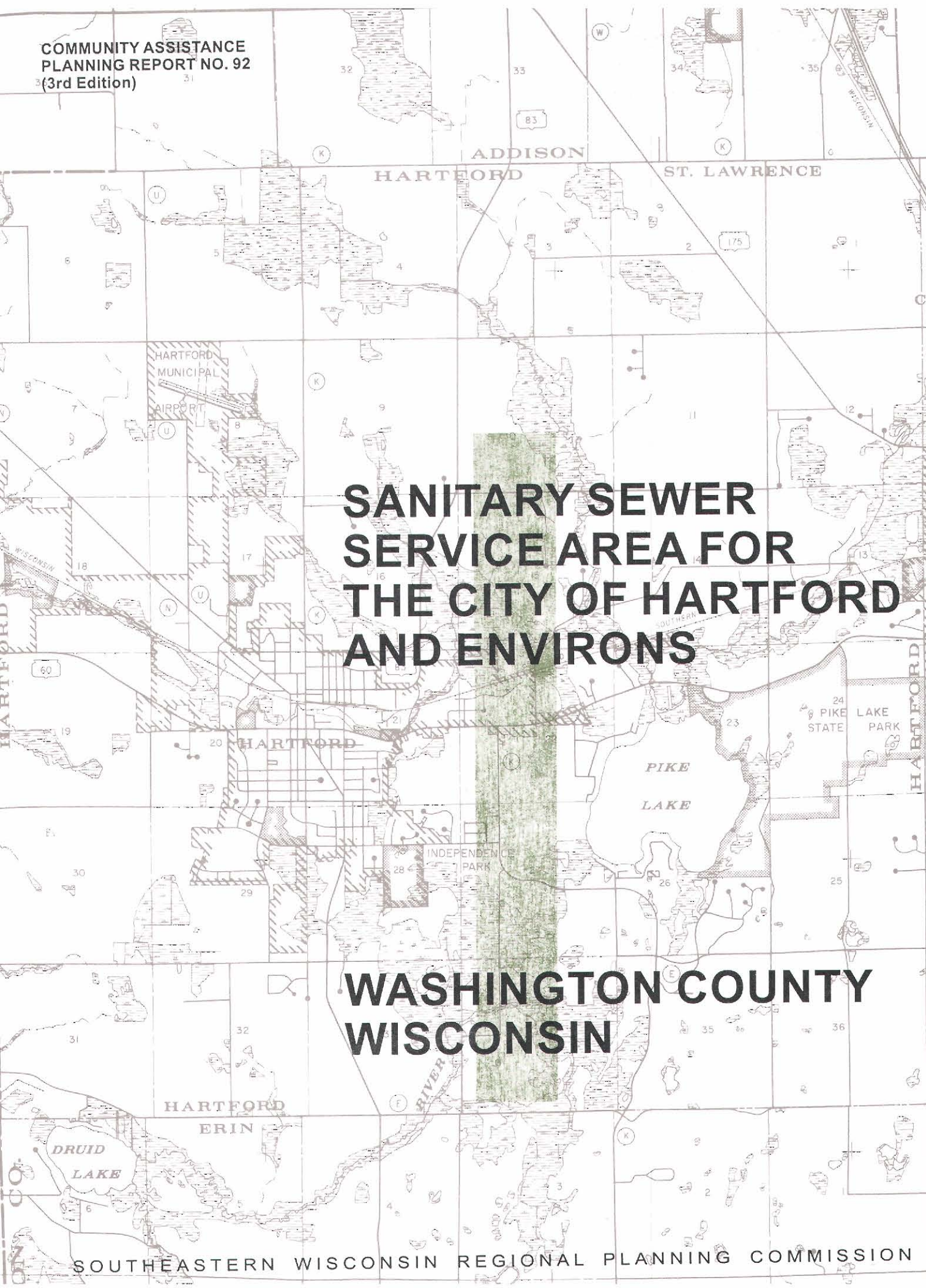
COMMUNITY ASSISTANCE
PLANNING REPORT NO. 92
(3rd Edition)



SANITARY SEWER SERVICE AREA FOR THE CITY OF HARTFORD AND ENVIRONS

WASHINGTON COUNTY WISCONSIN

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

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Special acknowledgement is due SEWRPC Principal Planner Timothy J. McCauley and SEWRPC Planner James P. Siegler for their contributions to this report.

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 (Hartford and Environs Sanitary Sewer Service Area)

TO: The Legislative Bodies of Concerned Local Units of Government within the Southeastern Wisconsin Region, namely: the Counties of Washington and Dodge, the City of Hartford, the Village of Slinger, the Towns of Hartford and Rubicon; the Hilldale Sanitary District, and the Town of Rubicon Sanitary District No. 1

This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Kenosha County Administration Building, Kenosha, Wisconsin, on the 12th day of September 2001, the Commission did by unanimous vote by 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 sanitary sewer service area for the City of Hartford and environs 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 13th day of September 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. 2001-21

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 21st day of June 1995, 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 (2nd Edition), *Sanitary Sewer Service Area for the City of Hartford and Environs, Washington County, Wisconsin*, dated June 1995, as amended; and

WHEREAS, by letter dated February 16, 1999, the City of Hartford requested that the Commission further amend the Hartford sanitary sewer service area; and

WHEREAS, the Commission, working with the City of Hartford, has completed revisions to the Hartford sanitary sewer service area plan, such revised plan being set forth 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; and

WHEREAS, the newly revised Hartford and environs sanitary sewer service area, as documented in SEWRPC Community Assistance Planning Report No. 92 (3rd Edition), was the subject of a public hearing held jointly by the City of Hartford and the Regional Planning Commission on May 22, 2001; 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 21st day of June 1995, as set forth in SEWRPC Community Assistance Planning Report No. 92 (2nd Edition), be and the same hereby is amended to include the newly revised sanitary sewer service area plan for the City of Hartford and environs, as set forth in SEWRPC Community Assistance Planning Report No. 92 (3rd Edition).

SECOND: That the said SEWRPC Community Assistance Planning Report No. 92 (3rd Edition), together with the maps, charts, programs, and descriptive and explanatory matter therein contained, is hereby made a matter of public record; and the originals and true copies thereof shall be kept, at all times, at the offices of the Southeastern Wisconsin Regional Planning Commission presently located in the Old Courthouse Building in the City of Waukesha, County of Waukesha, and State of Wisconsin, or at any subsequent office the said Commission may occupy, for examination and study.

THIRD: That a true, correct, and exact copy of this resolution, together with a complete and exact copy of SEWRPC Community Assistance Planning Report No. 92 (3rd Edition), 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 12th day of September 2001, the vote being: Ayes 16; Nays 0.

Thomas H. Buestrin, Chairman

ATTEST:

Philip C. Evenson

Philip C. Evenson, Deputy Secretary

COMMUNITY ASSISTANCE PLANNING REPORT
NUMBER 92 (3rd Edition)

SANITARY SEWER SERVICE AREA FOR THE CITY OF HARTFORD AND ENVIRONS, WASHINGTON COUNTY, WISCONSIN

Prepared by the

Southeastern Wisconsin Regional Planning Commission
P. O. Box 1607
Old Courthouse
916 N. East Avenue
Waukesha, Wisconsin 53187-1607

September 2001

Inside Region $2.50
Outside Region $5.00

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Chapter I

INTRODUCTION

BACKGROUND

On July 12, 1979, the Southeastern Wisconsin Regional Planning Commission formally adopted an areawide water quality management plan for Southeastern Wisconsin. The plan is aimed at achieving clean and wholesome surface waters within the seven-county Region, surface waters that are "fishable and swimmable."[1]

The plan has five basic elements: 1) a land use element, consisting of recommendations for the location of new urban development in the Region and for the preservation of primary environmental corridors and prime agricultural lands; 2) a point source pollution abatement element, including recommendations concerning the location and extent of sanitary sewer service areas, the location, type, and capacity of, and the level of treatment to be provided at, sewage treatment facilities, the location and configuration of intercommunity trunk sewers, and the abatement of pollution from sewer system overflows and from industrial wastewater discharges; 3) a nonpoint source pollution abatement element, consisting of recommendations for the control of pollutant runoff from rural and urban lands; 4) a sludge management element, consisting of recommendations for the handling and disposal of sludges from sewage treatment facilities; and 5) recommendations for the establishment of continuing water quality monitoring efforts in the Region.

The plan was formally certified over the period July 23 to September 20, 1979, to all of the local units of government in the Region and to the concerned State and Federal agencies. The plan was formally endorsed by the Wisconsin Natural Resources Board on July 25, 1979. Such endorsement is particularly important because under State law and administrative rules, certain actions by the Wisconsin Department of Natural Resources (WDNR) must be found to be in accordance with the adopted and endorsed plan. These actions include, among others, WDNR approval of waste discharge permits, WDNR approval of State and Federal grants for the construction of wastewater treatment and conveyance facilities, and WDNR approval of locally proposed sanitary sewer extensions.

