

AMENDMENT TO THE

**REGIONAL WATER QUALITY
MANAGEMENT PLAN**

VILLAGE OF SLINGER

AS ADOPTED BY THE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

JUNE 2002

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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 (Slinger Sanitary Sewer Service Area)

TO: The Legislative Bodies of Concerned Local Units of Government within the Southeastern Wisconsin Region, namely: the County of Washington, the Village of Slinger, the City of Hartford, and the Towns of Hartford and Polk.

This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Washington County Courthouse in West Bend, Wisconsin, on the 19th day of June 2002, the Commission did by unanimous vote of all Commissioners present, being 15 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 Slinger and environs 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 20th day of June 2002.

Thomas H. Buestrin, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:

Philip C. Evenson, Deputy Secretary

RESOLUTION NO. 2002-06

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 (SLINGER 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 4th day of December 1998, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the Slinger sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 128 (3rd Edition), *Sanitary Sewer Service Area for the Village of Slinger and Environs, Washington County, Wisconsin*, December 1998, and

WHEREAS, by letter dated February 6, 2002, the Village of Slinger requested that the Commission amend the Slinger 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 Slinger to Amend the Slinger 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 aforereferenced staff memorandum, was the subject of a public hearing held jointly by the Village of Slinger and the Regional Planning Commission on May 29, 2002; 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 4th day of December 1998 to include the refined Slinger sewer service area, as set forth in SEWRPC Community Assistance Planning Report No. 128 (3rd 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.

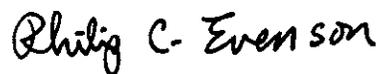
THIRD: That a true, correct, and exact copy of this resolution, together with the aforereferenced SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 19th day of June 2002, the vote being: Ayes 15; Nays 0.



Thomas H. Buestrin, Chairman

ATTEST:



Philip C. Evenson, Deputy Secretary

SEWRPC STAFF MEMORANDUM

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

INTRODUCTION AND BACKGROUND

By letter dated February 6, 2002, the Village of Slinger requested that the Southeastern Wisconsin Regional Planning Commission amend the Slinger sanitary sewer service area tributary to the Village of Slinger sewage treatment facility. That area is currently documented in SEWRPC Community Assistance Planning Report No. 128 (3rd Edition), *Sanitary Sewer Service Area for the Village of Slinger and Environs, Washington County, Wisconsin*, dated December 1998. The basic purpose of this amendment would be to include within the planned Slinger sewer service area certain lands located immediately adjacent to, but outside of, the currently adopted sewer service area.

AREA DESCRIPTION

As shown on Map 1, two areas are proposed to be added to the Slinger sanitary sewer service area, comprising a total of 235 acres and representing about 7 percent of the currently adopted sewer service area. The first of these areas encompasses 140 acres and is located southeast of the intersection of Arthur Road and STH 175 in U.S. Public Land Survey Section 12, Township 10 North, Range 18 East. This area includes 2 acres of existing residential use, 104 acres of existing agricultural use proposed for future residential development, 17 acres of existing primary environmental corridor, and 17 acres of farmed floodplains which are envisioned to eventually revert to a natural condition and become part of the adjacent primary environmental corridor when agricultural operations cease. The farmed floodplain area is included in the designated primary environmental corridor on Map 1. It is estimated that the 104 acres proposed for future residential development would accommodate a population of about 500 persons.

The second area encompasses 95 acres and is located one-quarter mile south of the interchange of STH 60 and USH 41 in U.S. Public Land Survey Section 21, Township 10 North, Range 19 East. This area does not include any environmentally significant lands, is currently in agricultural use, and is proposed for future commercial and industrial development.

More detailed delineations of the revised sewer service area and of the environmentally significant lands within are shown on the aerial photographs reproduced as Maps 2 and 3.

