

AMENDMENT TO THE

**REGIONAL WATER QUALITY
MANAGEMENT PLAN**

CITY OF HARTFORD

AS ADOPTED BY THE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

JUNE 2005

**SOUTHEASTERN WISCONSIN
REGIONAL PLANNING COMMISSION**

KENOSHA COUNTY

Leon T. Dreger
Leonard R. Johnson
Adelene Robinson

MILWAUKEE COUNTY

William R. Drew,
Vice Chairman
Lee Holloway
Linda J. Seemeyer

OZAUKEE COUNTY

Robert A. Brooks
Thomas H. Buestrin,
Chairman
Gus W. Wirth, Jr.
Secretary

WAUKESHA COUNTY

Kenneth C. Herro
Anselmo Villarreal
Paul G. Vrakas

RACINE COUNTY

Richard A. Hansen,
Treasurer
Michael J. Miklasevich
James E. Moyer

WALWORTH COUNTY

Anthony F. Balestrieri
Gregory L. Holden
Allen L. Morrison

WASHINGTON COUNTY

Kenneth F. Miller
Daniel S. Schmidt
David L. Stroik

**SOUTHEASTERN WISCONSIN REGIONAL
PLANNING COMMISSION STAFF**

Philip C. Evenson, AICP Executive Director
Kenneth R. Yunker, PE Deputy Director
Nancy M. Anderson, AICP Chief Community Assistance Planner
Robert E. Beglinger Chief Transportation Engineer
Michael G. Hahn, PE, PH Chief Environmental Engineer
Leland H. Kreblin, RLS Chief Planning Illustrator
Elizabeth A. Larsen Business Manager
John G. McDougall Geographic Information Systems Manager
John R. Meland Chief Economic Development Planner
Donald M. Reed Chief Biologist
William J. Stauber, AICP Chief Land Use Planner

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

W239 N1812 ROCKWOOD DRIVE • PO BOX 1607 • WAUKESHA, WI 53187-1607 •

TELEPHONE (262) 547-6721
FAX (262) 547-1103

Serving the Counties of:

KENOSHA
MILWAUKEE
OZAUKEE
RACINE
WALWORTH
WASHINGTON
WAUKESHA



SUBJECT: Certification of Amendment to the Adopted Regional Water Quality Management Plan (Hartford Sewer Service Area)

TO: The Legislative Bodies of Concerned Local Units of Government within the Southeastern Wisconsin Region, namely: the County of Washington, the Town of Hartford, and the City of Hartford

This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Washington County Fair Park Pavilion, Jackson, Wisconsin, on the 15th day of June 2005, 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 Hartford 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 Pewaukee, Wisconsin, this 16th day of June 2005.

Thomas H. Buestrin, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:

Philip C. Evenson, Deputy Secretary

RESOLUTION NO. 2005-09

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 (HARTFORD 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 12th day of September 2001, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the Hartford sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 92 (3rd Edition), *Sanitary Sewer Service Area for the City of Hartford and Environs, Washington County, Wisconsin*, September 2001; and

WHEREAS, by letter dated April 11, 2005, the City of Hartford requested that the Commission amend the Hartford 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 City of Hartford to Amend the Hartford 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 aforementioned staff memorandum, was the subject of a public hearing held jointly by the City of Hartford and the Regional Planning Commission on May 24, 2005; 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;

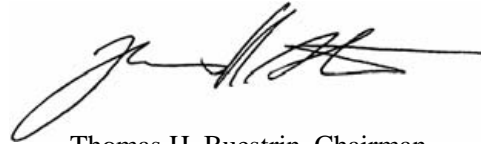
NOW, THEREFORE, BE IT HEREBY RESOLVED:

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 12th day of September 2001 to include the refined Hartford sewer service area, as set forth in SEWRPC Community Assistance Planning Report No. 92 (3rd Edition), 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.

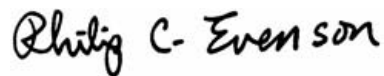
THIRD: That a true, correct, and exact copy of this resolution, together with the aforementioned SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 15th day of June 2005, the vote being: Ayes 16; Nays 0.

A handwritten signature in black ink, appearing to read 'Thomas H. Buestrin', with a long horizontal flourish extending to the right.

Thomas H. Buestrin, Chairman

ATTEST:

A handwritten signature in black ink, appearing to read 'Philip C. Evenson', written in a cursive style.

