

AMENDMENT TO THE

REGIONAL WATER QUALITY MANAGEMENT PLAN

VILLAGE OF BELGIUM

AS ADOPTED BY

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

DECEMBER 1998

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Kenneth R. Yunker, PE Assistant Director
Robert P. Biebel, PE Chief Environmental Engineer
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Leland H. Kreblin, RLS Chief Planning Illustrator
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John G. McDougall Geographic Information Systems Manager
John R. Meland Chief Economic Development Planner
Donald M. Reed Chief Biologist
Bruce P. Rubin Chief Land Use Planner

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

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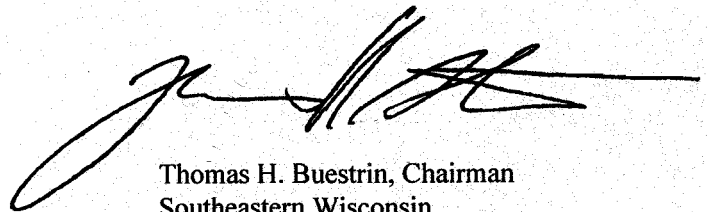
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SUBJECT: Certification of Amendment to the Adopted Regional Water Quality Management Plan (Belgium Sanitary Sewer Service Area)

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

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 2nd day of December 1998, the Commission did by (unanimous) vote of 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 revised Belgium 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 3rd day of December 1998.



Thomas H. Buestrin, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:

Philip C. Evenson

Philip C. Evenson, Deputy Secretary

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RESOLUTION NO. 98-13

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 (BELGIUM 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 15th day of September 1993, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the Belgium sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 97 (3rd Edition), Sanitary Sewer Service Area for the Village Of Belgium, Ozaukee County, Wisconsin, August 1993 as amended; and

WHEREAS, by letter dated July 29, 1998, the Village of Belgium requested that the Commission amend the Belgium 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 Village of Belgium to Amend the Belgium 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 Belgium and the Regional Planning Commission on November 19, 1998; 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;

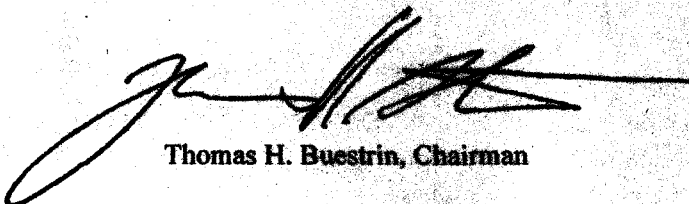
NOW, THEREFORE, BE IT HEREBY RESOLVED:

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 15th day of September 1993 as set forth in SEWRPC Community Assistance Planning Report No. 97 (3rd 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.

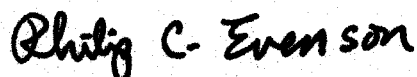
THIRD: That a true, correct, and exact copy of this resolution, together with the aforementioned SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 2nd day of December 1998, the vote being: Ayes 17; Nays 0.

A handwritten signature in black ink, appearing to read 'Thomas H. Buestrin', with a long horizontal flourish extending to the right.

Thomas H. Buestrin, Chairman

ATTEST:

A handwritten signature in black ink, appearing to read 'Philip C. Evenson', written in a cursive style.

Philip C. Evenson, Deputy Secretary

SEWRPC STAFF MEMORANDUM

RESPONSE TO REQUEST BY THE VILLAGE OF BELGIUM TO AMEND THE BELGIUM SANITARY SEWER SERVICE AREA

INTRODUCTION AND BACKGROUND

By letter dated July 29, 1998, the Village of Belgium requested that the Southeastern Wisconsin Regional Planning Commission amend the Belgium sanitary sewer service area as that area is currently documented in SEWRPC Community Assistance Planning Report No. 97 (3rd Edition), Sanitary Sewer Service Area for the Village of Belgium, Ozaukee County, Wisconsin, dated August 1993, as amended. The basic purpose of the amendment would be to include within the planned Belgium sewer service area lands anticipated to be developed for industrial and residential uses and located immediately adjacent to, but outside of, the currently adopted sewer service area. The Regional Planning Commission recognizes that, like other long-range plans, sanitary sewer service area plans should be periodically reviewed to assure that the plans continue to properly reflect regional and local development objectives.

