

**AMENDMENT TO THE**

**REGIONAL WATER QUALITY  
MANAGEMENT PLAN**

**CITY OF HARTFORD**

**AS ADOPTED BY THE**

**SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION**

**DECEMBER 2005**

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Kenneth R. Yunker, PE . . . . . Deputy Director  
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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 (Hartford Sanitary Sewer Service Area)

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

This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Milwaukee Public Museum, Milwaukee, Wisconsin, on the 7th day of December 2005, the Commission did by unanimous vote of all Commissioners present, being 14 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 8th day of December 2005.

Thomas H. Buestrin, Chairman  
Southeastern Wisconsin  
Regional Planning Commission

**ATTEST:**

Philip C. Evenson, Deputy Secretary

**RESOLUTION NO. 2005-25**

**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 66.0309(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 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*, dated September 2001, as amended; and

WHEREAS, by letter dated October 19, 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 November 22, 2005; 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 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.

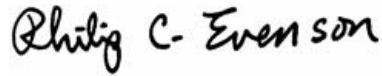
THIRD: That a true, correct, and exact copy of this resolution, together with the aforementioned SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 7th day of December 2005, the vote being: Ayes 14; 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 October 19, 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, as amended. 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

Two areas are proposed to be added to the Hartford sanitary sewer service area, as indicated on Map 1. These areas encompass a total of 705 acres and contain 62 acres of environmentally significant lands, including 30 acres of primary environmental corridor, 9 acres of small wetlands, and 23 acres of farmed floodplains. It is envisioned that the farmed floodplains would eventually revert to more natural conditions and become part of the adjacent primary environmental corridor as agricultural operations cease. About 56 acres of the subject areas are in urban use, consisting of road and railroad rights-of-way and residential uses with about 40 existing housing units. The remainder of 587 acres, currently in agricultural use, is planned to accommodate future residential, commercial, and governmental/institutional uses. The planned residential uses would accommodate about 850 housing units with a population of about 2,000 persons under full development conditions. Including the existing population of the areas proposed to be added, a population of about 2,100 persons would be added to the Hartford sanitary 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 photographs reproduced as Maps 2, 3, and 4.

The larger of the two proposed additions—located between Kettle Moraine Road and Badger Road—includes lands that were proposed to be added to the Hartford sewer service area in 2001. In response to an objection by the Village of Slinger, the City of Hartford determined not to add the area in question at that time. In 2003, the City of Hartford and the Village of Slinger entered into an agreement that defines future service areas. In a letter to the Commission dated July 21, 2003, the Village of Slinger indicated that it had withdrawn its earlier objection to the expansion of the Hartford sewer service area. The currently proposed expansion of the Hartford sewer service area is consistent with the 2003 intergovernmental agreement.