NEED FOR REFINEMENT AND DETAILING OF LOCAL SANITARY SEWER SERVICE AREAS

The adopted regional water quality management plan includes recommended sanitary sewer service areas attendant to each recommended sewage treatment facility (see Map 1). There were in the plan, as initially adopted, a total of 85 such identified sanitary sewer service areas. The initially recommended sanitary sewer service areas were based upon the urban land use configuration identified in the Commission-adopted regional

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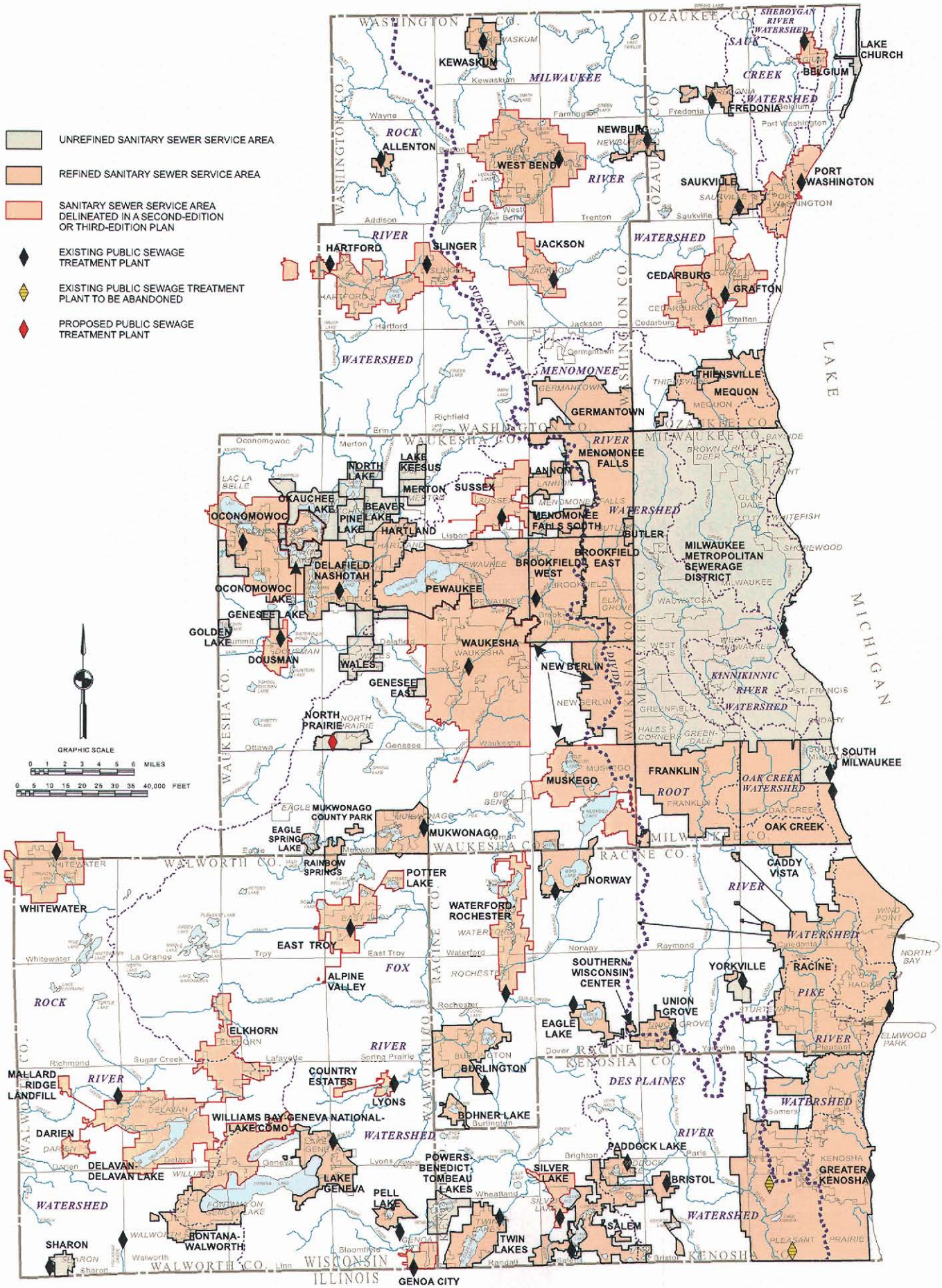
[1]*The adopted areawide water quality management plan is documented in SEWRPC Planning Report No. 30,* A Regional Water Quality Management Plan for Southeastern Wisconsin: 2000, *Volume One,* Inventory Findings; *Volume Two,* Alternative Plans; *and Volume Three,* Recommended Plan.

Map 1

RECOMMENDED SANITARY SEWER SERVICE AREAS IN THE REGION: JUNE 2001



Source: SEWRPC.

land use plan for the year 2000.[2] As such, the delineation of the areas was necessarily general, and may not have reflected detailed local planning considerations.

Section NR 110.08(4) and Section Comm 82.20(4) of the *Wisconsin Administrative Code* require that the Wisconsin Department of Natural Resources, with respect to public sanitary sewers, and the Wisconsin Department of Commerce, with respect to private sanitary sewers, make a finding that all proposed sanitary sewer extensions be in conformance with adopted areawide water quality management plans and the sanitary sewer service areas identified in such plans. These Departments, in carrying out their responsibilities in this respect, require that the Southeastern Wisconsin Regional Planning Commission, as the designated areawide water quality management planning agency for the Southeastern Wisconsin Region, review and comment on each proposed sewer extension as to its relationship to the approved plan and sewer service areas. In order to properly reflect local, as well as areawide planning concerns in the execution of this review responsibility, the Regional Planning Commission, in adopting the areawide water quality management plan, recommended that steps be taken to refine and detail each of the 85 sanitary sewer service areas delineated in the plan in cooperation with the local units of government concerned. The refinement and detailing process consists of the following seven steps:

1. Preparation of a base map at an appropriate scale for each sanitary sewer service area identified in the areawide water quality management plan.

2 The delineation on that base map of a sanitary sewer service area consistent with the objectives set forth in the adopted regional water quality management plan.[3]

3. The conduct of intergovernmental meetings involving the local or areawide unit or units of government concerned. At these meetings, the initial sanitary sewer service area delineation is to be presented and discussed and the positions of each of the units of government concerned solicited.

4. The preparation of modifications to the initially proposed sanitary sewer service area to reflect concerns expressed at the intergovernmental meetings. These modifications would meet, to the fullest extent practicable, the objectives expressed both in the adopted areawide water quality management and regional land use plans and in any adopted local land use and sanitary sewerage system plans.

5. The holding of a public hearing jointly by the Commission and the local or areawide unit or units of government concerned to obtain public reaction to site-specific sewer service area issues that might be raised by the proposed sewer service area delineation.

6. The preparation of a final sanitary sewer service area map and accompanying report.

7. Adoption of the final sewer service area map by the Commission and certification of the map to the Wisconsin Department of Natural Resources and the U. S. Environmental Protection Agency as an amendment to the adopted areawide water quality management plan. Desirably, such adoption by the Commission would follow endorsement of the map by the local or areawide unit or units of government concerned. While such a consensus by the local governments concerned will always be sought by the Commission, it is recognized that in some cases unanimous support of the refined and detailed sanitary sewer service areas may not be achieved. In those cases, the Commission will have to weigh the positions of the parties concerned and make a final determination concerning the issues involved.

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[2]*See SEWRPC Planning Report No. 25,* A Regional Land Use Plan and a Regional Transportation System Plan for Southeastern Wisconsin: 2000, *Volume One,* Inventory Findings; *and Volume Two,* Alternative and Recommended Plans.

[3]*The sewer service areas in the water quality management plan were based upon the urban land use configurations as set forth in the Commission's design year 2000 land use plan. The Commission has since completed and adopted a design year 2020 land use plan, which plan served as the point of departure in the delineation of the sewer service area set forth in this report.*

THE HARTFORD SANITARY SEWER SERVICE AREA REFINEMENT PROCESS

The process of refining and detailing the sanitary sewer service areas in Southeastern Wisconsin was initiated after the Commission's adoption of the regional water quality management plan in July 1979. By letter dated September 24, 1979, the City of Hartford requested that the Regional Planning Commission undertake the refinement and detailing of the proposed year 2000 sanitary sewer service area tributary to the City of Hartford sewage treatment facility. Subsequent to the completion of a draft report, a public hearing was held on March 21, 1984. The City of Hartford sanitary sewer service area plan, as documented in SEWRPC Community Assistance Planning Report No. 92, *Sanitary Sewer Service Area for the City of Hartford, Washington County, Wisconsin*, dated March 1984–the first edition of this report–was adopted by the Common Council on June 11, 1984, and by the Regional Planning Commission on June 21, 1984; and was endorsed by the Wisconsin Department of Natural Resources on October 26, 1984. That plan had a design year of 2000.

The Regional Planning Commission subsequently adopted three amendments to the Hartford sanitary sewer service area treatment facility. The first amendment, dated September 1987, recommended the addition of certain lands envisioned for an industrial park to the Hartford sewer service area. The second amendment, dated September 1988, recommended the addition of the Town of Rubicon Sanitary District No. 1 and certain adjacent lands to the Hartford sewer service area. The third amendment, dated December 1988, recommended the addition of the Pike Lake State Park and certain adjacent lands to the Hartford sewer service area.