AREA DESCRIPTION

As shown on Map 1, two separate areas proposed to be added to the sanitary sewer service area for the Village of Belgium encompass approximately 110 acres, and are located in U.S. Public Land Survey Sections 10 and 22, respectively, Township 12 North, Range 22 East, Village of Belgium, Ozaukee County, Wisconsin. These areas represent 8 percent of the total area of the currently adopted Belgium sanitary sewer service area. All of the subject areas are currently devoted to agricultural uses. None of the subject areas are encompassed within primary or secondary environmental corridor lands, isolated natural resource areas, wetlands, or floodlands. It is anticipated that a 90-acre area located in the northwestern portion of the Village would be developed for industrial purposes, while a 20-acre area located in the southeastern portion of the Village would be developed for residential purposes at a density of about 3 dwelling units per net acre. The area to be developed for residential use could accommodate as many as 45 housing units with a population of about 115 additional persons.

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

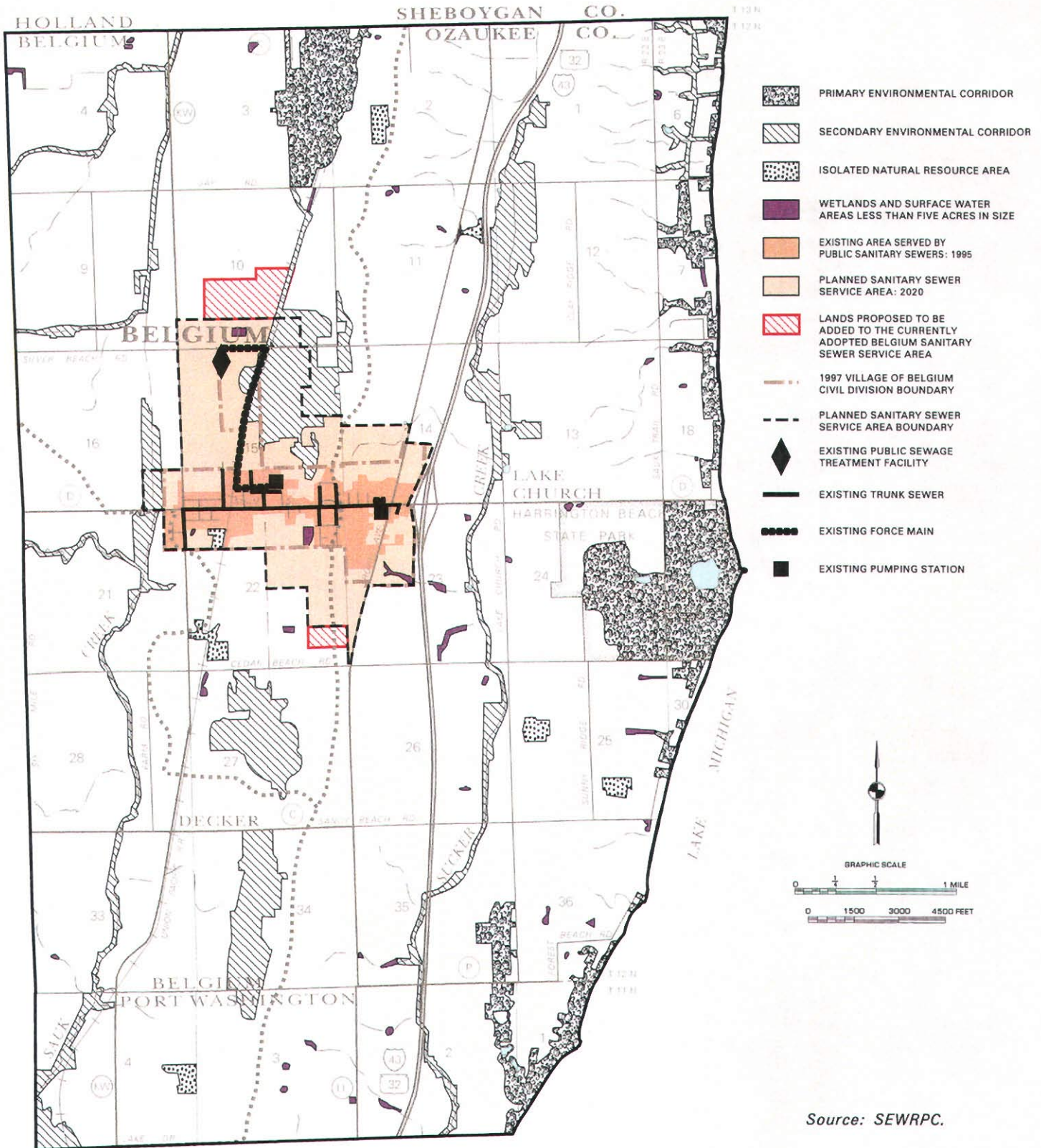
The revised sanitary sewer service area for the Village of Belgium, including the subject additional lands, would encompass about 2.2 square miles and would include about 0.2 square mile of secondary environmental corridor and about 0.1 square mile of isolated natural resource areas. Thus, about 0.3 square miles, or about 14 percent of the revised sewer service area, would be comprised of environmentally significant areas. Year 2020 resident population levels envisioned for the Belgium sanitary sewer service area would range from about 1,510 persons under the Commission's intermediate-growth centralized land use plan to about 3,800 persons under the Commission's high-growth decentralized land use plan. Based upon current community plans and zoning for the Village of Belgium, the revised sewer service area, including the subject additional lands, would accommodate a resident population of about 2,800 persons. This population level is within the range of population levels envisioned for the area under Commission alternative land use plans.