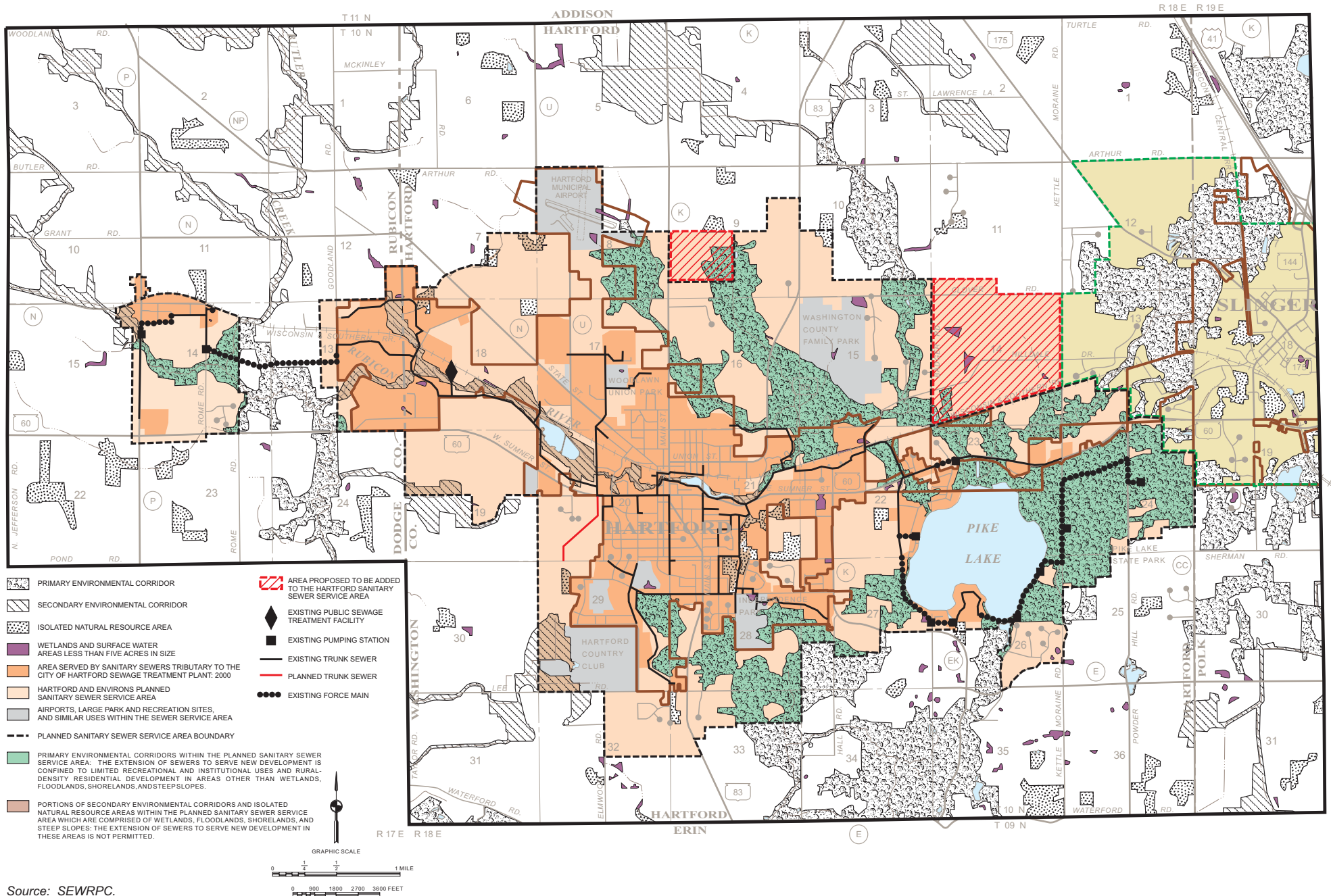
#### RELATIONSHIP OF THE PROPOSED CHANGE TO THE EXISTING SANITARY SEWER SERVICE AREA

The proposed addition of 705 acres to the Hartford sanitary sewer service area represents an increase in the planned sewer service area of 6.5 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 sewer service area—that is, the estimated population which could be accommodated upon full development of the sewer service area—was estimated to be about 22,200 persons when the Hartford sewer service area was comprehensively revised in 2001, approximating the high end of the year 2020 population projection range.

The Hartford sewer service area was subsequently amended in June 2005, resulting in the addition of about 900 persons to the buildout population of the sewer service area. The currently proposed amendment would add an additional 2,100 persons. The result of both of these amendments is a total buildout population of about 25,200 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.

# Map 1 PROPOSED AMENDMENT TO THE HARTFORD AND ENVIRONS SANITARY SEWER SERVICE AREA



Source: SEWRPC.

## 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.

## 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 0.3 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, including the proposed additions, were fully developed in accordance with local plans, flows to the Hartford sewage treatment facility would approximate 4.8 to 5.3 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, AND LOCAL GOVERNMENT ACTION ON, THE PLAN AMENDMENT

A public hearing was held on November 22, 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 land proposed to be added and any environmentally significant land located within.

At the hearing, several residents of the Pheasant Run subdivision spoke against the proposed amendment, expressing concerns about potential annexation to the City of Hartford, especially if urban development and annexation proceeds around them. The Pheasant Run subdivision is located in the Town of Hartford, within the currently adopted sewer service area, about one-quarter mile south of an area proposed to be added to the sewer service area. Elected officials and staff from the City of Hartford responded to Town residents' questions and concerns at the hearing by indicating conditions under which the City would annex land and the procedures that are followed for annexations.

Following comments by the public, one alderperson indicated that he could not vote in support of the proposed amendment because the ultimate sewer service area population exceeded the Regional Planning Commission 2020 population projections for the Hartford area. The alderperson also indicated that the City should await updated projections from the Regional Planning Commission before amending the sewer service area.

Following the public hearing, the Common Council of the City of Hartford adopted the plan amendment as presented at the public hearing with a vote of 7 ayes and 1 nay.