By letter dated May 17, 1994, the City of Hartford requested the Regional Planning Commission to revise the sanitary sewer service area. Following a public hearing held on May 8, 1995, the second edition of SEWRPC Community Assistance Planning Report No. 92, was adopted by the Common Council on May 23, 1995, and by the Regional Planning Commission on June 21, 1995; and was endorsed by the Wisconsin Department of Natural Resources on April 22, 1997. That plan had a design year of 2010.

The City of Hartford and the Regional Planning Commission subsequently adopted a sewer service area amendment in 1999 to include additional lands planned for residential use.

By letter dated February 16, 1999, the City of Hartford requested the Regional Planning Commission to revise the currently adopted second edition Hartford sanitary sewer service area. That plan would have a design year of 2020. Following a series of intergovernmental staff meetings during 1999, 2000, and 2001, a draft report documenting the revised Hartford sewer service areas was completed.

Copies of the draft report setting forth a preliminary revised sanitary sewer service area plan were provided to the City of Hartford; the Towns of Hartford, Polk, and Rubicon; the Town of Rubicon Sanitary District No. 1; the Village of Slinger; the Hilldale Sanitary District; Dodge and Washington Counties; and the Wisconsin Department of Natural Resources for review and comment prior to the public hearing held on May 22, 2001. The public reaction to the proposed sanitary sewer service area plan, documented in the minutes contained in Appendix A, is summarized later in this report. The revised sanitary sewer service area attendant to the City of Hartford sewage treatment facility is described in Chapter III of this report.

Chapter II

STUDY AREA DESCRIPTION

LOCATION

The study area considered for revising the Hartford sanitary sewer service area is shown on Map 2. The area consists of the entire City of Hartford; all of the Town of Hartford; and portions of the Towns of Polk and Rubicon (Dodge County) and the Village of Slinger. The total study area is 54.9 square miles in extent, of which 5.8 square miles, or 10 percent, lie within the City of Hartford; 31.2 square miles, or 57 percent, lie within the Town of Hartford; 3.9 square miles, or 7 percent, lie within the Town of Polk; 11.9 square miles, or 22 percent, lie within the Town of Rubicon; and 2.1 square miles, or 4 percent, lie within the Village of Slinger. These areas are based upon 2000 civil division boundaries.

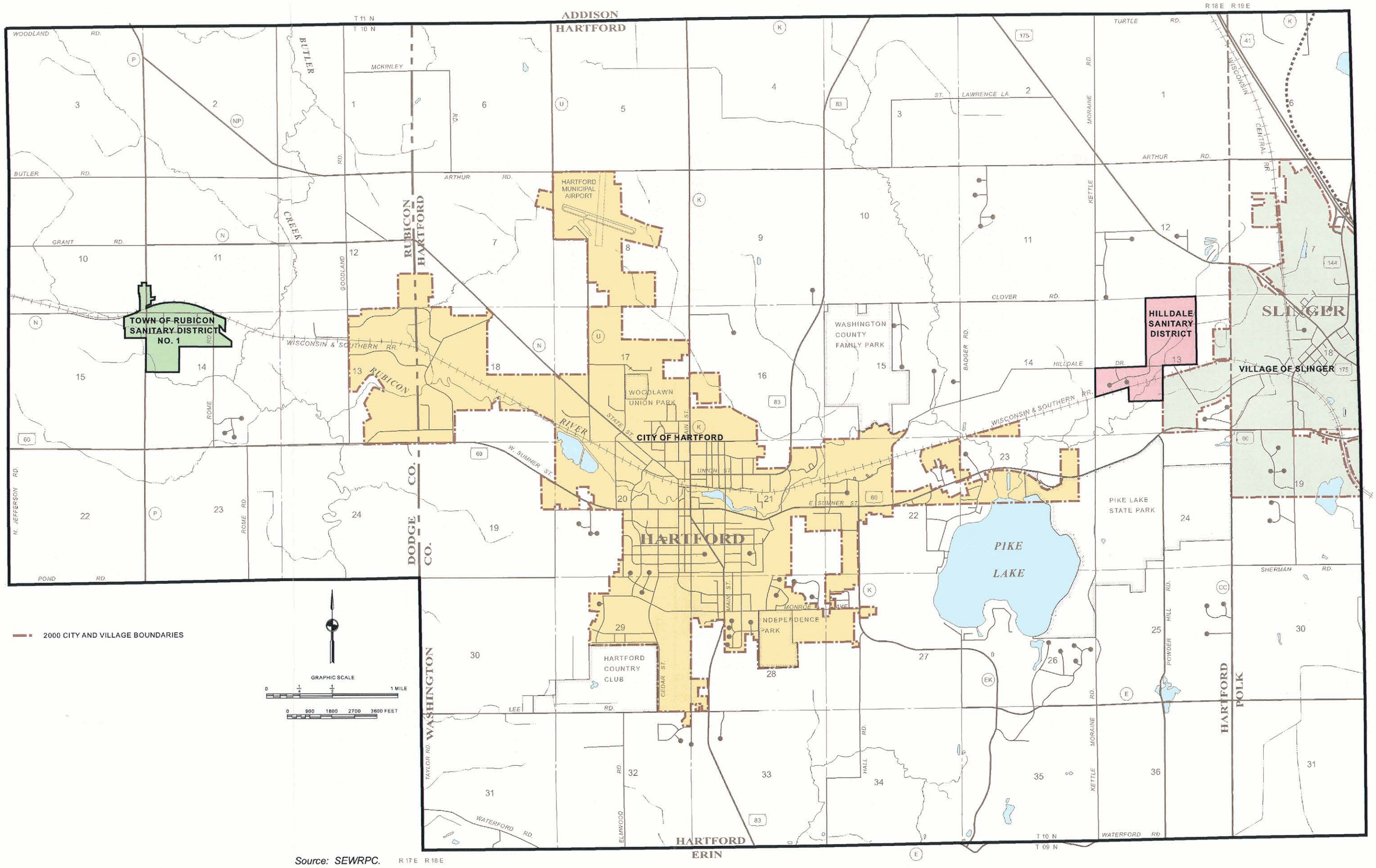
POPULATION

The resident population of the study area in 2000 was estimated at 18,700 persons, including 17,900 persons in the Washington County portion and 800 persons in the Dodge County portion. Of this total, it is estimated that about 11,300 residents were served by public sanitary sewers tributary to the City of Hartford sewage treatment facility and 2,200 were served by sewers tributary to the Village of Slinger sewage treatment facility. The remaining 5,200 residents in the study area were served by onsite sewage disposal systems.

The forecast of probable future resident population levels for small geographic areas such as the Hartford study area is a difficult task, accompanied by uncertainties and subject to periodic revision as new information becomes available. To accommodate unforeseen changes in social and economic conditions, an "alternative futures" approach is utilized by the Regional Planning Commission to project a range of population growth which may be expected to occur over the period 1990 to 2020. The preparation of the Commission's year 2020 regional land use plan incorporated a consideration of two alternative scenarios for regional growth and change, involving different assumptions regarding population lifestyles and economic conditions. The high-growth scenario is intended to represent the upper extreme of possible future regional growth and change, while the intermediate future is considered to be the most likely scenario.

The Commission's year 2020 land use plan also considered alternative development patterns for accommodating the incremental population and employment levels envisioned under the aforementioned growth scenarios. Two development patterns were considered in the preparation of the alternative land use plans. The first, a centralized development pattern, accommodates increases in population and economic activity by promoting a more compact regional settlement pattern, moderating to the extent practicable the current trend toward diffusion of population, employment, and attendant urban development, similar to previously adopted regional land use plans. The second, a decentralized development pattern, accommodates the continued diffusion of population and employment levels historically evident in the Region, but in a manner consistent with the protection of the natural resource base of the Region.

Map 2 STUDY AREA IDENTIFIED FOR PURPOSES OF REVISING THE HARTFORD AND ENVIRONS SANITARY SEWER SERVICE AREA



Source: SEWRPC.

The intermediate-growth centralized land use plan, also the adopted regional land use plan, would accommodate a year 2020 resident population level of about 18,200 persons in the Washington County portion of the study area. Under a high-growth decentralized alternative, the population level within the Washington County portion of the study area could be as high as 27,100 persons by the year 2020. The regional land use plan does not include a population projection for the Dodge County portion of the study area, which is located outside the seven-county SEWRPC planning area.

