

AMENDMENT TO THE

**REGIONAL WATER QUALITY
MANAGEMENT PLAN**

CITY OF HARTFORD

AS ADOPTED BY THE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

SEPTEMBER 2006

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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, and the Town of Hartford

This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Ives Grove Office Complex, Sturtevant, Wisconsin, on the 13th day of September 2006, the Commission did by unanimous vote of all Commissioners present, being 18 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 14th day of September 2006.

Thomas H. Buestrin, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:

Philip C. Evenson, Deputy Secretary

RESOLUTION NO. 2006-16

**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 June 30, 2006, 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 August 22, 2006; 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;

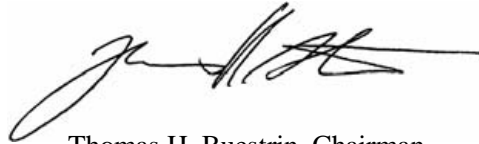
NOW, THEREFORE, BE IT HEREBY RESOLVED:

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.

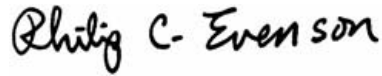
THIRD: That a true, correct, and exact copy of this resolution, together with the aforementioned SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 13th day of September 2006, the vote being: Ayes 18; 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 June 30, 2006, 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 634 acres and contain 130 acres of environmentally significant lands, including 49 acres of primary environmental corridor and 81 acres of secondary environmental corridor. About 16 acres of the subject areas are in urban use, consisting of road rights-of-way and residential uses with six existing housing units. The remainder of 488 acres, currently in agricultural use, is planned to accommodate future residential, commercial, and recreational uses. The planned residential uses would accommodate about 625 housing units with a population of about 1,400 persons under full development conditions. 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 and 3.

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

The proposed addition of 634 acres to the Hartford sanitary sewer service area represents an increase in the planned sewer service area of about 5 percent. Including the potential population of the area proposed to be added to the sewer service area at this time, 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—would approximate 26,600 persons. That is within the range of projected population of 18,100 to 31,200 persons for the Hartford area under the year 2035 regional land use plan.