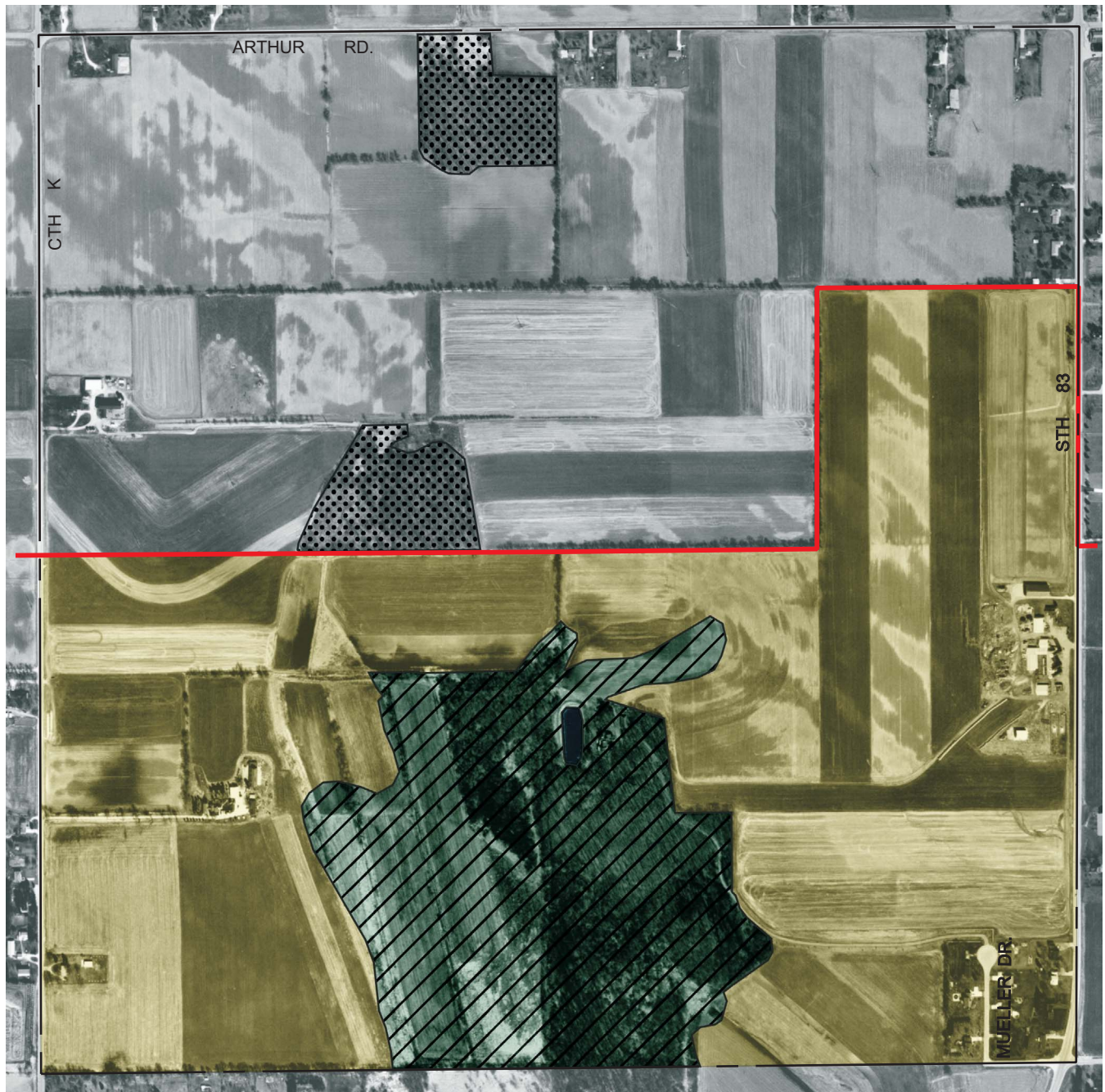
## CONCLUDING RECOMMENDATION

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), as amended, in the manner identified on Map 1.






# Map 2

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


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



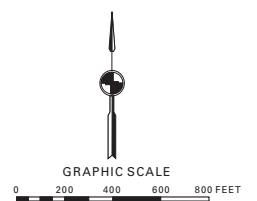
Photography Date: March 2000

-  PRIMARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA
-  SURFACE WATER WITHIN ENVIRONMENTAL CORRIDORS AND ISOLATED NATURAL RESOURCE AREAS
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY
-  PLANNED SANITARY SEWER SERVICE AREA

### 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 a portion 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.

# Map 3

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

U. S. Public Land Survey Section 11  
Township 10 North, Range 18 East



Photography Date: March 2000



ISOLATED NATURAL RESOURCE AREA

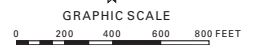


GROSS SANITARY SEWER SERVICE AREA BOUNDARY



PLANNED SANITARY SEWER SERVICE AREA

NOTE: This map replaces a portion of Map 8-5, page 26, 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.

