

AMENDMENT TO THE

# REGIONAL WATER QUALITY MANAGEMENT PLAN

## VILLAGE OF HARTLAND

AS ADOPTED BY THE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

JUNE 1999

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REGIONAL PLANNING COMMISSION**

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# SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

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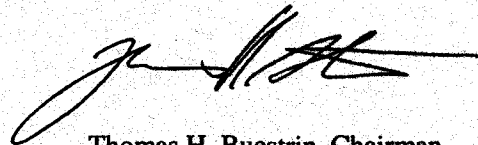
Serving the Counties of: KENOSHA  
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**SUBJECT:** Certification of Amendment to the Adopted Regional Water Quality Management Plan (Hartland Sanitary Sewer Service Area)

**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 Town of Delafield

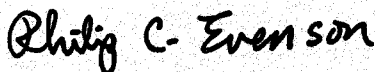
This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Washington County Historical Museum, West Bend, Wisconsin, on the 16th day of June 1999, the Commission did by unanimous vote of all Commissioners present, being 16 ayes and 0 nays, and by appropriate 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 17th day of June 1999.



Thomas H. Buestrin, Chairman  
Southeastern Wisconsin  
Regional Planning Commission

**ATTEST:**



Philip C. Evenson, Deputy Secretary

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**RESOLUTION NO. 99-11**

**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 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 66.945(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, as amended; and

WHEREAS, by letter dated March 17, 1999, 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, 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;

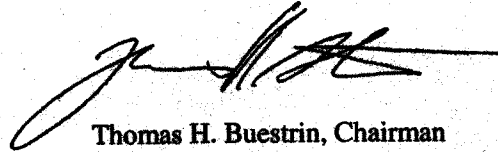
NOW, THEREFORE, BE IT HEREBY RESOLVED:

**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 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.

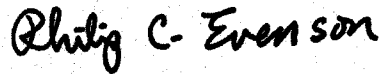
**THIRD:** That a true, correct, and exact copy of this resolution, together with the aforereferenced SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, 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 16th day of June 1999, 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 March 17, 1999, the Village of Hartland requested that the Southeastern Wisconsin Regional Planning Commission amend the Hartland sanitary sewer service area tributary to the Delafield-Hartland Water Pollution Control Commission sewage treatment facility. 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 this amendment would be to include within the planned Hartland sewer service area certain lands located immediately adjacent to, but outside of, the currently adopted sewer service area.

#### AREA DESCRIPTION

The area proposed to be added to the Hartland sanitary sewer service area encompasses 13.1 acres located in U.S. Public Land Survey Section 2, Township 7 North, Range 18 East, in the Village of Hartland, and is shown with a red hatch pattern on Map 1. The area includes 5.9 acres of primary environmental corridor, and the remainder of 7.2 acres consists of residential, commercial, and unused lands, with one existing housing unit. It is anticipated that redevelopment of the existing residential area and development of the existing unused lands outside of the primary environmental corridor would result in a maximum of 18 housing units with a population of about 45 persons.

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

The proposed addition of 13 acres to the Hartland sanitary sewer service area represents a minor increase in the planned sewer service area of less than one-half of one percent, and the associated population of 45 persons represents only a marginal increase in the resident population of the sewer service area. Thus, the areal extent and planned population of the Hartland sewer service area would remain essentially unchanged.