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

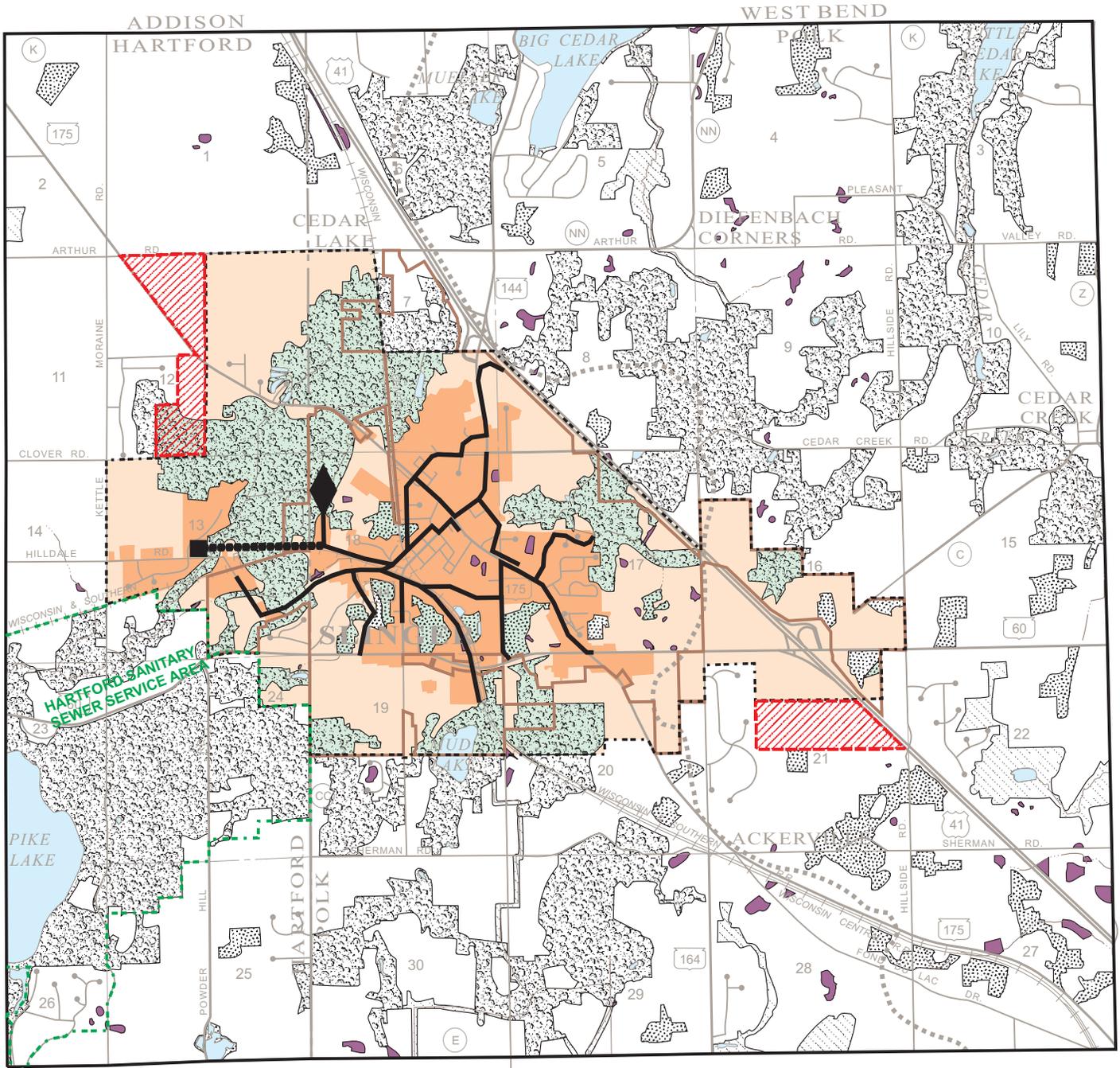
The proposed addition of 235 acres to the Slinger sanitary sewer service area represents an increase in the planned sewer service area of about 7 percent. The buildout population of the expanded sewer service area—that is, the estimated population which could be accommodated upon full development of the sewer service area—would lie within the year 2020 population projection range for this area embodied in the regional land use plan.

WATER QUALITY IMPACTS

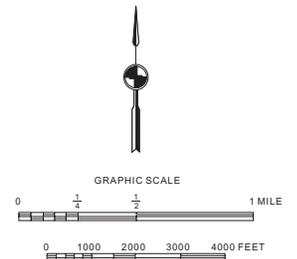
Under the adopted regional water quality management plan and the refined sanitary sewer service area plan herein set forth, it is envisioned that all urban lands within the planned urban service area would receive sanitary sewer service. Assuming that all applicable Federal, State, and local permits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

