

AMENDMENT TO THE

**REGIONAL WATER QUALITY  
MANAGEMENT PLAN**

**VILLAGE OF HARTLAND**

AS ADOPTED BY THE

**SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION**

MARCH 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 (Hartland 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 Hartland, the Town of Merton, and the Delafield-Hartland Water Pollution Control Commission

This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Commission offices in Waukesha, Wisconsin, on the 6th day of March 2002, the Commission did by unanimous vote of all Commissioners present, being 16 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 Hartland 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 7th day of March 2002.

Thomas H. Buestrin, Chairman  
Southeastern Wisconsin  
Regional Planning Commission

ATTEST:

Philip C. Evenson, Deputy Secretary

**RESOLUTION NO. 2002-03**

**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 (HARTLAND 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 17th day of June 1985, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the Hartland sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 93, *Sanitary Sewer Service Area for the Village of Hartland, Waukesha County, Wisconsin*, April 1985, and

WHEREAS, by letter dated January 10, 2002, the Village of Hartland requested that the Commission amend the Hartland 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 Hartland to Amend the Hartland 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 Hartland and the Regional Planning Commission on February 11, 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;

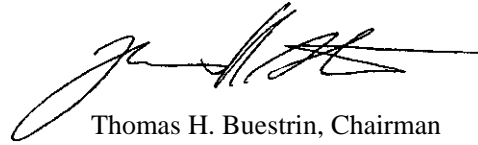
NOW, THEREFORE, BE IT HEREBY RESOLVED:

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 17th day of June 1985 to include the refined Hartland sewer service area, as set forth in SEWRPC Community Assistance Planning Report No. 93, 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.

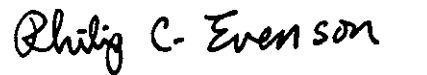
THIRD: That a true, correct, and exact copy of this resolution, together with the aforereferenced SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 6th day of March 2002, the vote being: Ayes 16; Nays 0.



Thomas H. Buestrin, Chairman

ATTEST:



Philip C. Evenson, Deputy Secretary

## **SEWRPC STAFF MEMORANDUM**

### **RESPONSE TO REQUEST BY THE VILLAGE OF HARTLAND TO AMEND THE HARTLAND SANITARY SEWER SERVICE AREA**

#### **INTRODUCTION AND BACKGROUND**

By letter dated January 10, 2002, the Village of Hartland requested that the Southeastern Wisconsin Regional Planning Commission amend the Hartland sanitary sewer service area as that area is currently documented in SEWRPC Community Assistance Planning Report No. 93, *Sanitary Sewer Service Area for the Village of Hartland, Waukesha County, Wisconsin*, dated April 1985, as amended. The basic purpose of the amendment would be to include within the planned sewer service area certain lands located immediately adjacent to, but outside, the currently adopted sewer service area in order to accommodate future residential and institutional development.

#### **AREA DESCRIPTION**

The areas proposed to be added to the Hartland sanitary sewer service area are shown in a red hatch pattern on Map 1. Together, these areas encompass 425 acres, including 14 acres of existing urban land; 21 acres comprised of secondary environmental corridors and isolated natural resource areas; and 390 acres comprised of agricultural and other open land.

The site located north of CTH K and west of CTH E is expected to be developed for public school related uses. The other sites—those located north of CTH K and east of CTH E—are expected to be developed for single-family residential use. It is expected that the new residential development would be accommodated, to a large extent, through cluster designs which maintain significant amounts of land in open space use. It is estimated that the areas proposed to be added to the sewer service area would accommodate about 345 additional dwelling units with a population of 840 persons.