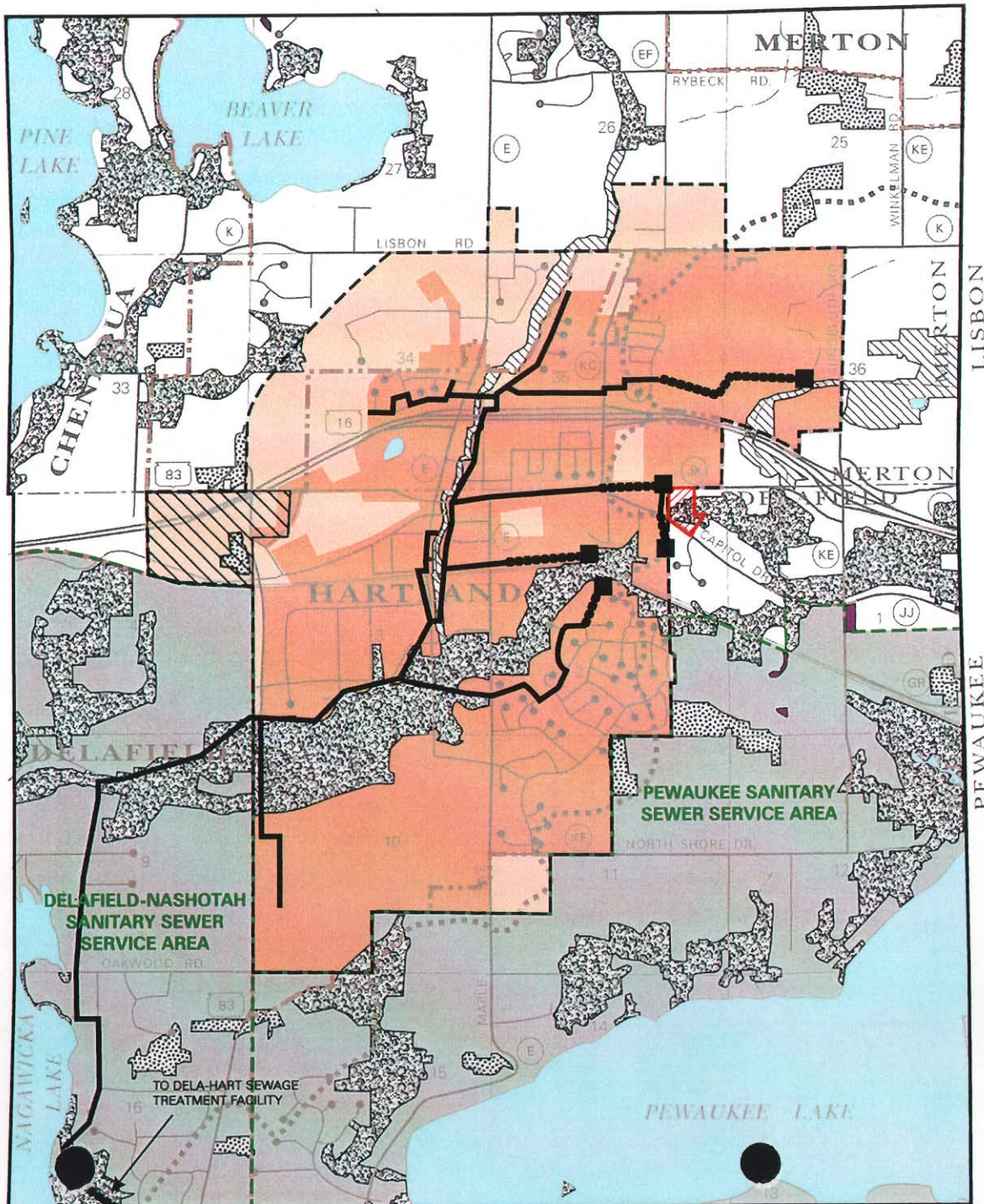
#### WATER QUALITY IMPACTS

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

The proposed addition to the Hartland sanitary sewer service area lies immediately adjacent to the currently approved sewer service area and to an existing sewer tributary to the Village of Hartland sewerage system. The Lake Pewaukee Sanitary District sewerage system is located 1.5 miles from the subject area, and no other public sewerage system is located in the vicinity. Thus, no further analysis is deemed to be required to conclude that the subject area would be served most cost-effectively through connection to the Village of Hartland sewerage system.

