A detailed topographic map of the Hartland, Wisconsin area. The map shows various geographical features including lakes (Pine Lake, Beaver Lake, Nagawicka Lake, Kettle Moraine State Forest, Ethan Allen School, Delafield, Genesee, and Retzer Nature Center), roads (Highway 83, 18, 94), and town boundaries (Merton, Delafield, Hartland, Nixon, Hopah, Delafield, Pewaukee, Genesee). A prominent vertical blue shaded area runs through the center of the map, representing the water quality management plan area. The text 'AMENDMENT TO THE REGIONAL WATER QUALITY MANAGEMENT PLAN--2000' is overlaid in large, bold, black letters across the center of the map.

**AMENDMENT TO THE
REGIONAL WATER QUALITY
MANAGEMENT PLAN--2000**

VILLAGE OF HARTLAND

**AS ADOPTED BY THE
SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION**

JUNE 1991

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REGIONAL PLANNING COMMISSION**

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Leland H. Kreblin, RLSChief Planning Illustrator
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Joan A. ZenkAdministrative Officer

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, and the Delafield-Hartland Water Pollution Control Commission

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 19th day of June 1991, the Commission did by unanimous vote by 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. The said amendment to the regional water quality management plan pertains to the proposed sanitary sewer service area for the Village of Hartland 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 1991.

Frank F. Uttech

Frank F. Uttech, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:

Kurt W. Bauer

Kurt W. Bauer, Secretary

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RESOLUTION NO. 91-11

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 (HARTLAND 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 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, on April 24, 1991, the Village of Hartland requested that the Commission amend the Hartland sanitary sewer service area to include lands located adjacent to, but outside, the 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, which memorandum concludes that the plan amendment requested by the Village of Hartland 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:

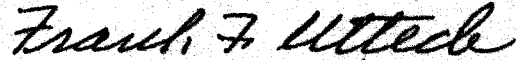
FIRST: That the regional water quality management plan for the Southeastern Wisconsin Region, being a part of the master plan for the physical development of the Region and comprised of SEWRPC Planning Report No. 30, Volumes One, Two, and Three, which was adopted by the Commission as a part of the master plan on the 12th day of July 1979, and which was amended on the 17th day of June 1985 to include the initial refined Hartland sanitary 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 Industry, Labor and Human Relations 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 1991, the vote being: Ayes 15; Nays 0.



Frank Uttech, Chairman

ATTEST:



Kurt W. Bauer, Deputy Secretary

SEWRPC STAFF MEMORANDUM

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

INTRODUCTION

By letter dated April 24, 1991, 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, April 1985. The basic purpose of the amendment would be to include within the planned Hartland sewer service area certain lands located immediately adjacent to the adopted sewer service area.

AREA DESCRIPTION

As shown on Map 1, the area proposed to be added to the Hartland sanitary sewer service area encompasses about 39 acres. The subject area is located in U. S. Public Land Survey Section 35, Township 8 North, Range 18 East, Village of Hartland, Waukesha County, Wisconsin.

At the present time, the subject area includes about one acre encompassing one single-family housing unit. The remaining 38 acres consist of agricultural and other open space lands. It is anticipated that the subject area will be developed primarily for residential land uses.

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

The revised year 2010 Hartland sanitary sewer service area, including the subject area, would encompass about 4.7 square miles and would include about 0.5 square mile of primary environmental corridor, about 0.1 square mile of secondary environmental corridor, and less than 0.1 square mile of isolated natural area. Thus, about 0.6 square mile, or about 13 percent, of the revised sewer service area would be comprised of environmentally significant lands. The revised overall estimated residential density within the Hartland sewer service area would approximate 3.9 housing units per net residential acre. This density lies within the recommended density range for the Hartland area of the Region as identified in the adopted regional land use and regional water quality management plans.

WATER QUALITY IMPACTS

Since there are no environmental corridor or isolated natural area lands in the area to be added to the Hartland sanitary sewer service area, there should be no significant adverse water quality impacts attributable to the development of this area.