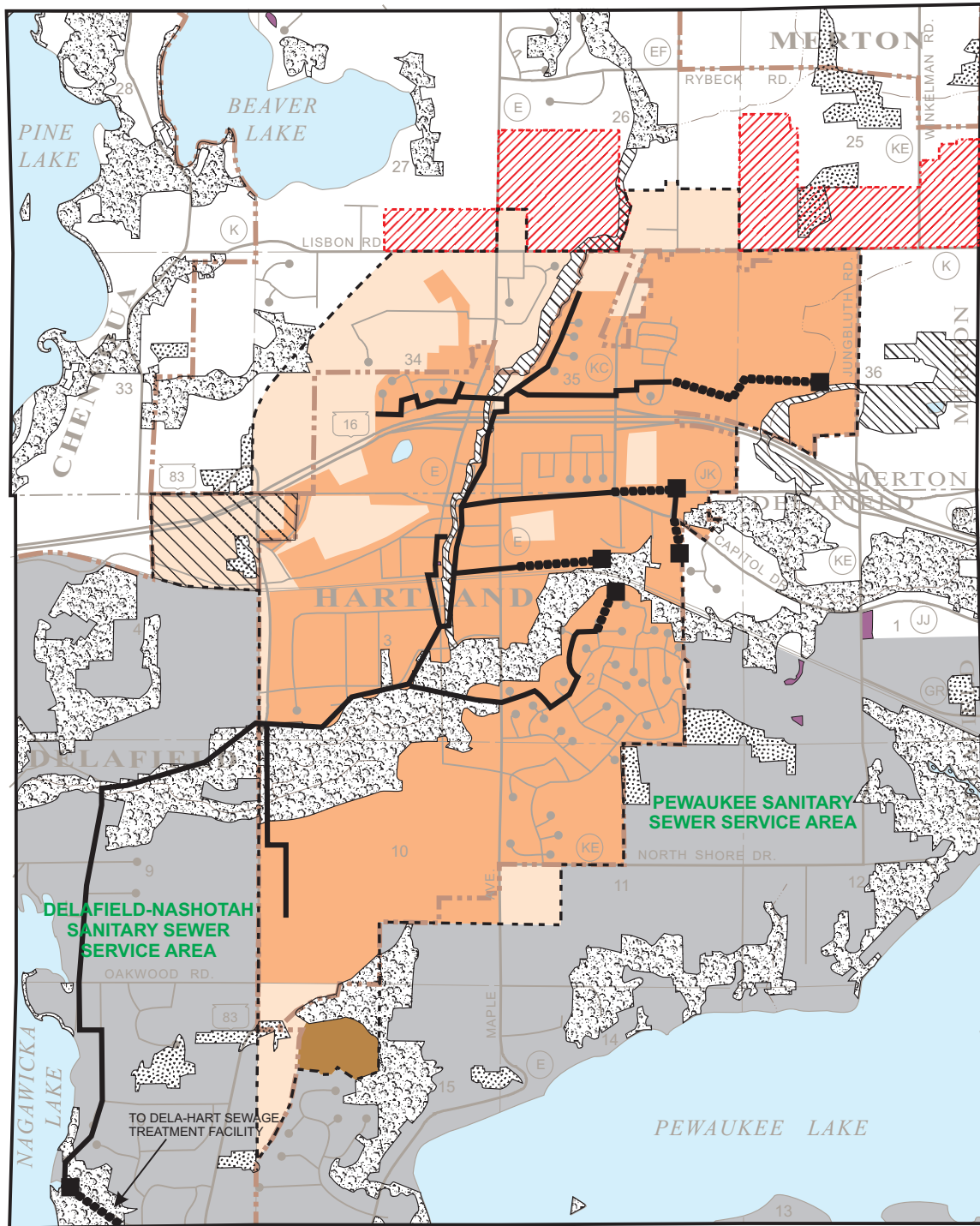
#### **RELATIONSHIP OF THE PROPOSED CHANGE TO THE EXISTING SANITARY SEWER SERVICE AREA**

The proposed addition of 425 acres to the Hartland sanitary sewer service area represents an increase in the planned sewer service area of 11 percent. With the proposed addition, the estimated buildout population of the Hartland sewer service area—that is, the population level which would be achieved upon full development of the planned sewer service area in accordance with locally planned densities—would be about 10,600 persons. The year 2020 population projection range for this area embodied in the regional land use plan is 11,400 to 13,400 persons.

