

AMENDMENT TO THE

**REGIONAL WATER QUALITY
MANAGEMENT PLAN**

**VILLAGE OF HARTLAND
AND LAKE PEWAUKEE
SANITARY DISTRICT**

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

JUNE 2001

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SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

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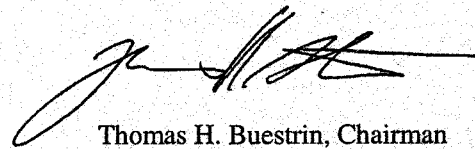
Serving the Counties of: KENOSHA
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SUBJECT: Certification of Amendment to the Adopted Regional Water Quality Management Plan (Hartland and Pewaukee Sanitary Sewer Service Areas)

TO: The Legislative Bodies of Concerned Local Units of Government within the Southeastern Wisconsin Region, namely: the County of Waukesha, the City of Delafield, the Village of Hartland, the Town of Delafield, the Lake Pewaukee Sanitary District, 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 Washington County Courthouse, West Bend, Wisconsin, on the 20th day of June 2001, 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 Hartland and Pewaukee sanitary sewer service areas 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 21st day of June 2001.



Thomas H. Buestrin, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:

Philip C. Evenson

Philip C. Evenson, Deputy Secretary

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RESOLUTION NO. 2001-12

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 AND PEWAUKEE SANITARY SEWER SERVICE AREAS)

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, as amended; 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 Pewaukee sanitary sewer service area as documented in 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*, June 1985, as amended; and

WHEREAS, by letter dated March 7, 2001, the Village of Hartland requested that the certain lands be removed from the Pewaukee sanitary sewer service area and added to the Hartland sanitary sewer service area in accordance with an intergovernmental agreement between the Village of Hartland, the City of Delafield, and the Town of Delafield; 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 and Pewaukee Sanitary Sewer Service Areas," attached hereto and made a part hereof; 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;

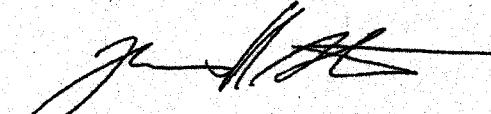
NOW, THEREFORE, BE IT HEREBY RESOLVED:

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 and Pewaukee sewer service areas, as set forth in SEWRPC Community Assistance Planning Report No's. 93 and 113, respectively, 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.

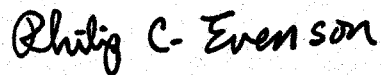
THIRD: That a true, correct, and exact copy of this resolution, together with the aforereferenced SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 20th day of June 2001, the vote being: Ayes 17; 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 AND PEWAUKEE SANITARY SEWER SERVICE AREAS

INTRODUCTION AND BACKGROUND

By letter dated March 7, 2001, the Village of Hartland requested that the Southeastern Wisconsin Regional Planning Commission amend the Hartland and Pewaukee sanitary sewer service areas as those areas are documented respectively 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; and in 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, as amended. The basic purpose of the amendment would be to remove certain lands from the Pewaukee sewer service area and add them to the Hartland sewer service area.

AREA DESCRIPTION

The area proposed to be removed from the Pewaukee sewer service area and added to the Hartland sewer service area encompasses 145 acres located in U.S. Public Land Survey Section 15, Township 7 North, Range 18 East, in the City of Delafield, the Town of Delafield, and the Village of Hartland, and is shown with a purple hatch pattern on Map 1. Included in this area are the following: 1) the Foxwood Estates subdivision located in the Town of Delafield; 2) the Nagawicka View Dairy parcel located in the City of Delafield; and 3) other lands in the Village of Hartland that are located in the northwest quarter of Section 15, Township 7 North, Range 18 East, and situated north and west of the Foxwood Estates subdivision and the Nagawicka View Dairy parcel.