RECOMMENDED AMENDMENT TO THE VILLAGE OF SLINGER 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
-  EXISTING AREA SERVED BY PUBLIC SANITARY SEWER SYSTEM: 1995
-  PLANNED SANITARY SEWER SERVICE AREA: 2020
-  PLANNED SANITARY SEWER SERVICE AREA BOUNDARY
-  LANDS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA INELIGIBLE FOR SEWER SERVICE
-  EXISTING PUBLIC SEWAGE TREATMENT FACILITY
-  EXISTING TRUNK SEWER
-  EXISTING FORCE MAIN
-  EXISTING PUMPING STATION
-  2000 VILLAGE OF SLINGER CIVIL DIVISION BOUNDARY
-  AREAS PROPOSED TO BE ADDED TO THE SLINGER SANITARY SEWER SERVICE AREA



COST EFFECTIVENESS ANALYSIS

The proposed additions to the Slinger sanitary sewer service area are immediately adjacent to the currently approved sewer service area tributary to the Village of Slinger sewage treatment plant. The nearest other public sanitary sewer systems, those operated by the Village of Jackson and the City of Hartford, are both located 1 to 3 miles from the subject areas. Consequently, no further analysis is deemed necessary to conclude that the subject areas would be served most cost-effectively through connection to the Village of Slinger sewage treatment plant.

SEWAGE TREATMENT PLANT CAPACITY IMPACT ANALYSIS

The existing Village of Slinger sewage treatment facility has a hydraulic design capacity of 0.76 million gallons per day (mgd) on an average annual flow basis. The current flow rate is between 0.60 and 0.70 mgd on an average annual basis. The anticipated sewage flow to be generated in the areas proposed to be added to the Slinger sewer service area is expected to be about 0.06 mgd on an average annual basis.

In 2001, the Village of Slinger completed preparation of a wastewater facilities plan to determine the best means of upgrading and expanding the Village's sewage treatment plant. That facility plan provides for a hydraulic design capacity of 1.70 mgd on an average annual basis, based upon anticipated 2020 population levels and land uses consistent with the regional land use plan. The Village has adopted the facility plan but has not proceeded with detailed design work for expanding and upgrading the sewage treatment plant. At such time as the plant expansion is completed, there will be adequate capacity to treat sewage flows from the entire expanded sewer service area. In the interim, there is capacity available to accommodate the sewage flow from the areas proposed to be added to the sewer service area. However, the treatment plant loading is approaching the design capacity. Since design and construction work for the sewage treatment plant expansion would likely not be completed until 3 to 4 years from now, the Village may have to consider limiting new urban development in other parts of the sewer service area until that expansion is forthcoming.

PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on May 29, 2002, at the Slinger Village Hall to receive public comment on, and reaction to, the proposed plan amendment. The hearing was sponsored by the Village of Slinger 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 lands located within, along with a description of potential impacts for the Village 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 Board of Trustees of the Village of Slinger adopted the plan amendment on June 17, 2002.