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.

Map 1

RECOMMENDED REVISION TO THE VILLAGE OF BELGIUM SANITARY SEWER SERVICE AREA



Source: SEWRPC.

COST-EFFECTIVENESS ANALYSIS

The lands in question lie immediately adjacent to the currently approved Belgium sanitary sewer service area. The nearest other public sanitary sewer system, the Village of Fredonia system, is located approximately 5 miles west of the Village of Belgium. Consequently, no further analyses were deemed necessary to conclude that the most cost-effective means of providing the subject area with public sanitary sewer service would be through sewers tributary to the sewage treatment plant owned and operated by the Village of Belgium.

SEWAGE TREATMENT PLANT CAPACITY IMPACT ANALYSIS

The Village of Belgium sewage treatment plant has a capacity of 0.19 million gallons per day (mgd) of sewage on an average annual basis. The current flow rate is about 0.18 mgd on an average annual basis. The anticipated sewage flow to be generated in the areas proposed to be added to the Belgium sewer service area may be expected to be about 0.10 mgd on an average annual basis upon full development. Analyses conducted under the aforementioned August, 1993, sewer service area plan and the regional water quality management plan update report entitled SEWRPC Memorandum Report No. 93, A Regional Water Quality Management Plan for Southeastern Wisconsin: An Update and Status Report, dated March 1995, indicates that the development of other lands within the sewer service area, and possibly the connection of the Lake Church area located immediately to the east of the service area, will result in a need to expand or replace the Village sewage treatment plant. Thus, the Village plant will need to be expanded to serve the development envisioned to take place within the sewer service area. Such an expansion is expected to be needed in the near future given the current sewage treatment plant loading, and due to pressures for additional development in the Village. The Village initiated the needed facility planning in July 1998.

PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on November 19, 1998, at the Belgium Village Hall to receive public comment on, and reaction to, the proposed plan amendment. The hearing was sponsored by the Village of Belgium 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 sensitive lands located within, along with a description of potential impacts for the Village's sewerage system.

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 Village of Belgium adopted the plan amendment on November 30, 1998.





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 Belgium sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 97 (3rd Edition), in the manner identified on Map 1. A more detailed delineation of the revised sewer service area and of the environmentally significant lands within is shown on aerial photographs reproduced as Maps 2 and 3.

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

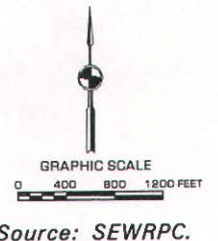
**U. S. Public Land Survey Sections 3, 4, 9, and 10
Township 12 North, Range 22 East**



-  PRIMARY ENVIRONMENTAL CORRIDOR
-  SECONDARY ENVIRONMENTAL CORRIDOR
-  WETLANDS AND SURFACE WATER AREAS LESS THAN FIVE ACRES IN SIZE
-  SURFACE WATER WITHIN ENVIRONMENTAL CORRIDORS AND ISOLATED NATURAL RESOURCE AREAS

-  PLANNED SANITARY SEWER SERVICE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY

NOTE: This map replaces Map 7-1, page 20, SEWRPC Community Assistance Planning Report No. 97 (3rd Edition), Sanitary Sewer Service Area for the Village of Belgium, Ozaukee County, Wisconsin, August 1993.