COST-EFFECTIVENESS ANALYSIS

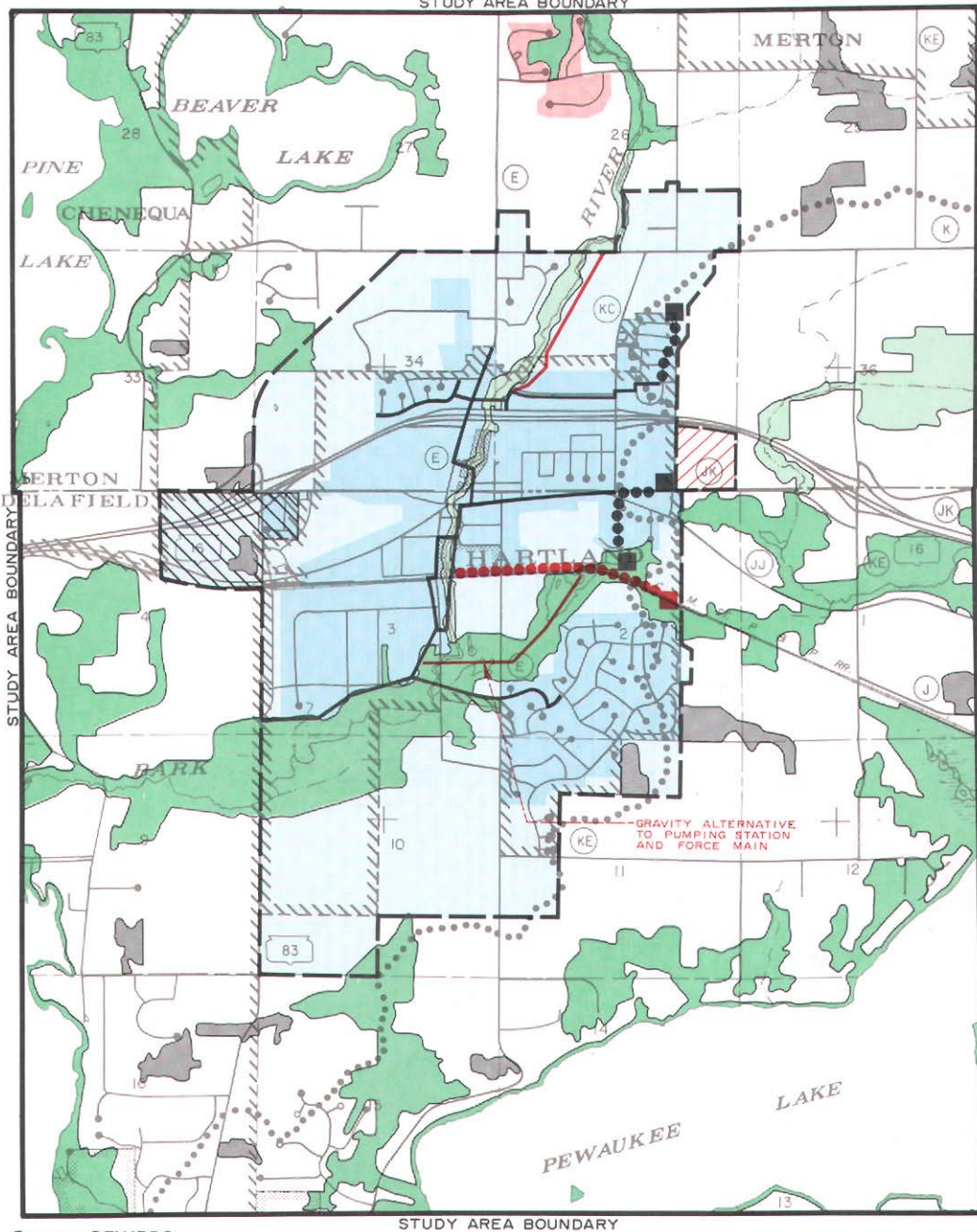
The land in question lies immediately adjacent to the currently approved Hartland sanitary sewer service area. In addition, areas currently served with public sewers are contiguous to the area proposed to be added to the service area. The nearest other public sanitary sewer system is located over one mile away and would entail crossing largely undeveloped lands. Consequently, no further detailed analyses were deemed to be required to conclude that the subject area would be sewerred most cost-effectively through the Village of Hartland sewerage system.