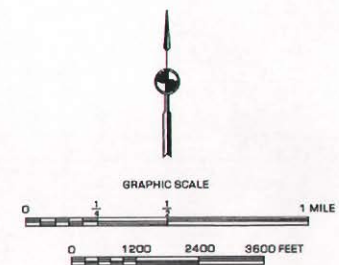




Map 1

# RECOMMENDED REVISION TO THE VILLAGE OF 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
- LANDS PROPOSED TO BE ADDED TO THE CURRENTLY ADOPTED HARTLAND SANITARY SEWER SERVICE AREA
- 1998 CITY AND VILLAGE BOUNDARIES
- PLANNED SANITARY SEWER SERVICE AREA BOUNDARY
- EXISTING TRUNK SEWER
- EXISTING FORCE MAIN
- EXISTING PUMPING STATION



Source: SEWRPC.



## 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 current flow rate is about 1.6 mgd on an average annual basis. The anticipated sewage flow to be generated in the area proposed to be added to the Hartland sewer service area may be expected to be less than 0.01 mgd on an average annual basis. Thus, the impact of the proposed development on the sewage treatment plant capacity is not significant. An ongoing sanitary sewerage system planning program being conducted for the northwestern Waukesha County area has evaluated the Dela-Hart sewage treatment plant capacity in more detail based upon year 2010 conditions and longer-term tributary areas. Because of the need to consider both new development within the current sewer service area and future connection of additional areas outside the current sewer service area, the northwestern Waukesha County sewerage system planning program concludes that facility planning for an expansion of the Dela-Hart treatment plant will be needed sometime before the year 2010.

## PUBLIC REACTION TO THE PLAN AMENDMENT

Since the plan amendment involves the addition of only 13 acres of land immediately adjacent to the existing sanitary sewer service area, and imposes negligible impacts on the public sewage treatment facility concerned, a formal public hearing was not conducted. Instead, the plan amendment was subjected to public review by notice published on May 13, 1999 in the Lake Country Reporter and copies of the draft report setting forth the plan amendment were made available for the public at the Hartland Village Hall. Persons wishing to comment on the plan amendment were asked to submit their concerns in writing to the Village of Hartland. The comment period was held open for 10 working days.

No substantive comments or concerns were presented during the public comment period. Accordingly, no changes were made to the proposed plan amendment as initially drafted.

## LOCAL GOVERNMENT SUPPORT FOR THE PLAN AMENDMENT

The Board of Trustees of the Village of Hartland adopted the amendment on June 14, 1999.