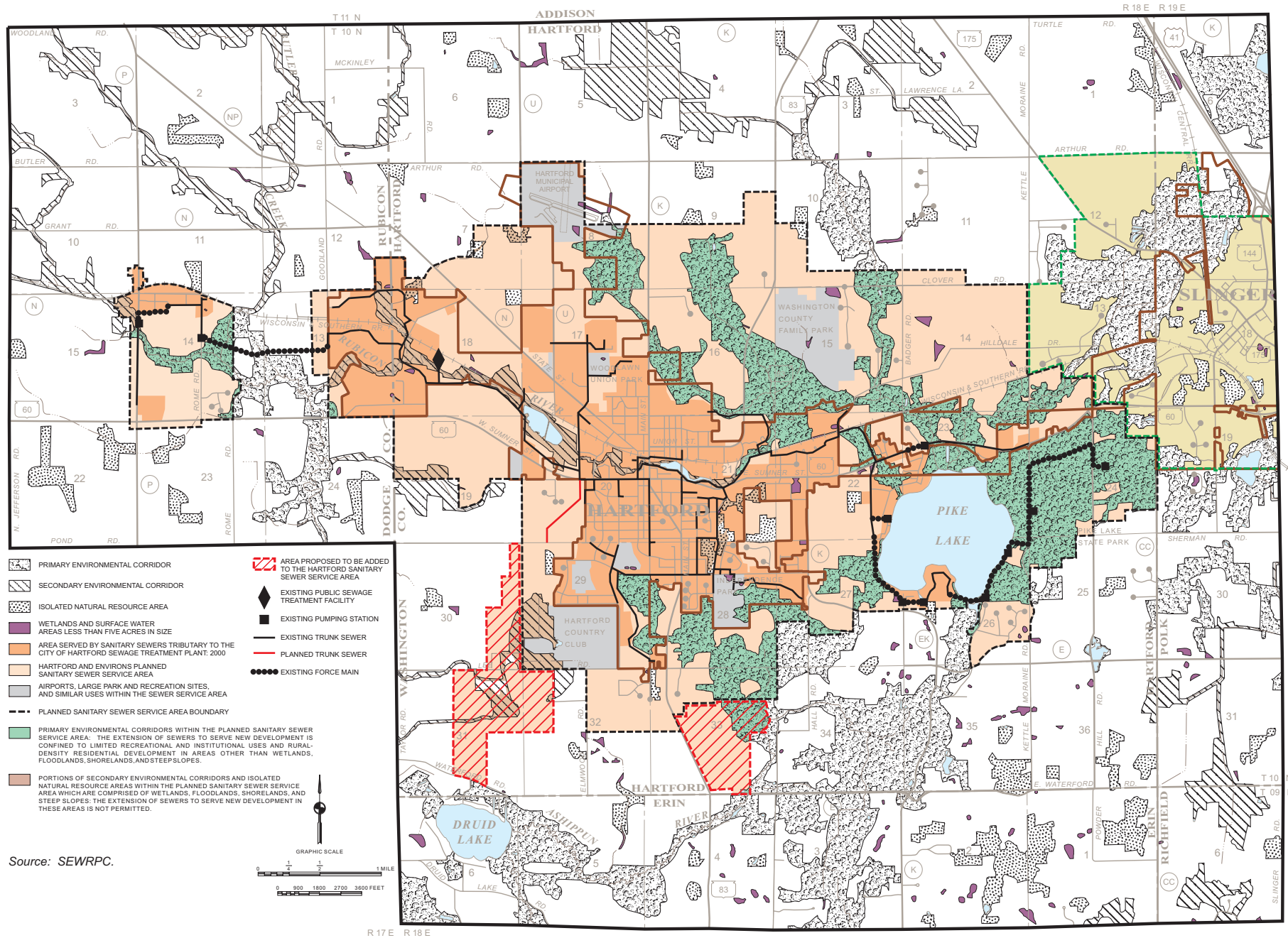
WATER QUALITY IMPACTS

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.

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 2.36 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 0.2 mgd on an average annual basis. Thus, the treatment plant has capacity to serve the proposed addition to the sewer service area.

Map 1 PROPOSED AMENDMENT TO THE HARTFORD AND ENVIRONS SANITARY 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 4.6 to 5.2 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 August 22, 2006, 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.

Two elected officials from the Town of Hartford indicated they were opposed to the proposed plan amendment. The Town Chairman indicated that more residential development would pose a net financial liability for the City of Hartford, and that the City should seek a better balance of land uses rather than respond to residential development pressures. The other Town official indicated that residential development on the areas proposed to be added to the Hartford sewer service area would result in losses of groundwater, since municipal water is obtained from ground sources and ultimately discharged to surface water at the sewage treatment facility. The Town official added that continued reliance upon groundwater for the City water supply, particularly from the deep sandstone aquifer, was not sustainable.

City officials present at the hearing noted that no expansion of the planned sewer service area has occurred in response to development pressures. Rather, the sewer service area is used by the City as a long-term planning approach to ensure that urban development is provided with essential city services when it occurs. City officials also noted that the City of Hartford obtains most of its water supply from shallow wells and that there are no similarities with nearby communities experiencing water supply/quality problems resulting from reliance on deep wells. Following brief further discussion, the Council acted to adopt the amendment to the Hartford sanitary sewer service area.

