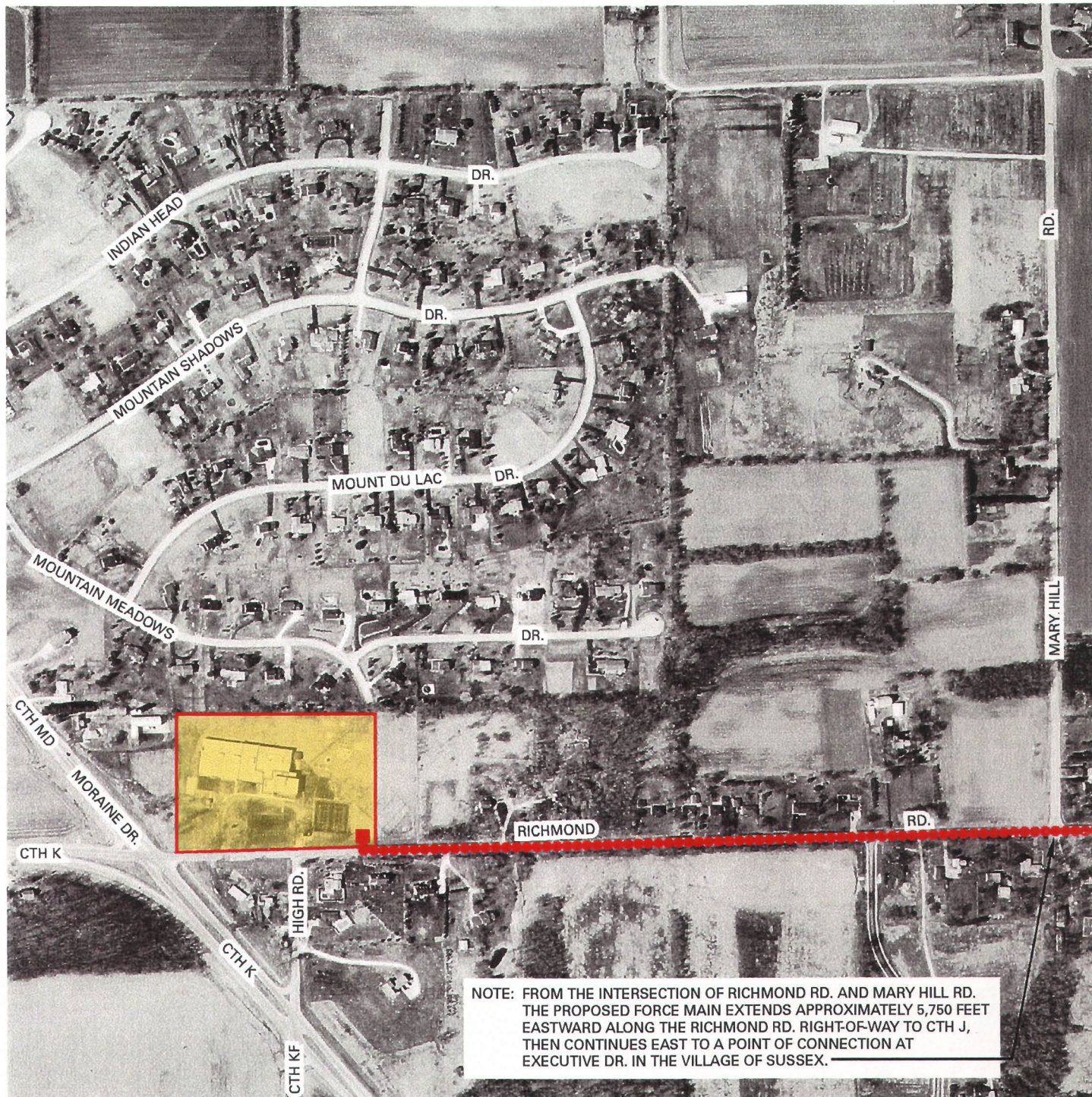
#### **COST-EFFECTIVENESS ANALYSIS**

The lands in question lie approximately one and one-half miles west of an existing sewer that has adequate capacity to accommodate sewage flows from the school. In the recent expansion of the Sussex sewage treatment facility, capacity was allocated for unspecified areas in the Town of Lisbon. The nearest other public sanitary sewerage system, the Pewaukee system, is located approximately two miles south of the subject area, and the nearest existing Pewaukee sewers are about three and one half miles away. Consequently, no further analyses were deemed to be required to conclude that the subject area would be sewermost cost-effectively through the public sewers tributary to the Village of Sussex sewerage system.



Map 1

RECOMMENDED ADDITION TO THE SUSSEX SEWER SERVICE AREA

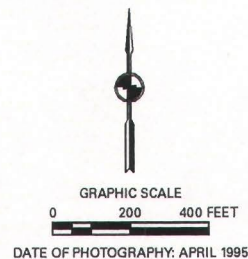


**RICHMOND ELEMENTARY SCHOOL  
PART OF SECTIONS 29 AND 30, T. 8 N., R. 19 E.  
TOWN OF LISBON, WAUKESHA COUNTY**

LEGEND

- AREA PROPOSED TO BE ADDED TO THE SUSSEX SEWER SERVICE AREA
- PROPOSED FORCE MAIN
- PROPOSED PUMPING STATION

Source: SEWRPC.





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

The existing Village of Sussex sewage treatment plant, which was expanded in 1994, has a hydraulic design capacity of 3.2 million gallons per day (mgd) on an average annual flow basis. The current loading to the plant is about 1.4 mgd. The anticipated sewage flow to be generated in the area proposed to be added to the Sussex sewer service area may be expected to be about 0.01 mgd on an average annual basis. Thus, the loading from the subject area is expected to be relatively small when compared to the total and available plant capacity.

## **PUBLIC INVOLVEMENT**

Public informational meetings were held on February 25, March 6, and March 17, 1997, to disseminate information and receive public comment on, the proposed Richmond School expansion and sanitary sewer addition. In addition, residents were given an opportunity to ask questions during telephone information sessions held between 6:45 and 8:15 p.m. on March 10 and March 31, 1997. Subsequent to these informational opportunities, a Richmond School District referendum election was held on April 1, 1997. The referendum election resulted in the electors approving of the planned school expansion project and the sanitary sewer connections to the Sussex system.

## **LOCAL GOVERNMENT SUPPORT FOR THE PLAN AMENDMENT**

The Village of Sussex and the Town of Lisbon acted to approve the Richmond School District sewer extension on November 26, 1996, and May 28, 1997, respectively.

## **CONCLUDING RECOMMENDATION**

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