## CONCLUDING RECOMMENDATIONS

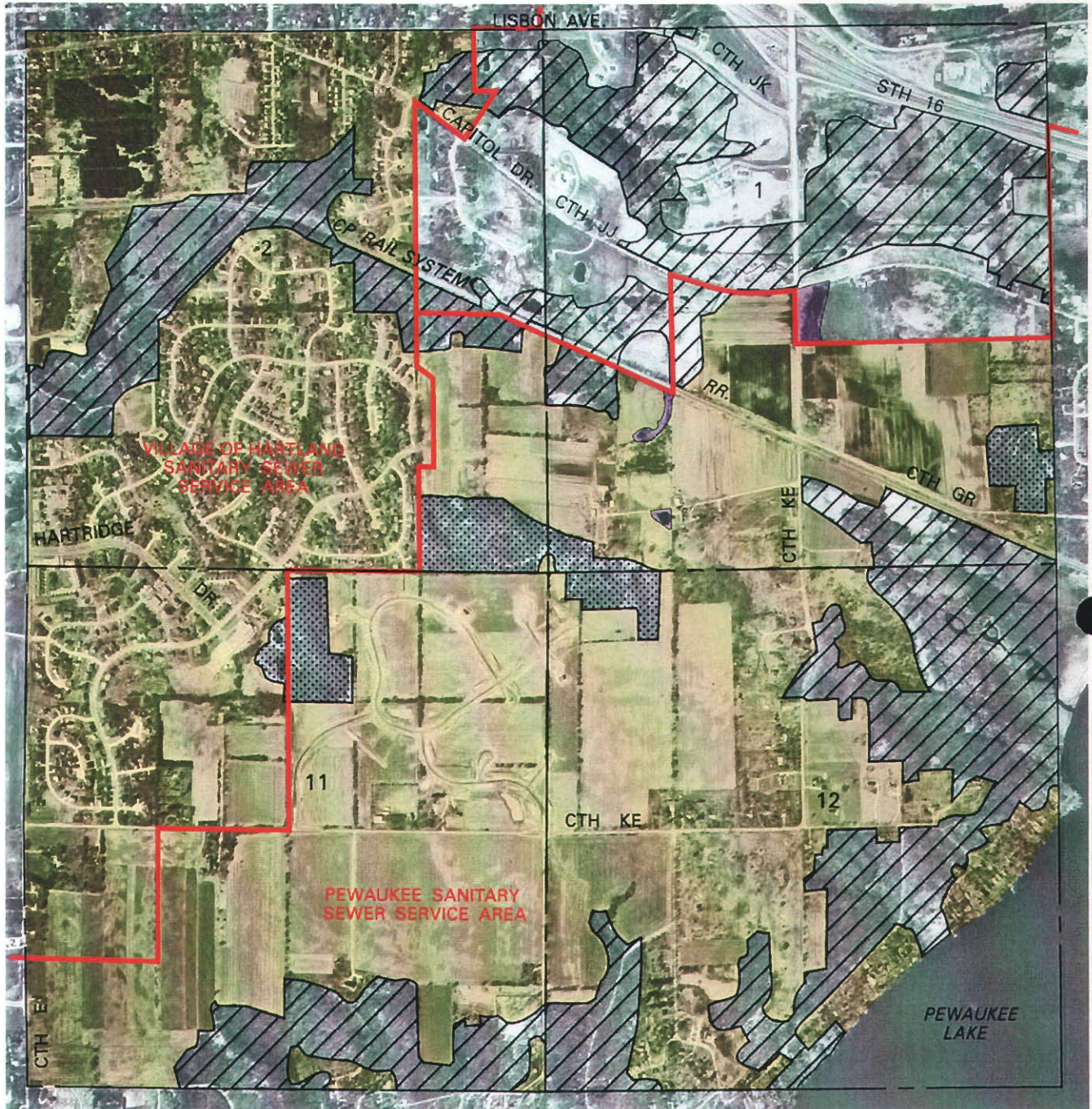
Based upon the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the Hartland sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 93, as amended, in the manner identified on Map 1. A more detailed delineation of the revised sewer service area is shown on an aerial photograph reproduced as Map 2 on the following page of this report.









Map 2

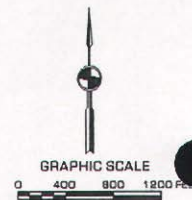
ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY  
SEWER SERVICE AREA FOR THE VILLAGE OF HARTLAND

U. S. Public Land Survey Sections 1, 2, 11, and 12  
Township 7 North, Range 18 East



-  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 Map 2, page 7, of SEWRPC Amendment to the Regional Water Quality Management Plan - 2000, Village of Hartland and Lake Pewaukee Sanitary District, December 1995; Map 8-4, page 28, SEWRPC Community Assistance Planning Report No. 93, Sanitary Sewer Service Area for the Village of Hartland, Waukesha County, Wisconsin, dated April 1985; Map 2, page 5, of SEWRPC Amendment to the Regional Water Quality Management Plan, Lake Pewaukee Sanitary District, September 1998; and Map 8-7, page 32, SEWRPC Community Assistance Planning Report No. 113, Sanitary Sewer Service Area for the Town of Pewaukee Sanitary District No. 3, Lake Pewaukee Sanitary District, and Village of Pewaukee, Waukesha County, Wisconsin, dated June 1985.



Source: SEWRPC.