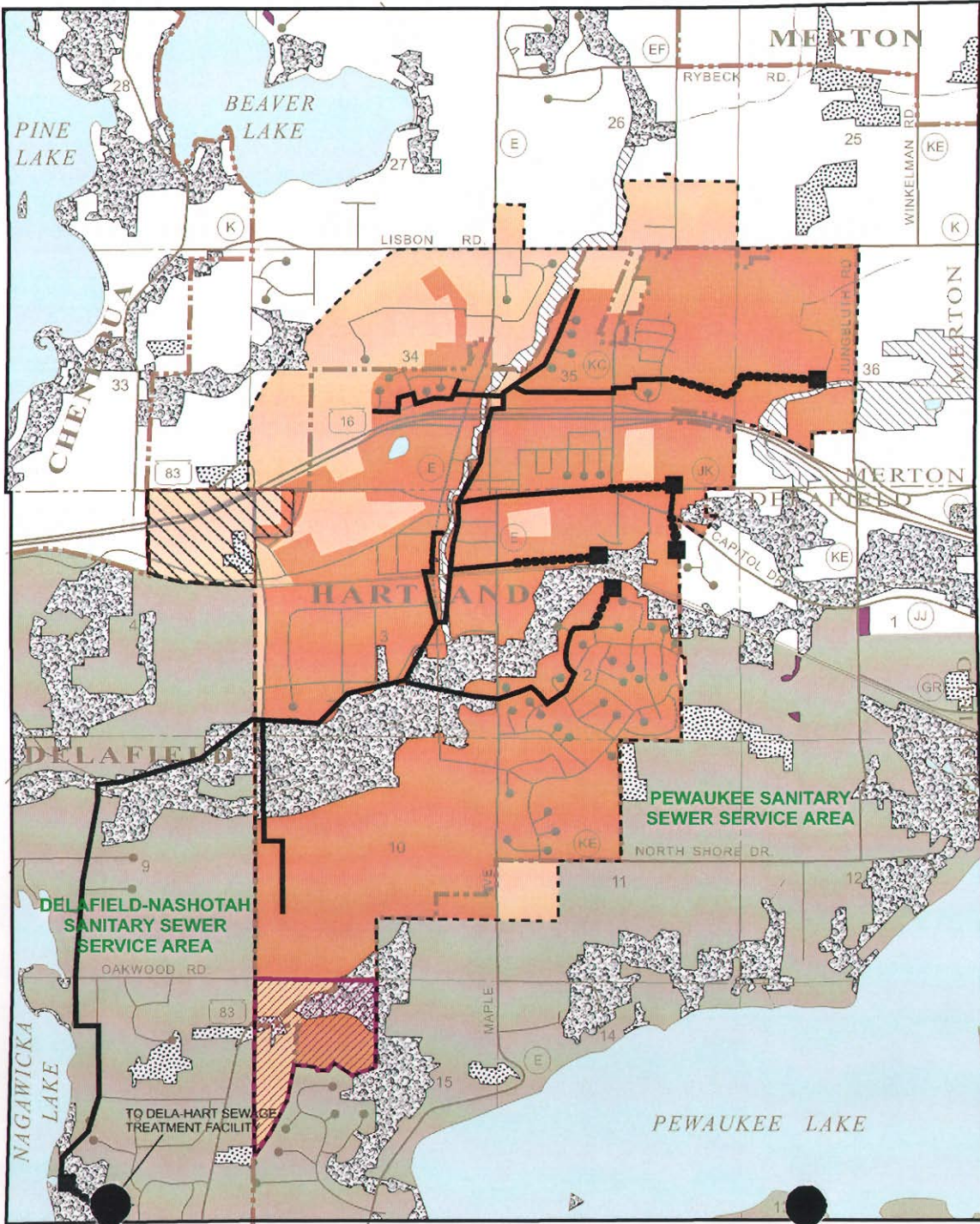
Foxwood Estates, an existing single-family residential subdivision with a population of about 90 persons, is currently served by the Lake Pewaukee Sanitary District. Since the subdivision is located outside the Pewaukee Lake watershed, wastewater must be pumped to the Lake Pewaukee Sanitary District system. At the time the subdivision was developed, the Town of Delafield, the Lake Pewaukee Sanitary District, and the developer agreed that the subdivision would ultimately be served on a gravity-flow basis by a sewerage system tributary to the Delafield-Hartland Water Pollution Control Commission (Dela-Hart) sewage treatment facility. The Village of Hartland has now extended its sewerage system close to the subdivision, enabling a gravity connection of the subdivision to be made to the Village's sewerage system and the Dela-Hart sewage treatment facility.