Philip C. Evenson, Deputy Secretary

SEWRPC STAFF MEMORANDUM

RESPONSE TO REQUEST BY THE CITY OF HARTFORD TO AMEND THE HARTFORD SANITARY SEWER SERVICE AREA

INTRODUCTION AND BACKGROUND

By letter dated April 11, 2005, the City of Hartford requested that the Southeastern Wisconsin Regional Planning Commission amend the Hartford and environs sanitary sewer service area tributary to the City of Hartford sewage treatment facility. That area is currently documented in SEWRPC Community Assistance Planning Report No. 92 (3rd Edition), *Sanitary Sewer Service Area for the City of Hartford and Environs, Washington County, Wisconsin*, dated September 2001. The basic purpose of this amendment would be to include within the planned Hartford 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 Hartford sanitary sewer service area is shown on Map 1. This area encompasses a total of 224 acres located in U.S. Public Land Survey Sections 9 and 10, Township 10 North, Range 18 East. The area contains 34 acres of environmentally significant lands, including 23 acres of primary environmental corridor, 7 acres of isolated natural resource area, and 4 acres of farmed floodplain. The farmed floodplain is envisioned to eventually revert to a more natural condition and become part of the adjacent primary environmental corridor when agricultural operations cease, and it is included within the primary environmental corridor as shown in Map 1. The remainder of the subject area consists of 190 acres in agricultural use which is envisioned to be developed for residential use to accommodate about 370 housing units. This would add a population of about 900 persons to the sewer service area.

A more detailed delineation of the revised sewer service area and of the environmentally significant lands within is shown on the aerial photograph reproduced as Map 2.

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

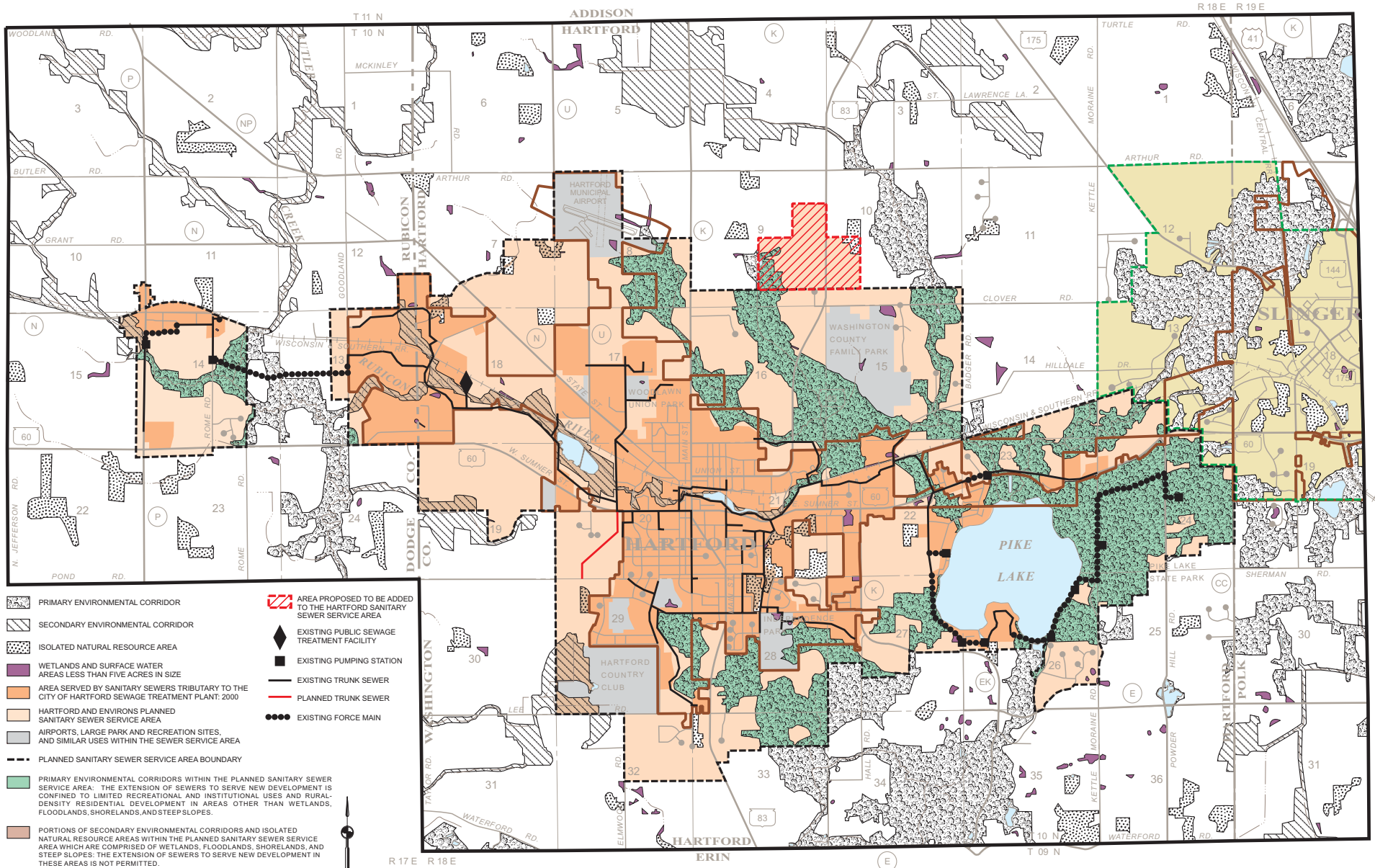
The proposed addition of 224 acres to the Hartford sanitary sewer service area represents an increase in the planned sewer service area of about 2 percent. Under the currently adopted year 2020 regional land use plan, the population of the Washington County portion of the Hartford sewer service area is projected to range from 13,700 persons under an intermediate-growth scenario to 21,700 persons under a high-growth scenario. The “buildout” population of the currently adopted sewer service area—that is, the estimated population which could be accommodated upon full development of the sewer service area—is estimated to be about 22,200 persons, approximating the high end of the year 2020 population projection range. With the proposed addition, the buildout population would be about 23,100 persons.