ENVIRONMENTALLY SIGNIFICANT LANDS

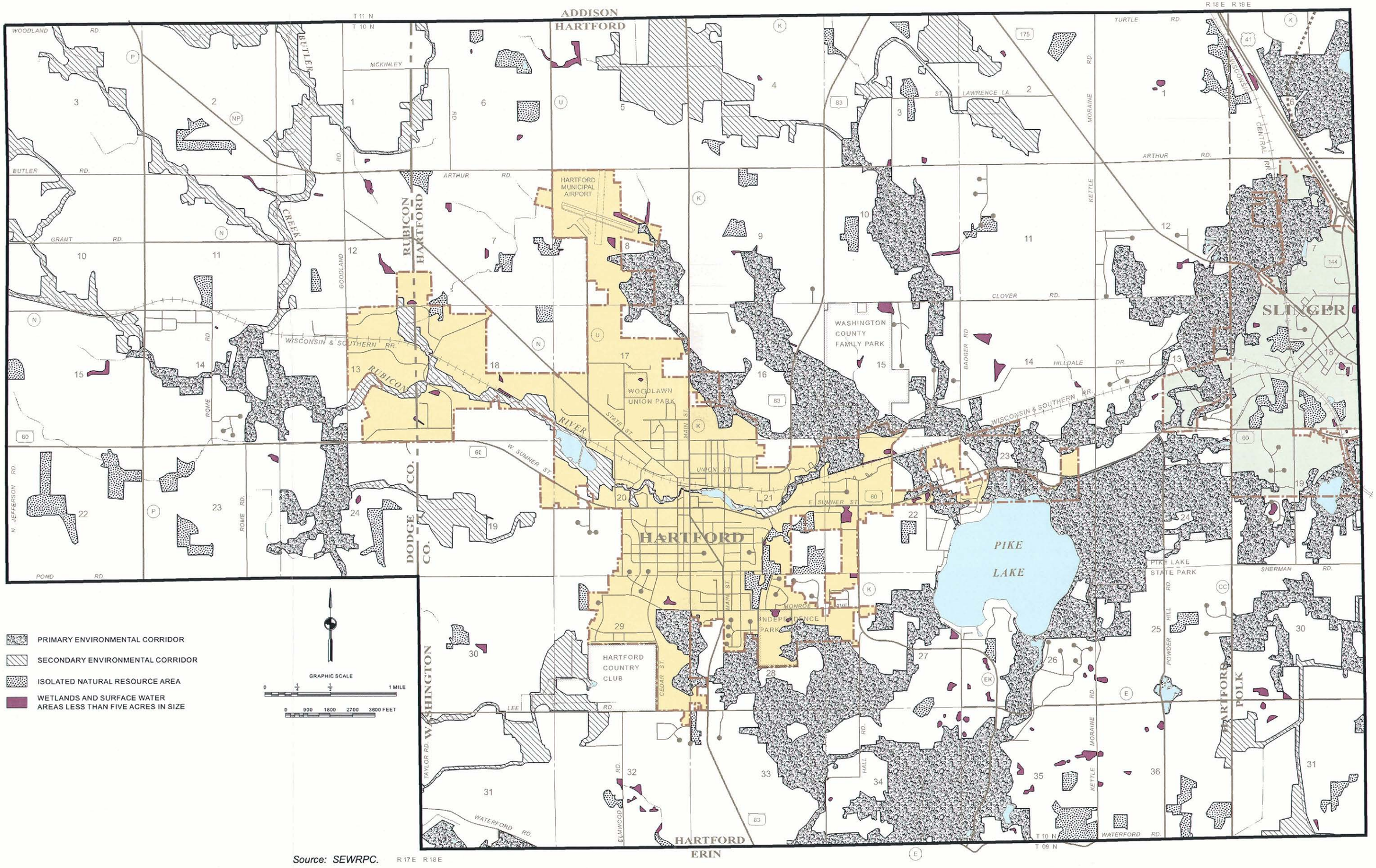
Environmental corridors are defined as linear areas in the landscape containing concentrations of natural resource and resource-related amenities. These corridors generally lie along the major stream valleys, around major lakes, and in the Kettle Moraine area of southeastern Wisconsin. Almost all the remaining high-value wetlands, woodlands, wildlife habitat areas, major bodies of surface water, and delineated floodlands and shorelands are contained within these corridors. In addition, significant groundwater recharge and discharge areas, many of the most important recreational and scenic areas, and the best remaining potential park sites are located within the environmental corridors. Such corridors are, in effect, a composite of the most important individual elements of the natural resource base in southeastern Wisconsin, and have immeasurable environmental, ecological, and recreational value.

The land use element of the adopted regional water quality management plan recommends that lands identified as primary environmental corridors not be developed for intensive urban use. Accordingly, the plan further recommends that sanitary sewers not be extended into such corridors for the purpose of accommodating urban development in the corridors. It was recognized in the plan, however, that it would be necessary in some cases to construct sanitary sewers across and through primary environmental corridors, and that certain land uses requiring sanitary sewer service could be properly located within the corridors, including park and outdoor recreation facilities and certain institutional uses. In some cases, extremely low density residential development at a density not to exceed one housing unit per five acres of upland corridor, compatible with the preservation of the corridors in essentially natural, open uses, may also be permitted to occupy corridor lands, and it may be desirable to extend sewers into the corridors to serve such uses. Basically, however, the adopted regional land use plan seeks to ensure that the primary environmental corridor lands are not destroyed through conversion to intensive urban uses.

One of the first steps in refining the Hartford sanitary sewer service area was to map in detail the environmentally significant lands in the study area. Accordingly, Commission inventories were reviewed and updated as necessary with respect to the following elements of the natural resource base: lakes, streams, and associated shorelands and floodlands; wetlands; woodlands; wildlife habitat areas; areas of rugged terrain and high-relief topography; wet, poorly drained, and organic soils; and remnant prairies. In addition, inventories were reviewed and updated as necessary with respect to such natural resource-related features as existing parks, potential park sites, sites of historic and archaeological value, areas offering scenic vistas or viewpoints, and areas of scientific value.

Each of these natural resource and resource-related elements was mapped on aerial photographs at a scale of one inch equals 400 feet, and an established point system for value rating the various elements of the resource base was used (see Table 1). The primary environmental corridors were delineated using this rating system. To qualify for inclusion in a primary environmental corridor, an area must exhibit a point value of 10 or more. In addition, a primary environmental corridor must be at least 400 acres in size, be at least two miles long, and have a minimum width of 200 feet. This environmental corridor refinement process is more fully described in SEWRPC *Technical Record*, Vol. 4, No. 2, in an article entitled, "Refining the Delineation of Environmental Corridors in Southeastern Wisconsin." The primary environmental corridors, along with secondary environmental corridors and isolated natural resource areas, as delineated in the Hartford study area, are shown on Map 3. The secondary environmental corridors should be considered for preservation as the process of urban development proceeds, because such corridors often provide economical drainageways, as well as needed "green" space, through developing residential neighborhoods. To qualify for inclusion in a secondary environmental corridor, an area must exhibit a point value of 10 or more, and have a minimum area of 100 acres and a minimum length of one mile.

Map 3 ENVIRONMENTALLY SIGNIFICANT LANDS IN THE CITY OF HARTFORD AND ENVIRONS STUDY AREA



Source: SEWRPC.

Isolated natural resource areas generally consist of those natural resource base elements that have value, such as wetlands, woodlands, wildlife habitat areas, and surface water areas, but are separated physically from the primary and secondary environmental corridors by intensive urban or agricultural land uses. Since isolated natural resource areas may provide the only available wildlife habitat in an area, provide good locations for local parks and nature study areas, and lend aesthetic character and natural diversity to an area; they should also be protected and preserved in a natural state to the extent practicable. An isolated natural resource area must be at least five acres in size and have a minimum width of 200 feet.

Table 1

VALUES ASSIGNED TO NATURAL RESOURCE BASE AND RESOURCE BASE-RELATED ELEMENTS IN THE PROCESS OF DELINEATING ENVIRONMENTAL CORRIDORS AND ISOLATED NATURAL RESOURCE AREAS

Natural Resource Base Element	Point Value	Natural Resource Base Related Element	Point Value
Lake		Existing Park or Open Space Site	
Major (50 acres or more)	20	Rural Open Space Site	5
Minor (5-49 acres)	20	Other Park and Open Space Site	2
Rivers or Streams (perennial)	10	Potential Park Site	
Shoreland		High-Value	3
Lake or Perennial River or Stream	10	Medium-Value	2
Intermittent Stream	5	Low-Value	1
Floodland (100-year recurrence interval)	3	Historic Site	
Wetland	10	Structure	1
Woodland	10	Other Cultural	1
Wildlife Habitat		Archaeological	2
Class I	10	Scenic Viewpoint	5
Class II	7	Natural Area	
Class III	5	State Scientific Area	15
Steep Slope		Statewide or Greater Significance	15
20 Percent or More	7	County or Regional Significance	10
12-19 Percent	5	Local Significance	5
Prairie	10		

Source: SEWRPC.

In addition, wetlands less than five acres in size, located outside of environmental corridors and isolated natural resource areas, are shown on Map 3. Under Section 23.32 of the *Wisconsin Statutes*, a wetland is defined as, "an area where water is at, near, or above the land surface long enough to be capable of supporting aquatic or hydrophytic vegetation and which has soils indicative of wet conditions." It should be noted the information presented on Map 3 does not represent an exhaustive inventory of wetlands in the study area. The identified wetlands are based upon the Wisconsin Wetlands Inventory and interpretation of 1995 aerial photographs.[1]

Lands and surface water encompassed within the primary environmental corridors of the Hartford study area in 1995 totaled 8.6 square miles, or about 16 percent of the total study area. Lands and surface water encompassed within secondary environmental corridors totaled 2.8 square miles, or about 5 percent of the total study area. Lands and surface water encompassed within isolated natural resource areas totaled 1.2 square miles, or about 2 percent of the study area. About 105 acres, or 0.3 percent of the study area, was encompassed within wetlands and surface water areas less than five acres in size.[2] Thus, all environmentally significant lands in the Hartford study area encompassed 12.8 square miles, or about 23 percent of the study area.