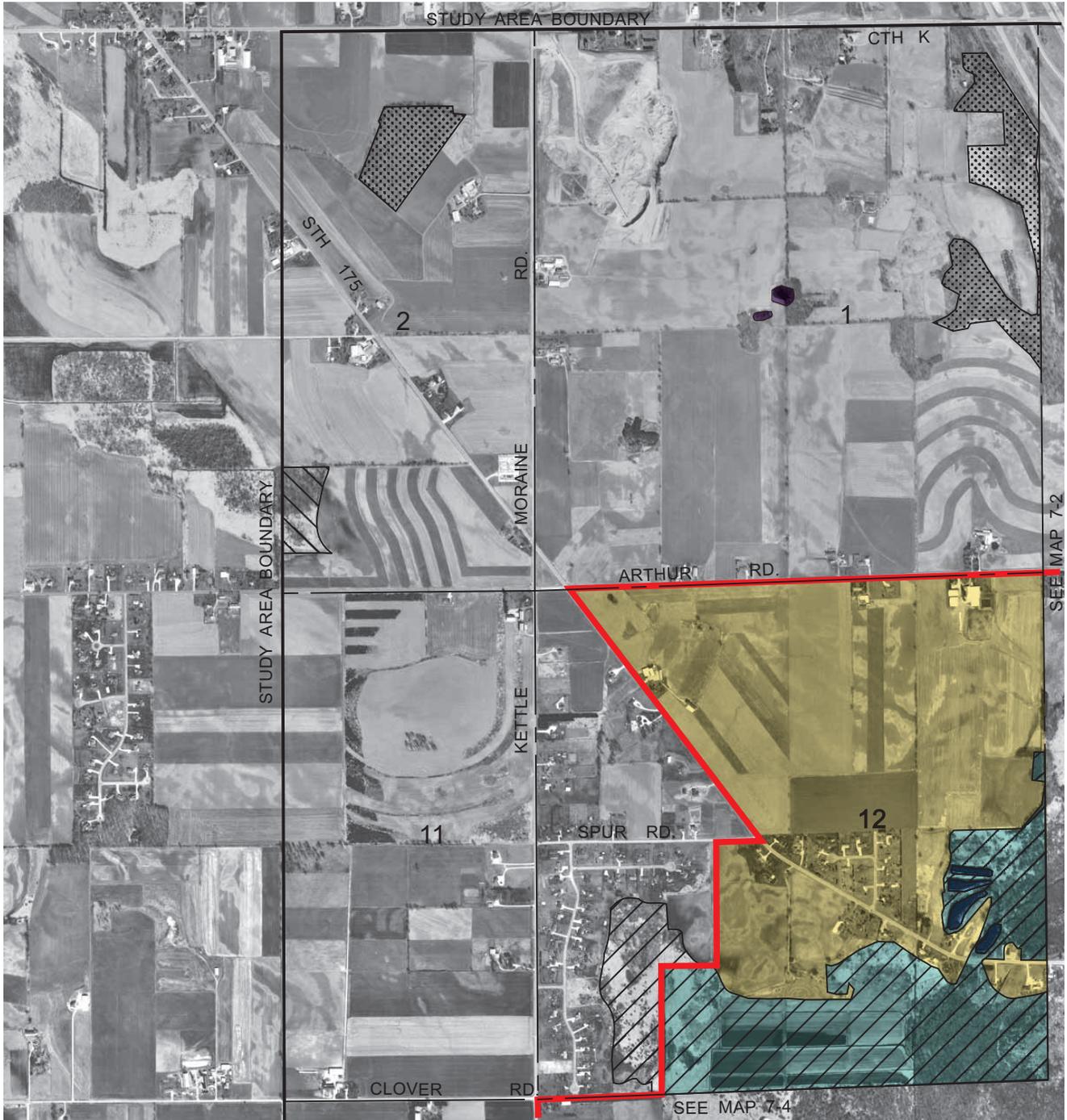
CONCLUDING RECOMMENDATION

Based upon the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the sanitary sewer service area for the Slinger area as documented in SEWRPC Community Assistance Planning Report No. 128 (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.

Map 2

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

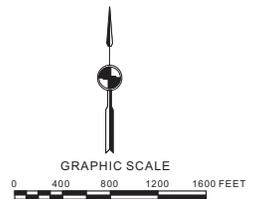
U. S. Public Land Survey Sections 1, 2, 11, and 12
Township 10 North, Range 18 East



Photography Date: March 2000

- | | | | |
|--|---|--|---|
| | PRIMARY ENVIRONMENTAL CORRIDOR | | PLANNED SANITARY SEWER SERVICE AREA |
| | SECONDARY ENVIRONMENTAL CORRIDOR | | GROSS SANITARY SEWER SERVICE AREA BOUNDARY |
| | ISOLATED NATURAL RESOURCE AREA | | LANDS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA INELIGIBLE FOR SEWER SERVICE |
| | WETLANDS AND SURFACE WATER AREAS LESS THAN FIVE ACRES IN SIZE | | |

NOTE: This map replaces Map 7-1, page 20, of SEWRPC Community Assistance Planning Report No. 128 (3rd Edition), *Sanitary Sewer Service Area for the Village of Slinger and Environs*, Washington County, Wisconsin, December 1998.