One of the areas under consideration in this amendment—the site located north of CTH K and west of CTH E—was recommended under the Northwestern Waukesha County sewerage system plan to receive sanitary sewer service from the Oconomowoc sewerage system. Under that plan, however, sewer service is not envisioned until after the year 2010. The request for inclusion of the site in the Hartland sewer service area was initiated by the Arrowhead Union High School District, which is considering acquisition of this site for future school facility development. Existing Arrowhead High School facilities are located immediately south of this site, where sewerage service is provided through the Hartland system. The School District's plans for this site and a timeframe for development of the site are still evolving. In order to proceed with the acquisition, however, the District needs assurance that sewer service will be available at the time that the District decides to develop the site. The best assurance of obtaining sewer service in a timely manner appears to be through the Hartland sewerage system. It should be noted that adding this site to the Hartland sewer service area as part of this sewer service area amendment would constitute a refinement of the Northwestern Waukesha County sewerage system plan.



#### **WATER QUALITY IMPACTS**

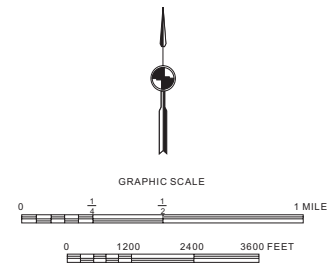
Under the adopted regional water quality management plan and the Hartland sanitary sewer service area plan presented herein, it is envisioned that all new urban development within the planned urban service area would receive sanitary



Map 1

### RECOMMENDED AMENDMENT TO THE HARTLAND 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 VILLAGE OF HARTLAND PUBLIC SANITARY SEWERS: 1999
-  PLANNED SANITARY SEWER SERVICE AREA: 2010
-  LANDS IN THE CITY OF DELAFIELD THAT ARE CURRENTLY OR ARE PROPOSED TO BE SERVED BY CITY OF DELAFIELD SEWERS WHICH CONNECT TO THE VILLAGE OF HARTLAND SEWER SYSTEM FOR CONVEYANCE TO THE DELA-HART SEWAGE TREATMENT FACILITY
-  AREAS PROPOSED TO BE ADDED TO THE HARTLAND SANITARY SEWER SERVICE AREA
-  AREA TEMPORARILY SERVED BY LAKE PEWAUKEE SANITARY DISTRICT SANITARY SEWERS
-  CITY AND VILLAGE BOUNDARIES
-  PLANNED SANITARY SEWER SERVICE AREA BOUNDARY
-  EXISTING TRUNK SEWER
-  EXISTING FORCE MAIN
-  EXISTING PUMPING STATION



Source: SEWRPC.

sewer service. In addition, public sanitary sewer service may be provided to those lands within the planned sanitary sewer service area which are already developed and served by onsite sewage disposal systems. This may be expected to reduce the pollutant loadings from the existing onsite sewage disposal systems to both surface and ground waters.

Accordingly, 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.

#### COST EFFECTIVENESS ANALYSIS

All of the areas proposed to be added are adjacent to the currently adopted Hartland sewer service area. No further analysis is necessary to conclude that the subject areas can be most cost effectively served through the Hartland sewerage system.

#### SEWERAGE SYSTEM CAPACITY IMPACT ANALYSIS

Sewage from the Village of Hartland is treated at the Delafield-Hartland Water Pollution Control Commission (Dela-Hart) sewage treatment facility. The Dela-Hart sewage treatment plant has a design capacity of 2.20 million gallons per day (mgd) on an average annual basis. The flow rate was about 1.76 mgd on an average annual basis in 2001. The Town of Summit Sanitary District No. 1 will be connected to the Dela-Hart system in 2002, pursuant to an intergovernmental agreement. This will add about 0.22 mgd, on an average annual basis, to the current flow rate. The anticipated sewage flow to be generated in the areas proposed to be added to the Hartland sewer service area may be expected to be about 0.1 mgd on an average annual basis. Thus, there is adequate sewage treatment plant capacity to serve the subject area.

A local facility plan completed by Dela-Hart in 2000 considered both new development within the current sewer service area and future connection of additional areas outside the current sewer service area to the year 2020. The facility plan recommends upgrading and expanding of the Dela-Hart sewage treatment plant to provide a total capacity of 3.1 mgd on an average annual basis.

#### PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on February 11, 2002, at the Hartland Village Hall to receive public comment on, and reaction to, the proposed plan amendment. The hearing was sponsored by the Village of Hartland and the Regional Planning Commission. A summary of the plan amendment was presented, 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 Hartland adopted the plan amendment on February 11, 2002.  
The Delafield-Hartland Water Pollution Control Commission adopted the plan amendment on February 12, 2002.

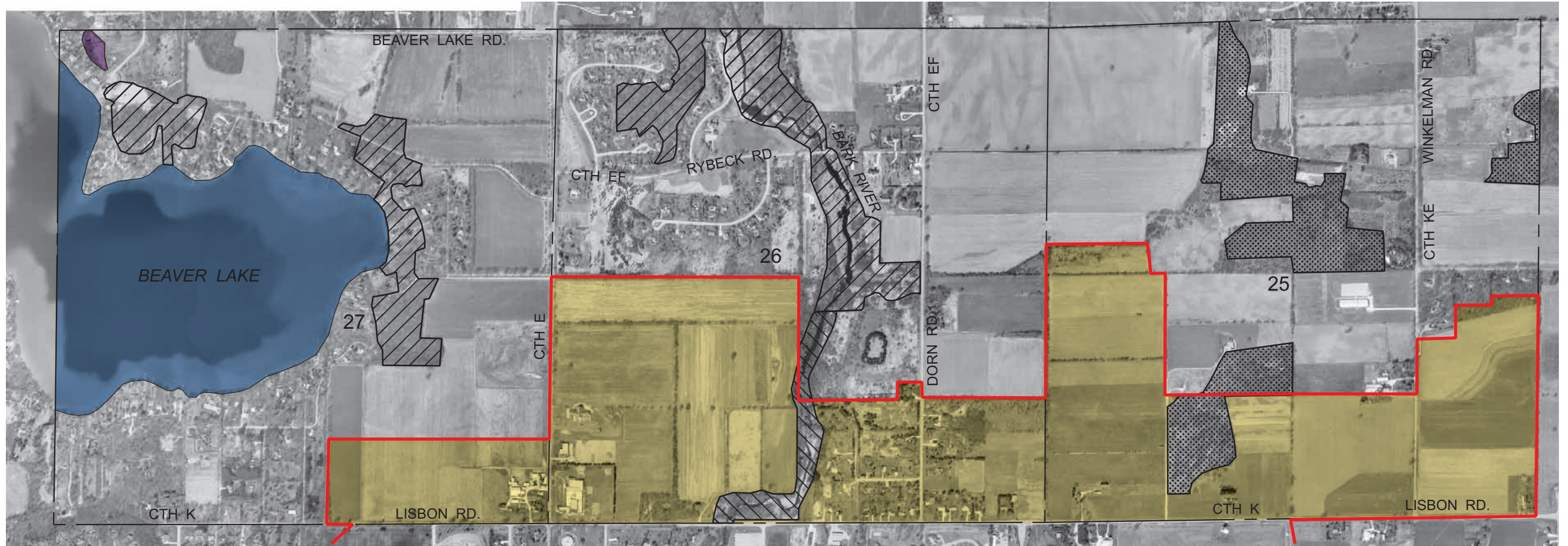
#### CONCLUDING RECOMMENDATION

Based upon the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the sanitary sewer service area for the Hartland area as documented in SEWRPC Community Assistance Planning Report No. 93, as amended, 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 an aerial photograph reproduced as Map 2.









Map 2 ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE VILLAGE OF HARTLAND AND ENVIRONS

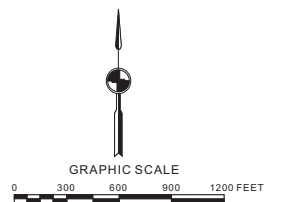
U.S Public Land Survey Sections 25, 26, and 27 Township 8 North, Range 18 East



Photography Date: March 2000

-  PRIMARY ENVIRONMENTAL CORRIDOR
-  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 the corresponding portions of Maps 8-1 and 8-2, pages 25 and 26, of SEWRPC Community Assistance Planning Report No. 93, *Sanitary Sewer Service Area for the Village of Hartland, Waukesha County, Wisconsin*, April 1985.



Source: SEWRPC.