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[1]*Precise delineation of such small wetlands as well as other environmentally significant lands, including primary and secondary environmental corridors and isolated natural resource areas, can only be determined through field investigation.*

[2]*Acreage noted here refers to wetlands and surface water areas less than 5 acres in size located outside environmental corridors and isolated natural resource areas.*

While the adopted regional water quality management plan places great emphasis upon the protection of the lands identified as primary environmental corridors in essentially natural, open uses, it recognizes that there may be situations in which the objective of preserving the corridor lands directly conflicts with other legitimate regional and local development objectives. For example, the regional plan recognizes that if a community were to determine the need for a strategic arterial street extension through the primary environmental corridor lands in order to service an important local development project, the street extension may be considered to be of greater community benefit than the preservation of a small segment of the primary environmental corridor. When such conflicts in legitimate community development objectives occur, it is important that they be resolved sensitively and that any damage to the natural environment in the corridors be minimized.

While portions of the delineated floodlands in the Hartford study area are contained within the environmental corridors, there are areas of the floodlands utilized for agricultural or other open space uses located outside such corridors. The Regional Planning Commission recognizes that such floodlands are generally unsuitable for intensive urban development owing to poor soil conditions and periodic flood inundation. The Commission thus recommends that, as development of lands located within urban areas and adjacent to these floodland areas occurs, such floodland areas should be preserved in essentially natural, open space uses, and over time become part of the adjacent environmental corridors. In addition, the adopted regional water quality management plan recognizes that certain secondary environmental corridors, isolated natural resource areas, and wetlands less than five acres in size may be converted to urban uses over the plan design period. However, current Federal, State, and local regulations may effectively preclude development of such areas. Of particular importance in this regard are natural resource protection regulations dealing with wetlands, floodplains, shorelands, stormwater runoff, and erosion control. Therefore, it is important that the developer or local unit of government concerned determine if it is necessary to obtain any applicable Federal, State, or local permits prior to any proposed disturbance of wetlands, floodplains, or other regulated lands.

Chapter III

PROPOSED SANITARY SEWER SERVICE AREA

SIGNIFICANCE OF SANITARY SEWER SERVICE AREA DELINEATION

As noted earlier in this report, changes in the Wisconsin Department of Natural Resources (WDNR) and Wisconsin Department of Commerce rules governing the extension of sanitary sewers have made the delineation of local sanitary sewer service areas an important process for local units of government and private land developers. Prior to the rule changes, review and approval of locally proposed sanitary sewer extensions by the WDNR and the Department of Commerce was confined primarily to engineering considerations and was intended to ensure that the sewers were properly sized and constructed. The rule changes significantly expanded the scope of the State review process to include water quality-oriented land use planning considerations. Before the two State agencies concerned can approve a locally proposed sanitary sewer extension, they must make a finding that the lands to be served by the proposed extension lie within an approved sanitary sewer service area. Such areas are identified in the Commission's adopted areawide water quality management plan and any subsequent amendments thereto. If a locally proposed sanitary sewer extension is designed to serve areas not recommended for sewer service in an areawide water quality management plan, the State agencies concerned must deny approval of the extension. Consequently, it is important that an intergovernmental consensus be reached in the delineation of proposed sanitary sewer service areas.

CURRENTLY APPROVED HARTFORD SANITARY SEWER SERVICE AREA

The currently identified design year 2010 Hartford sanitary sewer service area, tributary to the City of Hartford sewage treatment facility, is set forth in SEWRPC Community Assistance Planning Report No. 92 (2nd Edition), *Sanitary Sewer Service Area for the City of Hartford and Environs, Washington County, Wisconsin*, dated June 1995, as amended. As shown in the gray-shaded area on Map 4, this service area encompasses 12.8 square miles[1], or 23 percent of the total study area of 54.9 square miles. The service area includes about 3.7 square miles of primary environmental corridor; 0.3 square mile of secondary environmental corridor; 0.2 square mile of isolated natural resource areas; and 28 acres of wetlands and surface water areas less than 5 acres in size.

PRE-PUBLIC HEARING HARTFORD SANITARY SEWER SERVICE AREA

A review of the Hartford sanitary sewer service area was last undertaken during the preparation of Community Assistance Planning Report No. 92 (2nd Edition) in 1995. The purpose of the current comprehensive refinement effort is to review once again the sewer service needs of lands envisioned to be tributary to the City of Hartford sewage treatment facility and to adjust and extend, as necessary, the sewer service area boundaries to accommodate the design year 2020 population levels envisioned for this service area.

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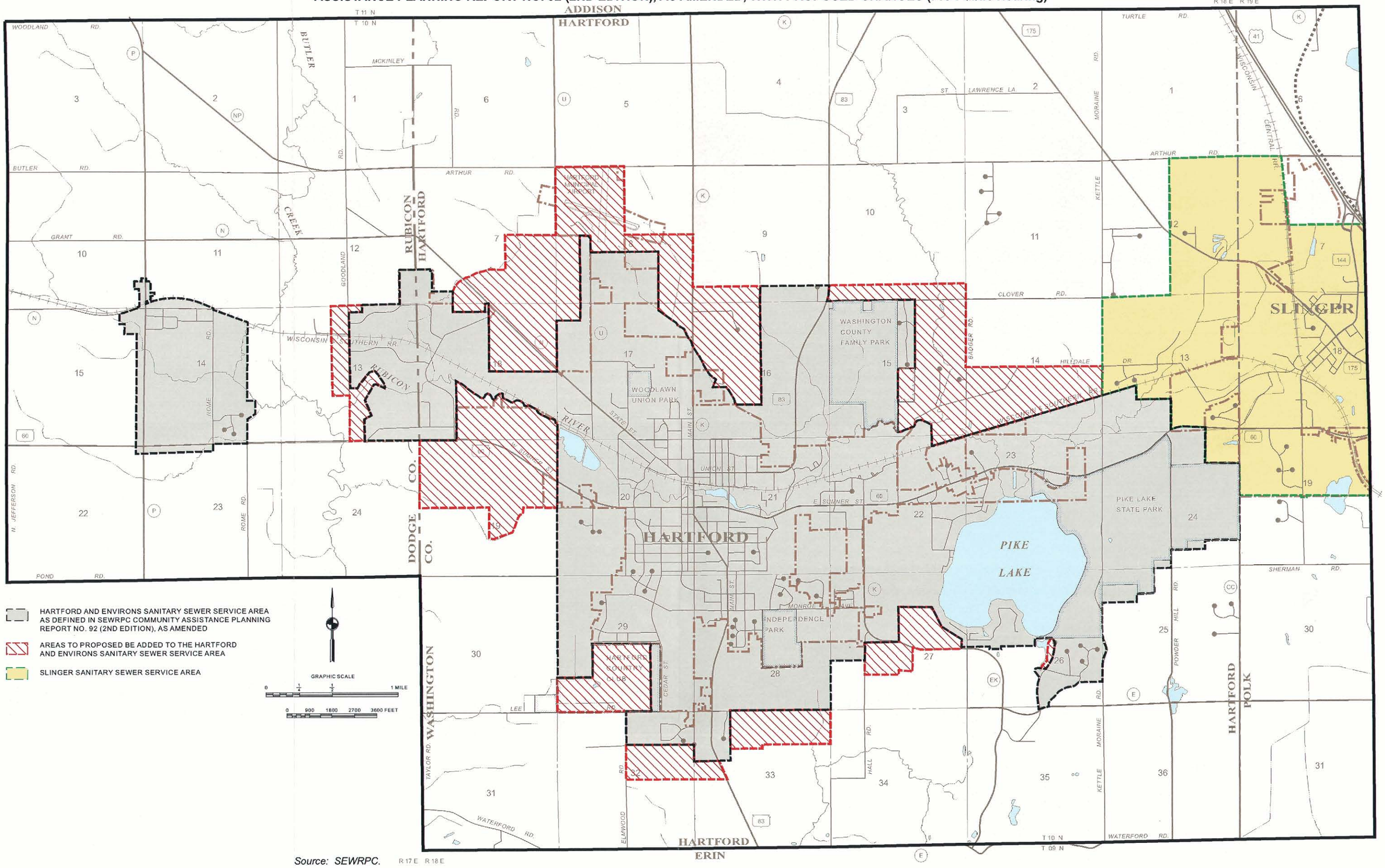
[1] *Includes 522 acres of surface water associated with Pike Lake.*

Map 4 HARTFORD AND ENVIRONS SANITARY SEWER SERVICE AREA AS DEFINED IN SEWRPC COMMUNITY ASSISTANCE PLANNING REPORT NO. 92 (2ND EDITION), AS AMENDED, WITH PROPOSED CHANGES (Pre-Public Hearing)



Source: SEWRPC.