SEWAGE TREATMENT PLANT CAPACITY IMPACT ANALYSIS

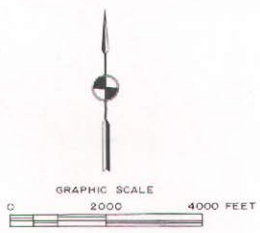
The Delafield-Hartland Water Pollution Control Commission sewage treatment plant has a capacity to treat 2.25 million gallons of wastewater on an average daily basis. The current loading to the plant

Map 1

HARTLAND SANITARY SEWER SERVICE AREA
STUDY AREA BOUNDARY



- LEGEND**
- PRIMARY ENVIRONMENTAL CORRIDOR
 - SECONDARY ENVIRONMENTAL CORRIDOR
 - ISOLATED NATURAL AREA
 - NET SANITARY SEWER SERVICE AREA (EXISTING)
 - NET SANITARY SEWER SERVICE AREA (2000)
 - GROSS SANITARY SEWER SERVICE AREA BOUNDARY
 - EXISTING TRUNK SEWER
 - EXISTING FORCE MAIN
 - EXISTING PUMPING STATION
 - PROPOSED TRUNK SEWER
 - PROPOSED FORCE MAIN
 - PROPOSED PUMPING STATION
 - LANDS IN THE CITY OF DELAFIELD WHICH 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
 - LOCATION OF SUBDIVISION EXPERIENCING ONSITE SEWAGE DISPOSAL PROBLEMS
 - LANDS TO BE ADDED TO THE HARTLAND SANITARY SEWER SERVICE AREA



Source: SEWRPC.

STUDY AREA BOUNDARY

is about 1.35 million gallons per day (mgd) on an average annual basis and about 1.47 mgd on a maximum monthly basis. The anticipated sewage flow to be generated in the area proposed to be added to the Hartland sewer service area is estimated to be about 0.02 mgd on an average annual basis and 0.03 on a maximum monthly average basis upon full development. In addition, the year 2010 planned population level of about 18,200 persons for the entire sewer service area, including the currently unsewered Nashotah-Nemahbin Lakes areas, is expected to result in an average daily sewage flow of about 2.20 mgd on an average annual basis and about 2.90 mgd on a maximum monthly average. This population level is based upon the Commission's year 2010 intermediate-growth centralized land use plan. Thus, the Commission will likely need to initiate facility planning for a plant expansion by about the year 2000, provided that the Nemahbin-Nashotah Lakes areas are connected by that time.

LOCAL GOVERNMENT SUPPORT FOR PLAN AMENDMENT

The lands involved in the plan amendment lie within the Village of Hartland. The proposed plan amendment was requested by, and is supported by, the Village Board of the Village of Hartland.

CONCLUDING RECOMMENDATION

Based upon the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the sanitary sewer service area as documented in the aforementioned SEWRPC Community Assistance Planning Report No. 93 in the manner identified in Map 1. A more detailed delineation of the revised sewer service area and of the environmentally significant lands therein 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, 35, and 36
Township 8 North, Range 18 East



LEGEND

-  PRIMARY ENVIRONMENTAL CORRIDOR
-  SECONDARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL AREA
-  PLANNED SANITARY SEWER SERVICE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY

Source: SEWRPC.

NOTE: This map replaces Map 8-2, page 26, SEWRPC Community Assistance Planning Report No. 93, Sanitary Sewer Service Area for the Village of Hartland, Waukesha County, Wisconsin