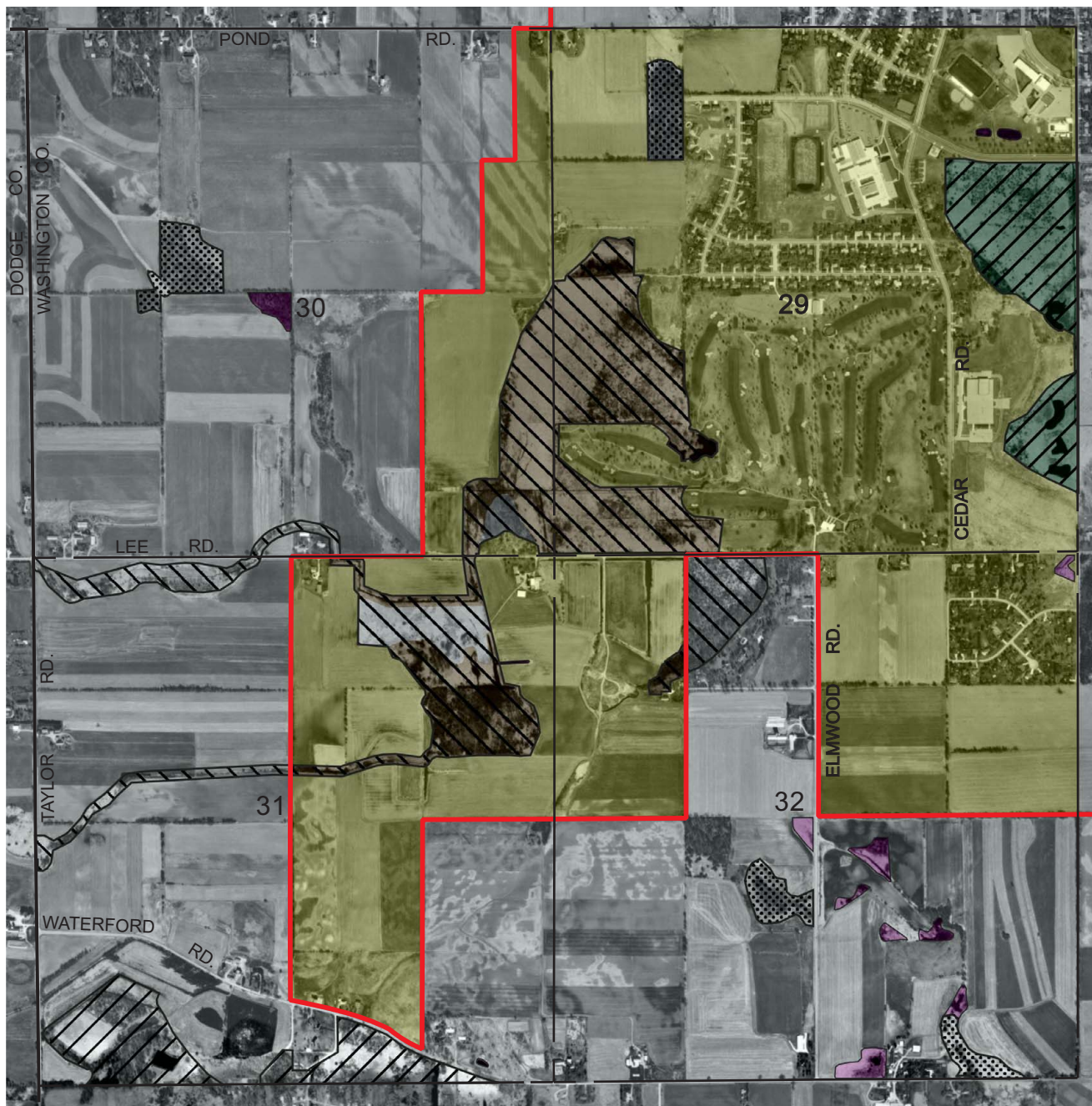
CONCLUDING RECOMMENDATION

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 Sections 29, 30, 31, and 32
Township 10 North, Range 18 East**



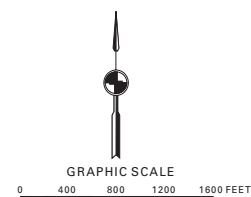
Photography Date: March 2000

-  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

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.
-  PORTIONS OF SECONDARY ENVIRONMENTAL CORRIDORS AND ISOLATED NATURAL RESOURCE AREAS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA WHICH ARE COMPRISED OF WETLANDS, FLOODLANDS, SHORELANDS, AND STEEP SLOPES: THE EXTENSION OF SEWERS TO SERVE NEW DEVELOPMENT IN THESE AREAS IS NOT PERMITTED.

NOTE: This map replaces Map 8-13, page 34, 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.