Factors taken into account in the delineation of the revised Hartford sanitary sewer service area included the currently identified sanitary sewer service area plan set forth in SEWRPC Community Assistance Planning Report No. 92 (2nd Edition), *Sanitary Sewer Service Area for the City of Hartford and Environs, Washington County, Wisconsin*, dated June 1995, as amended and shown on Map 4; the design year 2020 regional land use plan documented in SEWRPC Planning Report No. 45, *A Regional Land Use Plan for Southeastern Wisconsin: 2020*, dated December 1997 and adopted by the Regional Planning Commission in 1997; and the City of Hartford land use plan.

The revision effort considered the location, type, and extent of existing urban development; the location of areas where onsite soil-absorption sewage disposal systems were known to be failing; the location and extent of gravity drainage areas tributary to planned sewage treatment facilities; the location and capacity of planned trunk sewers; the location of existing property ownership boundaries; and certain pertinent aspects of the natural resource base, including the location and extent of soils suitable for urban development, the location and extent of primary and secondary environmental corridors, and the location and extent of prime agricultural lands.

As previously noted, the Commission, as part of its regional planning program, including the delineation of sanitary sewer service areas and the subsequent refinements thereof, utilizes the "alternative futures" concept to deal with the uncertainties regarding factors affecting future growth and development within the Region. The sewer service area refinement effort for the Hartford area thus incorporates a range of resident population levels, with the most reasonable lower end of the population range based upon the Commission's intermediate-growth centralized land use plan and with the most reasonable upper end of the population range based upon the Commission's high-growth decentralized plan.

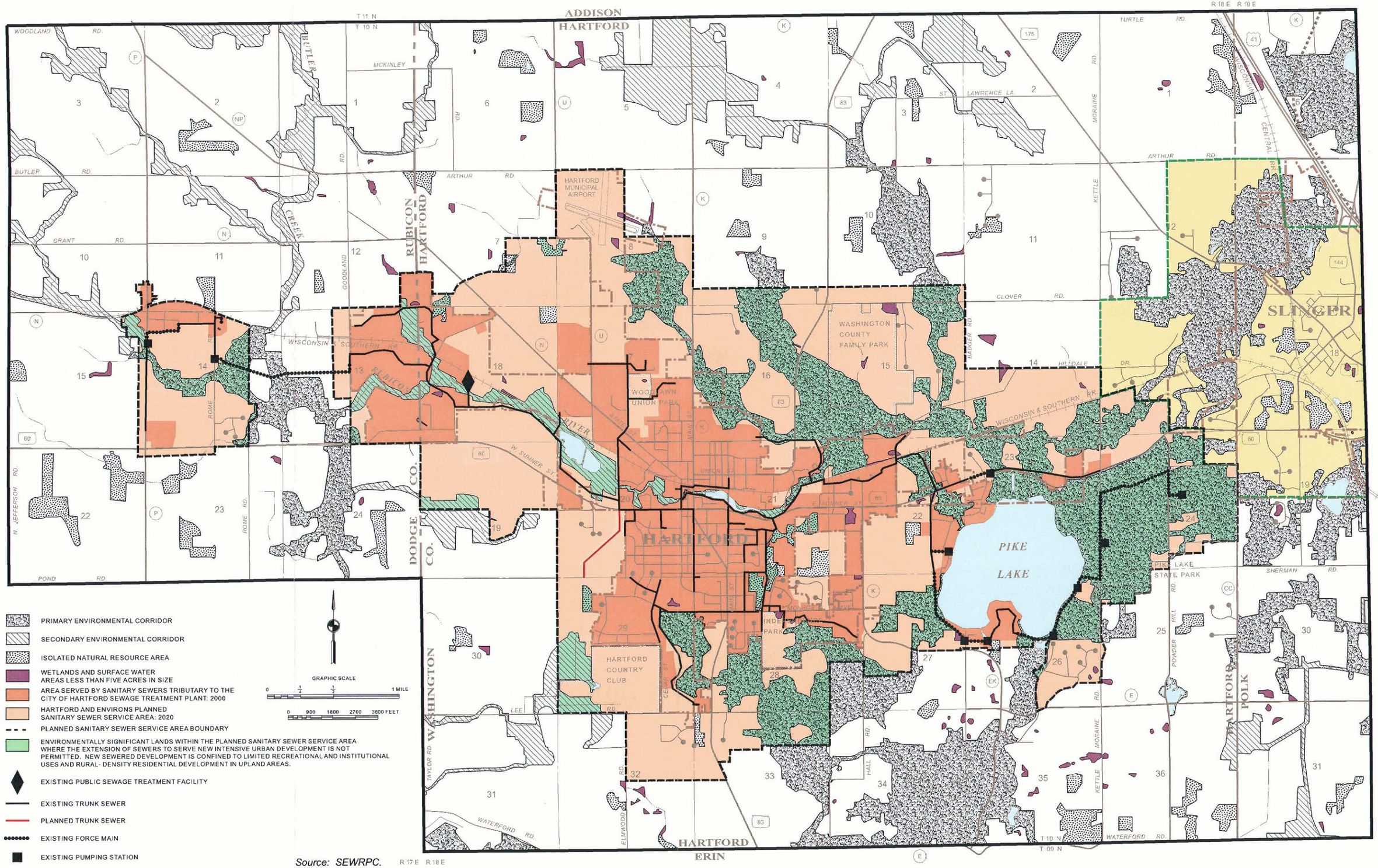
Local sanitary sewer service area and sewerage facility planning work should also consider a range of possible future population levels in the evaluation of alternative facility plans in order to identify alternatives which perform well under a reasonable range of possible future conditions. Construction of certain facilities and mechanical and electrical components of sewage treatment facilities such as pumps, compressors, and chemical-feed equipment are typically based upon relatively short-term population and loading forecasts. These facilities are often replaced or rebuilt at intervals of 10 to 15 years and are amenable to expansion in a staged manner. Accordingly, capital investments in such facilities are often limited to those relatively certain to be needed over a 15 to 20-year design period. The use of the intermediate population forecast may thus be most appropriate for use in the design of such facilities.

Consideration of a high-growth population forecast, however, may be appropriate in delineating a service area and in the design of certain components of the sewerage system that have a longer life, including gravity-flow conveyance facilities and such treatment plant components as hydraulic conduits and tanks. With respect to the size of the service area, the high-growth population forecast may be the most logical to use since the Commission forecasting methodology analyses indicate that such a level is indeed potentially achievable within the Southeastern Wisconsin Region. A sanitary sewer service area size based upon that level may also be desirable in order to provide flexibility to communities in determining the spatial distribution of anticipated new urban development and to facilitate the operation of the urban land market. With respect to the design of certain components of the sewerage system, the use of the high-growth population forecast may also be desirable where the physical life of the facilities is substantially greater than 20 years. Thus, facility construction based upon the high-growth forecast and loading levels may be warranted where the physical life of the facilities extends beyond the 20-year planning period.

Under the foregoing conditions, the resident population levels of the area anticipated to be tributary to the City of Hartford sewage treatment facility would, by the design year 2020, range from about 13,700 persons under the Commmission's intermediate-growth centralized plan, or the Commission's adopted regional land use plan, to about 21,700 persons under the Commission's high-growth decentralized plan.[2]

[2]*Planned population levels under the regional land use plan do not reflect the Dodge County portion of the Hartford sanitary sewer service area. The year 2020 resident population of that portion of the sewer service area is anticipated to range from 400 to 600 persons.*

Map 5 HARTFORD AND ENVIRONS PLANNED SANITARY SEWER SERVICE AREA: 2020 (Pre-Public Hearing)



Source: SEWRPC.

The revised year 2020 Hartford and environs sanitary sewer service area, as submitted to the public hearing, is shown on Maps 4 and 5. Map 4 shows, with red hatch patterns, areas proposed to be added to the Hartford sanitary sewer service area in the revision effort. The proposed additions to the sewer service area encompass 4.1 square miles. Collectively, these areas include 0.6 square mile of urban-related land use; 0.8 square mile of environmentally significant lands; and 2.7 square miles of agricultural and other open lands.[3]

Map 5 depicts the pre-public hearing Hartford and environs sanitary sewer service area, together with environmentally significant areas and trunk sewers. The gross revised Hartford sanitary sewer service area encompasses 16.9 square miles, or 31 percent of the total study area of 54.9 square miles. This gross sewer service area includes about 4.4 square miles of primary environmental corridor, 0.6 square mile of secondary environmental corridor, 0.2 square mile of isolated natural resource areas, and 35 acres of wetlands and surface water areas less than five acres in size. Therefore, a total of about 5.2 square miles, or 31 percent of the sewer service area, would encompass environmentally significant areas, consisting of primary and secondary environmental corridors, isolated natural resource areas, and wetlands and surface water areas less than five acres in size.

Also shown on Map 5 are lands within the planned sanitary sewer service area that are ineligible for sewer service. These areas include all primary environmental corridors, as well as wetlands, floodplains, shorelands, and steeply sloped areas within secondary environmental corridors and isolated natural resource areas.

The Washington County portion of the pre-public hearing Hartford and environs sanitary sewer service area tributary to the City of Hartford sewage treatment facility would accommodate a resident population of about 22,800 persons, assuming full development of vacant lands within the sewer service area as envisioned under the City's land use plan. This population level approximates the upper end of the range of population levels envisioned for the sewer service area under Commission alternative regional land use plans for the year 2020.