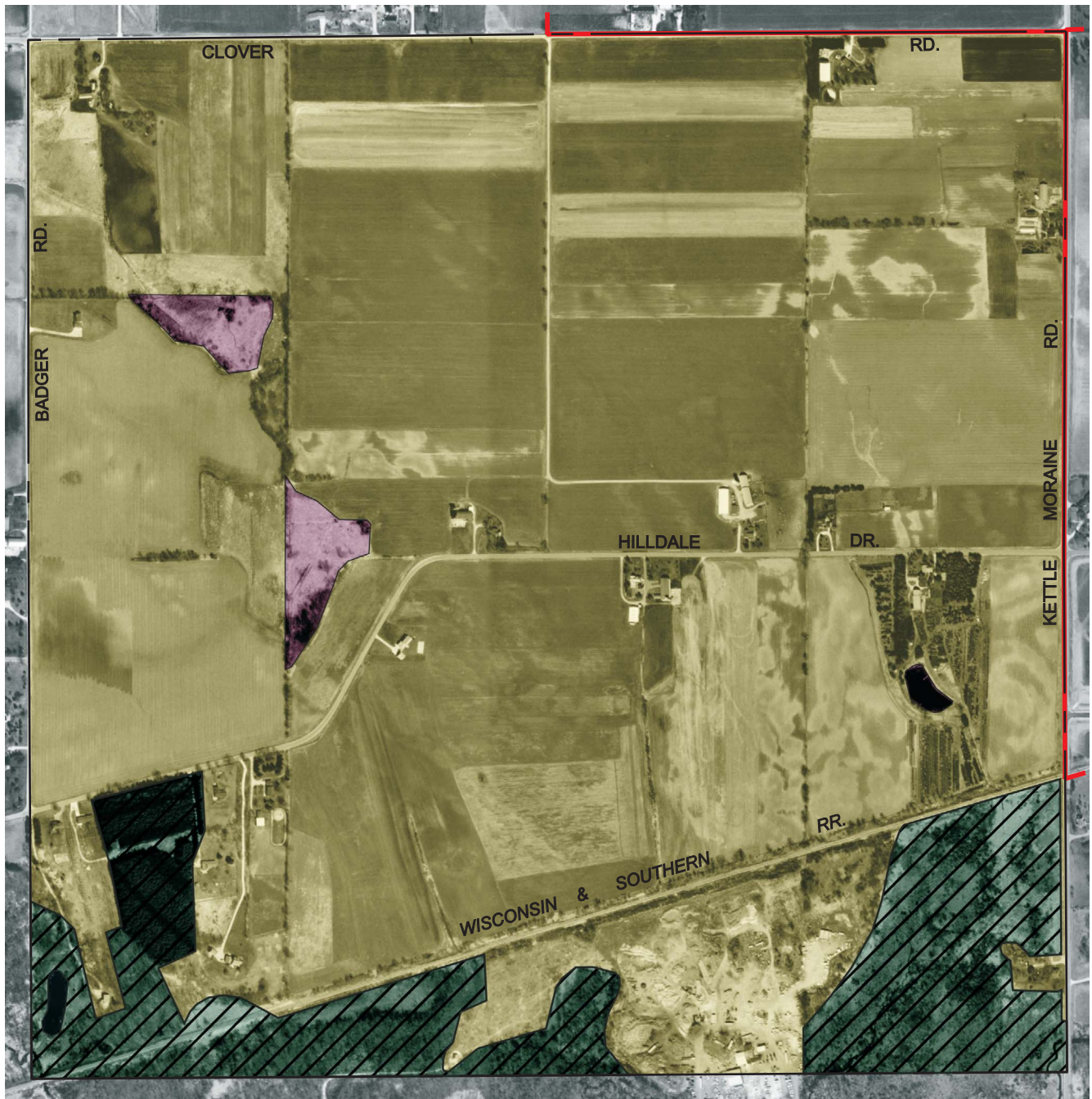


Source: SEWRPC.






# Map 4

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

U. S. Public Land Survey Section 14  
Township 10 North, Range 18 East



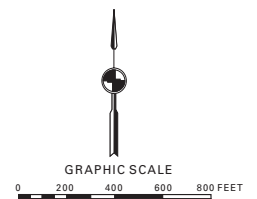
Photography Date: March 2000

-  PRIMARY ENVIRONMENTAL CORRIDOR
-  WETLANDS AND SURFACE WATER AREAS LESS THAN FIVE ACRES IN SIZE
-  SURFACE WATER WITHIN ENVIRONMENTAL CORRIDORS AND ISOLATED NATURAL RESOURCE AREAS
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY
-  PLANNED SANITARY SEWER SERVICE AREA

### 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 a portion of Map 8-11, page 32, 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.