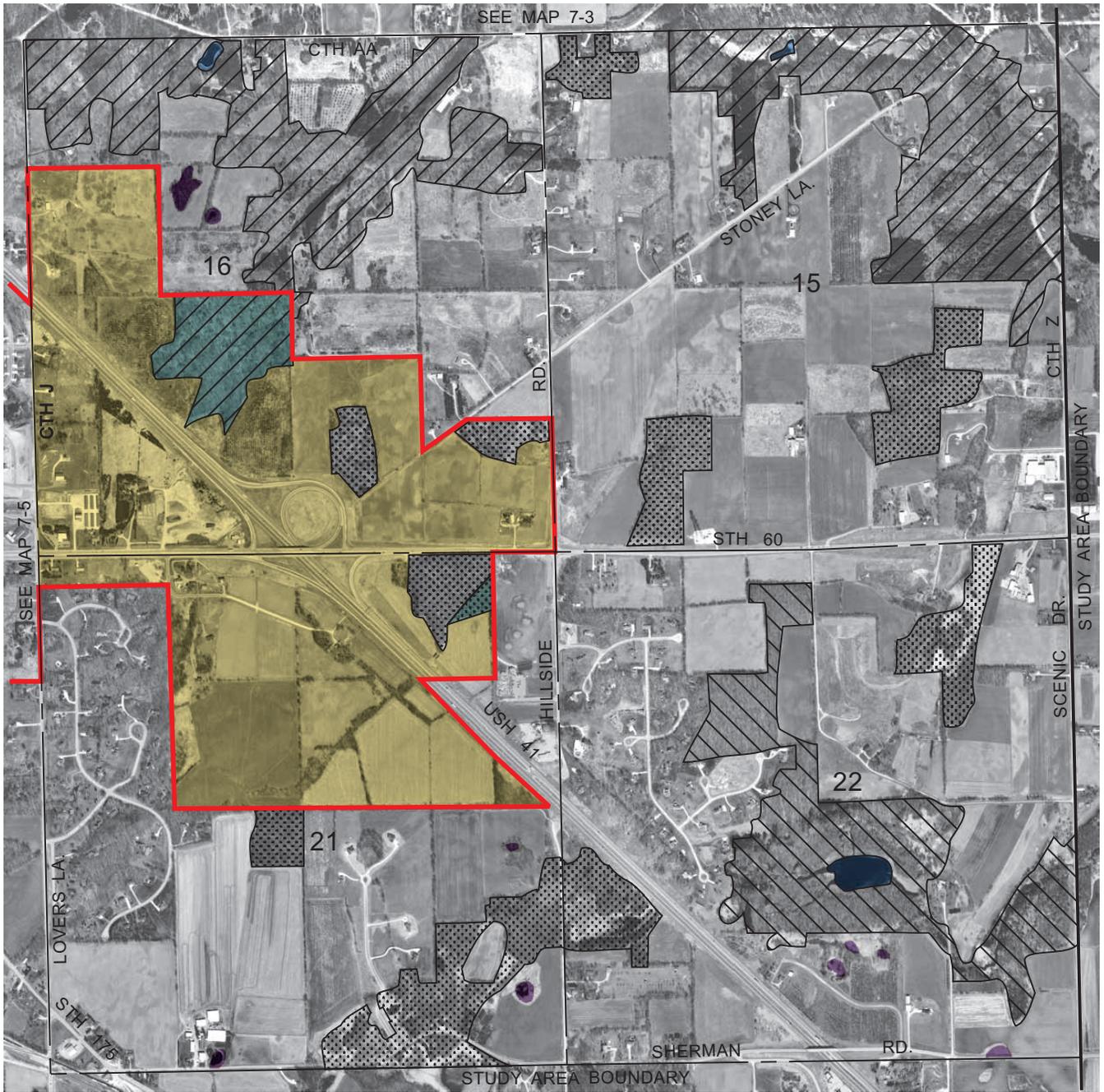


Source: SEWRPC.

Map 3

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

U. S. Public Land Survey Sections 15, 16, 21, and 22
Township 10 North, Range 19 East



Photography Date: March 2000

- | | | | |
|--|---|--|---|
| | PRIMARY ENVIRONMENTAL CORRIDOR | | PLANNED SANITARY SEWER SERVICE AREA |
| | SECONDARY ENVIRONMENTAL CORRIDOR | | GROSS SANITARY SEWER SERVICE AREA BOUNDARY |
| | ISOLATED NATURAL RESOURCE AREA | | LANDS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA INELIGIBLE FOR SEWER SERVICE |
| | WETLANDS AND SURFACE WATER AREAS LESS THAN FIVE ACRES IN SIZE | | |

NOTE: This map replaces Map 7-6, page 25, of SEWRPC Community Assistance Planning Report No. 128 (3rd Edition), *Sanitary Sewer Service Area for the Village of Slinger and Environs, Washington County, Wisconsin*, December 1998.

Source: SEWRPC.