The portion of the Hartford sanitary sewer service area located outside of the seven-county SEWRPC planning area, within the Town of Rubicon in Dodge County, is expected to have a future population ranging from 400 to 600 persons. This population is in addition to the aforementioned population level of 22,800 persons to be accommodated within the Washington County portion of the Hartford sewer service area.

PUBLIC REACTION TO THE REVISED SANITARY SEWER SERVICE AREA

On May 22, 2001, a public hearing was held at the Hartford City Hall for the purpose of receiving comments on the proposed Hartford sanitary sewer service area plan shown on Map 5. This hearing was sponsored jointly by the City of Hartford and the Southeastern Wisconsin Regional Planning Commission. Summary minutes of the public hearing are presented in Appendix A.

A summary of the findings and recommendations of the Hartford sanitary sewer service area update and revision process was presented prior to receiving public comment. Topics specifically addressed in the presentation included the rationale for revising the Hartford sewer service area, the importance of the delineation of the outer boundaries of the sewer service area, the importance of the delineation of the environmentally significant lands within the service area, and the significance of these lands insofar as the extension of sewer service is concerned. The probable impact of planned development within the revised sanitary sewer service area on the capacity of the City of Hartford sewage treatment plant was also described. Comments on the revised plan were then solicited.

At the hearing, two individuals, including one representing the Hartford Area Development Council, expressed support for the plan. The Hartford Area Development Council representative indicated that the expanded sewer service area would accommodate housing that is needed in light of the increasing number of jobs in the area.

[3]*In addition to the revisions described above, certain other relatively minor adjustments have been made to the sewer service area plan map. These include the adjustment of the sewer service area boundary to better match real property boundaries and the adjustment of the boundaries of environmentally significant lands to reflect the most recent natural resource base inventory information and the most recent aerial photography.*

An attorney representing the Village of Slinger stated that the Village has concerns about the proposed addition to the Hartford sanitary sewer service area located north of the Wisconsin & Southern Railroad and bounded by Badger Road on the west and Kettle Moraine Road on the east. He indicated that the Village believes that it can more cost effectively extend sewer service to that area and urged the Regional Planning Commission to consider undertaking a study to determine, based upon cost-effectiveness criteria, which community is in a better position to provide service. Following the public hearing, in a letter to the Commission dated June 15, 2001, the Village of Slinger formally requested that the Commission undertake an analysis to determine which community can more cost-effectively serve the area in question. A copy of that letter is included in Appendix B.

In addition, the Washington County Planning and Parks Department staff submitted written comments on the preliminary draft sewer service area plan report; these comments are reproduced in Appendix B. Among its comments, the County staff indicated that some small–less than five-acre–surface water areas have been omitted from the sewer service area plan map. In response to this concern, the delineation of small–less than five-acre–wetland and surface water areas shown on maps in the final sewer service area plan report has been updated to reflect such areas as identified on the recently completed Washington County shoreland maps.

Subsequent to the public hearing, City of Hartford officials recommended that the sewer service area planning process move ahead, with the area contested by the Village of Slinger omitted from the revised Hartford sewer service area at this time. This would enable the City of Hartford to accommodate new urban development in other areas while the cost-effectiveness analysis requested by the Village of Slinger proceeds.

POST-PUBLIC HEARING REVISED HARTFORD SANITARY SEWER SERVICE AREA

Map 6 depicts the Hartford and environs sanitary sewer service area, together with environmentally significant areas and trunk sewers, as revised following the public hearing. This post-public hearing Hartford and environs planned sewer service area is identical to the pre-public hearing sewer service area shown on Map 5, except that a 230-acre area located north of the Wisconsin & Southern Railroad and bounded by Badger Road on the west and Kettle Moraine Road on the east has been omitted. The Hartford Common Council adopted this revised sanitary sewer service area plan on August 28, 2001.

The post-public hearing Hartford sanitary sewer service area encompasses a gross area of 16.5 square miles, or 30 percent of the total study area of 54.9 square miles. This gross sewer service area includes about 4.4 square miles of primary environmental corridor, 0.6 square mile of secondary environmental corridor, 0.2 square mile of isolated natural resource areas, and 35 acres of wetlands and surface water areas less than five acres in size. Therefore, a total of about 5.2 square miles, or 31 percent of the sewer service area, would encompass environmentally significant areas, consisting of primary and secondary environmental corridors, isolated natural resource areas, and wetlands and surface water areas less than five acres in size.

The Washington County portion of the revised Hartford and environs sanitary sewer service area tributary to the City of Hartford sewage treatment facility would accommodate a resident population of about 22,200 persons, assuming full development of vacant lands within the sewer service area as envisioned under the City's land use plan. This population level approximates the upper end of the range of population levels envisioned for the sewer service area under Commission alternative regional land use plans for the year 2020. The population and housing unit levels envisioned in the Hartford sewer service area would be accommodated at an overall density of about 3.6 dwelling units per net residential acre. This density lies within the recommended density range for the Hartford area as identified in the Commission-adopted regional land use plan for the year 2020.[4]

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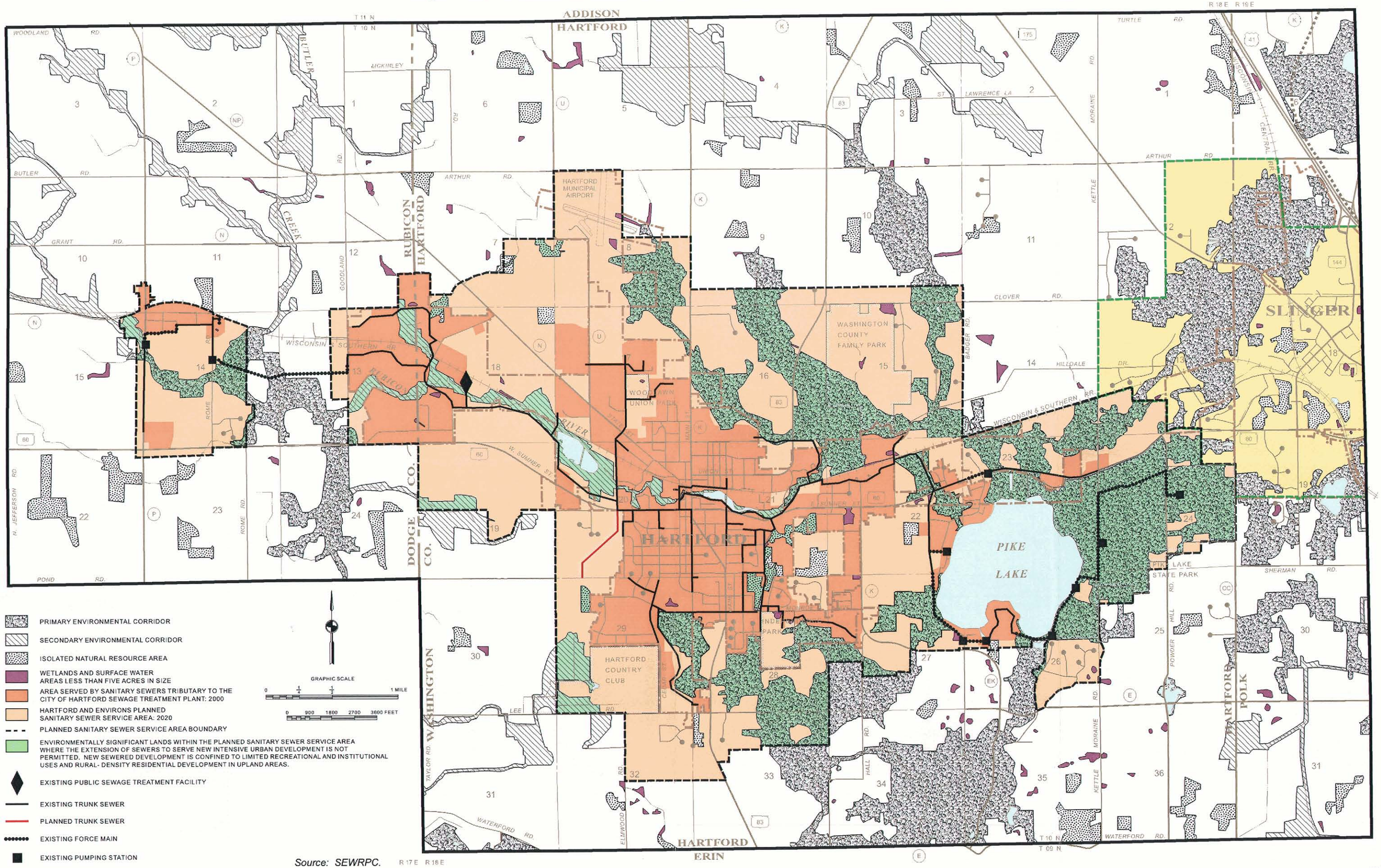
[4]*Net residential density in the Washington County portion of the revised Hartford sanitary sewer service area is determined by dividing the total number of dwelling units anticipated in the sewer service area in the design year by the net residential land area anticipated within that area. The total number of dwelling units anticipated in the Hartford sewer service area in the design year (9,700 units) divided by the net residential land within the sewer service area (2,700 acres) results in an overall net residential density of 3.6 dwelling units per acre.*

Map 6 HARTFORD AND ENVIRONS PLANNED SANITARY SEWER SERVICE AREA: 2020 (Post-Public Hearing)



Source: SEWRPC.