The Regional Planning Commission is currently updating and extending the regional land use plan further into the future, to the year 2035; that plan will be completed later this year. The new regional plan will include new population projections, including a new projected population range for the Hartford sewer service area. It is anticipated that the buildout population of the Hartford sewer service area, expanded as indicated on Map 1, will lie within the projection range for the Hartford area under the forthcoming regional land use plan.

WATER QUALITY IMPACTS

Under the adopted regional water quality management plan and the amended 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 PROPOSED AMENDMENT TO THE HARTFORD AND ENVIRONS SANITARY SEWER SERVICE AREA



Source: SEWRPC.

COST EFFECTIVENESS ANALYSIS

The proposed addition to the Hartford sanitary sewer service area is immediately adjacent to the currently approved sewer service area tributary to the City of Hartford sewage treatment plant. The nearest other public sanitary sewer system, operated by the Village of Slinger, is located about 2 to 3 miles from the subject area. Consequently, no further analysis is deemed necessary to conclude that the subject area would be served most cost-effectively through connection to the City of Hartford sewerage system.

SEWAGE TREATMENT PLANT CAPACITY IMPACT ANALYSIS

Sewage from the Hartford area, including the Pike Lake area and the Town of Rubicon Sanitary District No. 1, is treated at the City of Hartford sewage treatment plant, which has a design capacity of 3.6 million gallons per day (mgd) on an average annual basis. The average annual flow rate in 2004 was about 2.6 mgd. The anticipated sewage flow to be generated in the area proposed to be added to the Hartford sewer service area may be expected to be about 0.1 mgd on an average annual basis. Thus, the treatment plant has capacity to serve the proposed addition to the sewer service area.

If the vacant developable lands within the Hartford sewer service area were fully developed in accordance with local plans, flows to the Hartford sewage treatment facility would approximate 4.5 to 5.0 mgd on an average annual basis, with the total flows being somewhat dependent upon the sewage flows generated by new commercial and industrial development. **Depending upon the level of growth that actually occurs within the next 5 to 10 years, it will be necessary to initiate facilities planning directed toward expansion of the existing sewage treatment plant.** In any event, the inclusion of the proposed addition to the sewer service area documented in this report would not materially affect the timeframe for future facility planning and treatment plant expansion.

PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on May 24, 2005 at the Hartford City Hall to receive public comment on, and reaction to, the proposed plan amendment. The hearing was sponsored by the City of Hartford 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 land located within.

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 Common Council of the City of Hartford adopted the plan amendment on May 24, 2005.