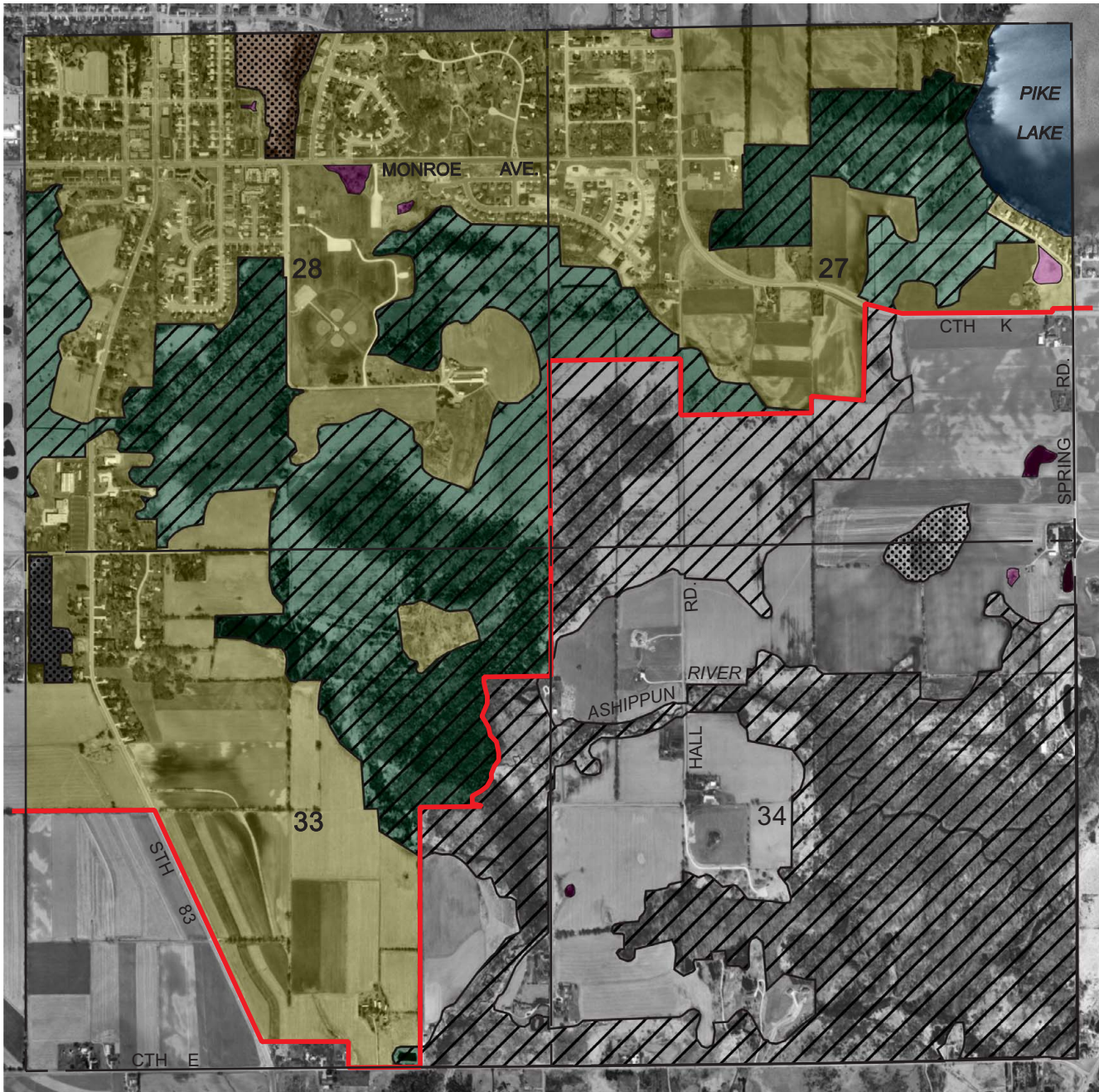


Source: SEWRPC.







Map 3

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



**U. S. Public Land Survey Sections 27, 28, 33, and 34
Township 10 North, Range 18 East**



Photography Date: March 2000

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

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-  PORTIONS OF SECONDARY ENVIRONMENTAL CORRIDORS AND ISOLATED NATURAL RESOURCE AREAS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA WHICH ARE COMPRISED OF WETLANDS, FLOODLANDS, SHORELANDS, AND STEEP SLOPES: THE EXTENSION OF SEWERS TO SERVE NEW DEVELOPMENT IN THESE AREAS IS NOT PERMITTED.

NOTE: This map replaces Map 8-14, page 35, 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.