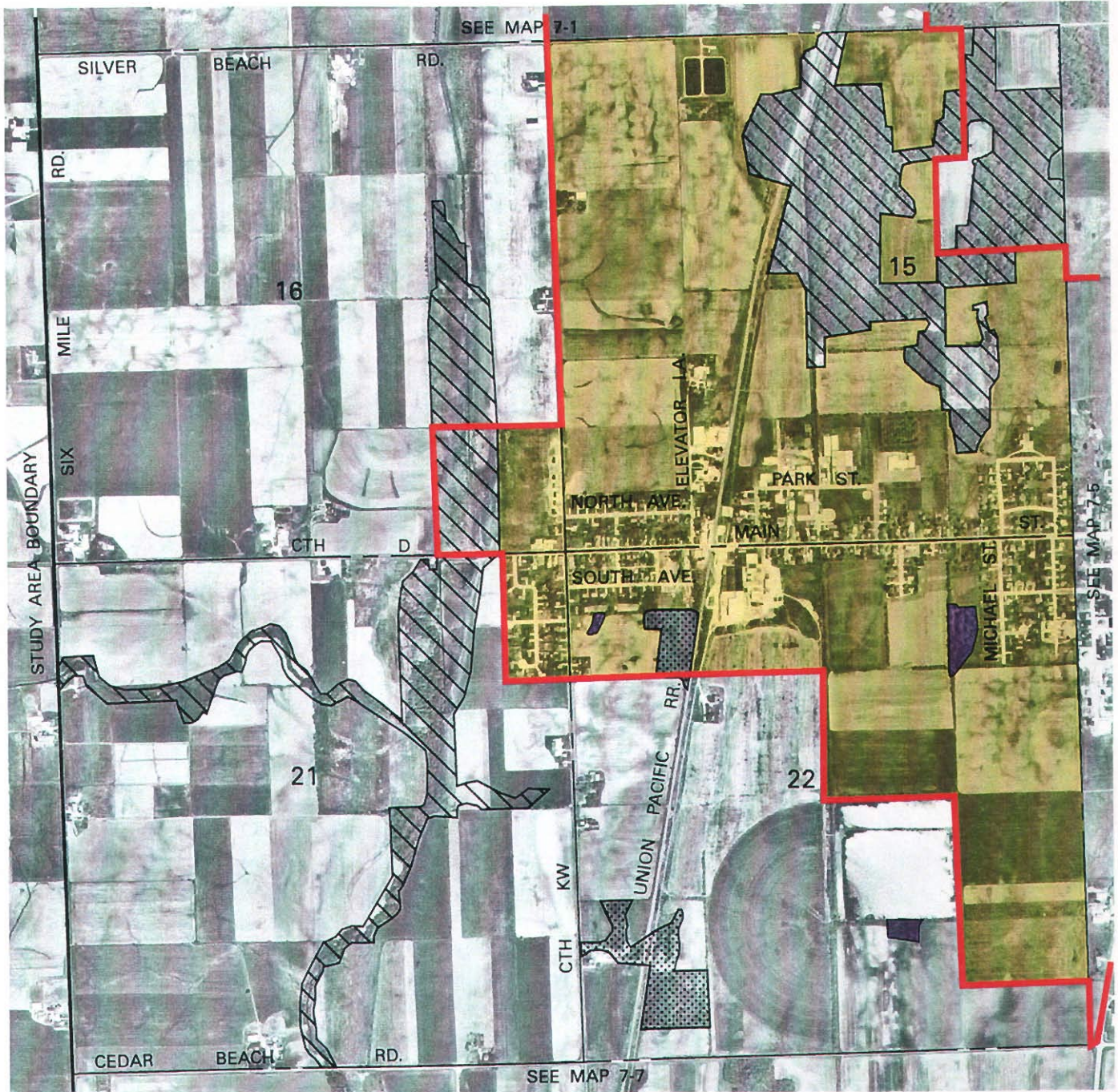






Source: SEWRPC.

Map 3

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

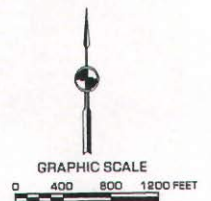
U. S. Public Land Survey Sections 15, 16, 21, and 22
Township 12 North, Range 22 East



-  SECONDARY ENVIRONMENTAL CORRIDOR
-  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 Map 7-4, page 23, SEWRPC Community Assistance Planning Report No. 97 (3rd Edition), Sanitary Sewer Service Area for the Village of Belgium, Ozaukee County, Wisconsin, August 1993.



Source: SEWRPC.