CONCLUDING RECOMMENDATION

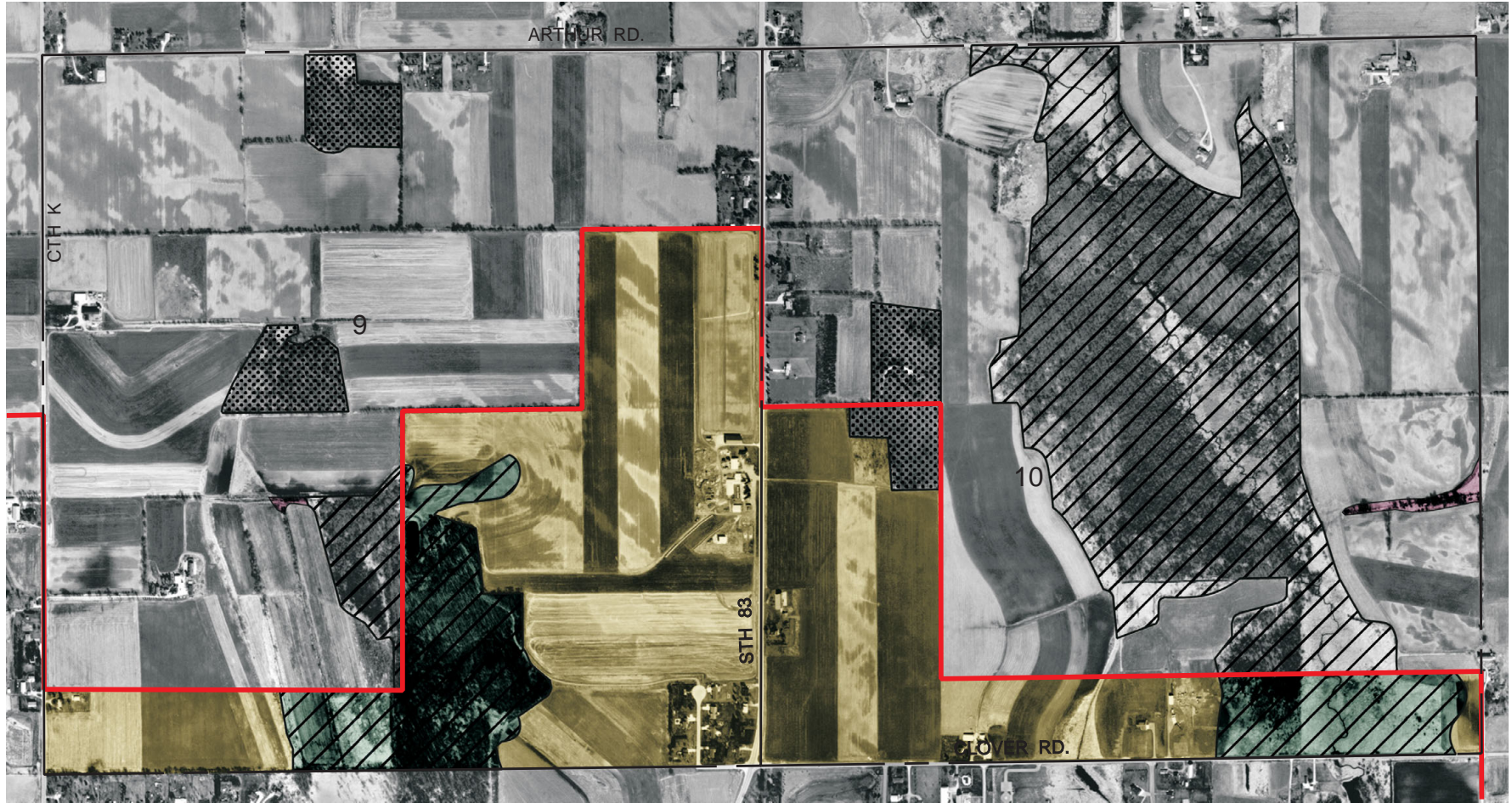
Based on the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the sanitary sewer service area for the Hartford area as documented in SEWRPC Community Assistance Planning Report No. 92 (3rd Edition).

Map 2






ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE CITY OF HARTFORD AND ENVIRONS

U. S. Public Land Survey Sections 9 and 10, Township 10 North, Range 18 East


4



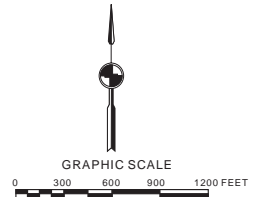
Photography Date: March 2000

-  PRIMARY 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

RESTRICTIONS ON SEWERED DEVELOPMENT

-  PRIMARY ENVIRONMENTAL CORRIDORS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA: THE EXTENSION OF SEWERS TO SERVE NEW DEVELOPMENT IS CONFINED TO LIMITED RECREATIONAL AND INSTITUTIONAL USES AND RURAL-DENSITY RESIDENTIAL DEVELOPMENT IN AREAS OTHER THAN WETLANDS, FLOODLANDS, SHORELANDS, AND STEEP SLOPES.

NOTE: This map replaces the south half of Map 8-4, page 25, of SEWRPC Community Assistance Planning Report No. 92 (3rd Edition), Sanitary Sewer Service Area for the City of Hartford and Environs, Washington County, Wisconsin, September 2001.



Source: SEWRPC.