Under a 1998 intergovernmental agreement between the City of Delafield, the Town of Delafield, and the Village of Hartland, it was agreed that the Village of Hartland would eventually provide sanitary sewer service to the Foxwood Estates subdivision and the Nagawicka View Dairy parcel.

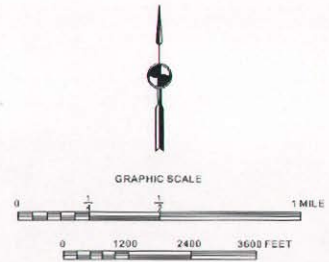
The subject 145-acre area contains 35 acres of environmentally significant lands, including 30 acres of primary environmental corridor and 5 acres of isolated natural resource area. Of the remainder, 64 acres are currently in agricultural use, 42 acres are in residential use (Foxwood subdivision), and 4 acres are unused. Under adopted local land use plans, the 68-acre undeveloped portion of the subject area would eventually be converted to urban residential, commercial, and industrial uses, and would accommodate an additional population of about 80-100 persons.

Map 1

RECOMMENDED AMENDMENT TO THE HARTLAND AND PEWAUKEE SANITARY SEWER SERVICE AREAS



-  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 TO BE REMOVED FROM THE PEWAUKEE SANITARY SEWER SERVICE AREA AND ADDED TO THE HARTLAND SANITARY SEWER SERVICE AREA
-  CITY AND VILLAGE BOUNDARIES
-  PLANNED SANITARY SEWER SERVICE AREA BOUNDARY
-  EXISTING TRUNK SEWER
-  EXISTING FORCE MAIN
-  EXISTING PUMPING STATION



Source: SEWRPC.

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

The proposed addition of 145 acres to the Hartland sanitary sewer service area represents an increase in the planned sewer service area of about four percent, and the 170-190 person increase in population 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 not change significantly.

WATER QUALITY IMPACTS

The subject area is currently located within a sanitary sewer service area, and developed portions thereof are already provided with public sanitary sewer service. Assuming that any applicable Federal, State, and local permits are obtained and that proper site development and construction practices are employed for the undeveloped portion of the subject area, there should be no significant adverse water quality impacts attributable to the proposed change in the planned Hartland and Pewaukee sanitary sewer service areas.

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 area will be served via the Village of Hartland sewerage system on a gravity flow basis. Other than the adjacent Lake Pewaukee Sanitary District system, no other public sewerage system is located in the vicinity, and 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.

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 1.76 mgd on an average annual basis. In addition, the Town of Summit Sanitary District No. 1 will soon be connected to the Dela-Hart system by 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 area proposed to be added to the Hartland sewer service area may be expected to be less than 0.03 mgd on an average annual basis. Thus, there is adequate sewage treatment plant capacity to serve the subject area, and the impact of anticipated development within that area with respect to treatment plant capacity is not significant.

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

The plan amendment was subjected to public review by notice published on April 30, 2001, in the *Lake Country Reporter* and copies of the draft report setting forth the plan amendment were made available for public review and comment 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 May 14, 2001.

CONCLUDING RECOMMENDATIONS




Based upon the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the Hartland and Pewaukee sanitary sewer service areas as documented in SEWRPC Community Assistance Planning Report Nos. 93 and 113, as amended, in the manner identified on Map 1. A more detailed delineation of the revised sewer service areas is shown on an aerial photograph reproduced as Map 2 on the following page of this report.

ENVIRONMENTALLY SIGNIFICANT LANDS AND
PLANNED SANITARY SEWER SERVICE AREAS

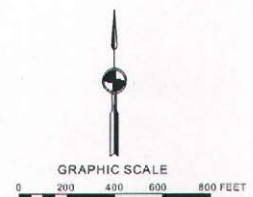
U. S. Public Land Survey Section 15
Township 7 North, Range 18 East



Photography Date: 2000

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

NOTE: This map replaces the corresponding portion of Map 8-5, page 29, of SEWRPC Community Assistance Planning Report No. 93, *Sanitary Sewer Service Area for the Village of Hartland*, April 1985. This map also replaces the corresponding portion of Map 8-11, page 36, of 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*, June 1985.



Source: SEWRPC.