As mentioned earlier, the portion of the Hartford sanitary sewer service area located outside of the seven-county SEWRPC planning area, within the Town of Rubicon in Dodge County, is expected to have a future population ranging from 400 to 600 persons. This population is in addition to the aforementioned population level of 22,200 persons to be accommodated within the Washington County portion of the Hartford sewer service area.

It should be noted that the environmentally significant lands indicated on Map 6 total 140 acres more than the environmentally significant lands indicated on Map 3. As shown on Map 7 in green, lands located within the 100-year recurrence interval flood hazard area associated with the Rubicon River and several intermittent streams, lying within the Hartford sewer service area, are currently undeveloped and adjacent to existing environmental corridor lands. It is anticipated that these lands will remain undeveloped and be added to the adjacent primary and secondary environmental corridors.

Shown in gold on Map 7 are 1,035 additional acres of land located within 100-year recurrence interval flood hazard areas lying outside of the proposed Hartford sewer service area. These floodplain areas would be added to adjacent environmental corridors should the sewer service area be expanded into those areas.

WATER QUALITY IMPACTS

Under the adopted regional water quality management plan and the revised 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. It is also envisioned that all lands identified as primary environmental corridor would not be developed for intensive urban use. It is recognized, however, that certain land uses requiring sanitary sewer service could be properly located in the primary environmental corridors, including park and outdoor recreation facilities, certain institutional uses, and in some cases, extremely low density residential development at a density not to exceed one housing unit per five acres of upland corridor land, compatible with the preservation of the corridors in essentially natural, open uses. These plans also recognize that certain secondary environmental corridors and isolated natural resource areas may be converted to urban uses over the plan design period. However, current Federal, State, and local regulations may effectively preclude development of many such areas. Of particular importance in this regard are natural resource protection regulations dealing with wetlands, floodplains, shorelands, stormwater runoff, and erosion control. Therefore, it is important that the developer or local unit of government concerned determine if it is necessary to obtain any applicable Federal, State, or local permits before any proposed disturbance of wetlands, floodplains, or other regulated lands.[5] 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.

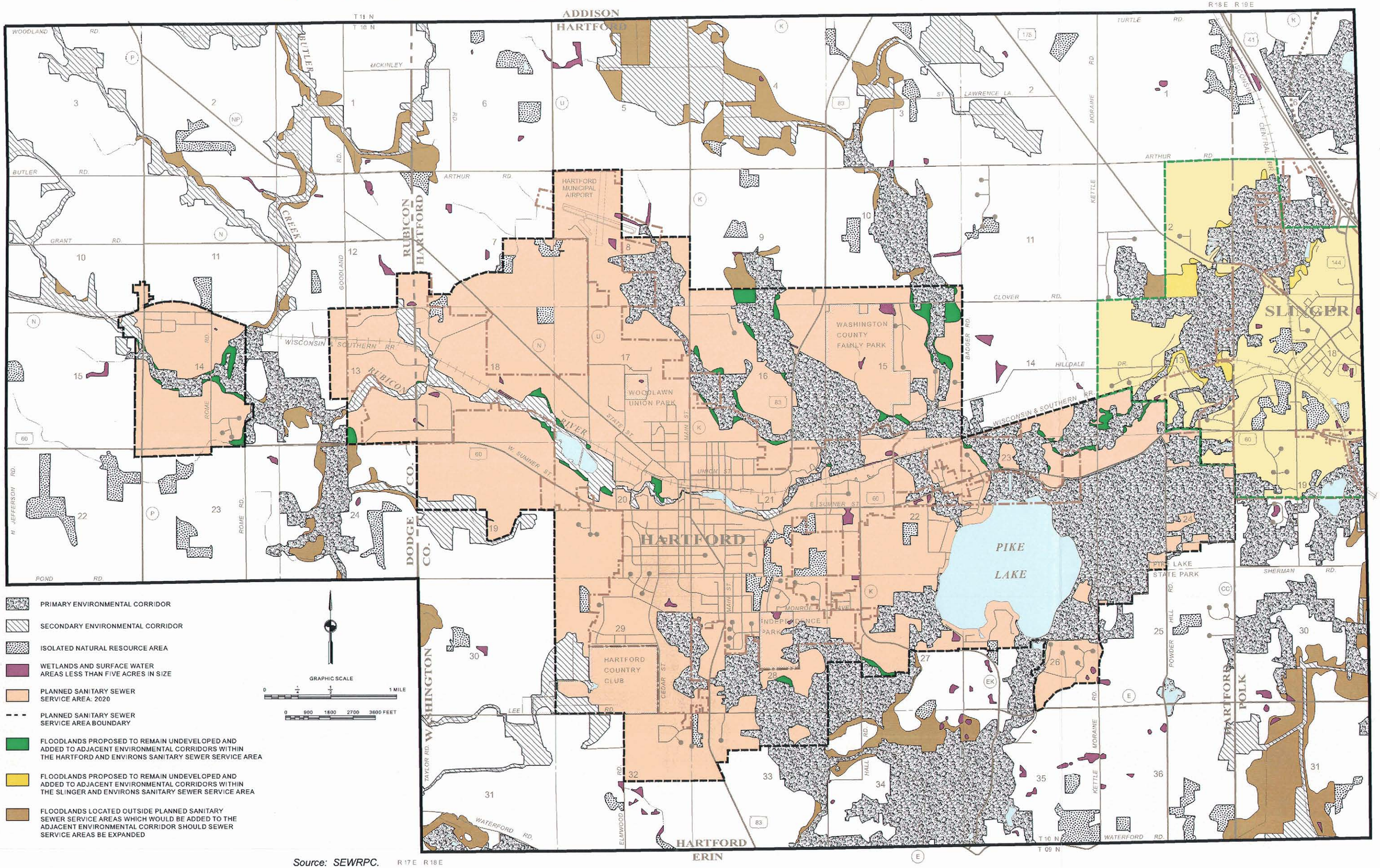
Accordingly, assuming that any applicable Federal, State, and local permits are obtained and that proper site development and construction practices are employed, there should be no significant adverse water quality impacts attributable to the development of the planned sanitary sewer service area.

COST-EFFECTIVENESS ANALYSIS OF SEWAGE CONVEYANCE AND TREATMENT ALTERNATIVES

The planned Hartford sanitary sewer service area set forth in this report is 3.7 square miles or 29 percent larger than the currently adopted sewer service area set forth in the second edition of SEWRPC Community Assistance Planning Report No. 92 (2nd Edition), as amended. All of the proposed additions to the Hartford and environs sewer service area lie adjacent to the currently adopted sewer service area. The nearest other public sanitary

[5] *It should be noted that the sanitary sewer service area map set forth herein, particularly the environmental corridors and isolated natural resource areas shown thereon, are a representation of conditions at the time of map preparation and that such physical features may change over time from natural or human causes. Therefore, the presence and location of wetlands, navigable water, floodplains, and similar site features should be verified by developers, and applicable permits obtained prior to any land disturbing activity.*

Map 7 ANTICIPATED CHANGES IN THE ENVIRONMENTALLY SIGNIFICANT LANDS IN THE HARTFORD AND ENVIRONS STUDY AREA



Source: SEWRPC.

sewerage system, the Village of Slinger system, is located adjacent to the eastern portion of the currently adopted Hartford sewer service area, and at least one mile from areas proposed to be added to the Hartford sewer service area. It may thus be concluded that the most cost-effective means of providing public sanitary sewer service to the entire Hartford sewer service area is through 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 facility. Construction was recently completed to upgrade and expand the Hartford sewage treatment plant providing for a design capacity of 3.4 million gallons per day (mgd) on an average annual basis. The average flow rate in 2000 was about 2.0 mgd. The system served about 11,300 persons in 2000.

The recently expanded City of Hartford sewage treatment plant was designed to serve a population of 15,900 persons. Year 2020 regional plan population projections for the sewer service area range from about 14,200 to 22,200 persons (including about 500 persons in the Dodge County portion of the sewer service area), while full development of the planned sewer service area at densities envisioned in the city land use plan would result in a population of about 22,700 persons (including about 500 persons in Dodge County). The recently expanded sewage treatment plant should be able to meet wastewater treatment needs in the area over the next two decades. Future facility planning may be needed toward the end of that period, particularly if growth and development in the area occur at the high end of the projected range.

IMPLEMENTING RECOMMENDATIONS

It is recommended that the following steps be taken to implement the sanitary sewer service area proposals contained in this report:

1. In addition to adoption by the City of Hartford, formal adoption of SEWRPC Planning Report No. 30, *A Regional Water Quality Management Plan for Southeastern Wisconsin: 2000*, and this SEWRPC Community Assistance Planning Report by the Towns of Hartford and Rubicon, as having lands affected by the sewer service area, is recommended. In addition, endorsement of the plan by Washington and Dodge Counties, as having joint responsibility with the Towns of Hartford and Rubicon in planning and zoning and otherwise regulating the development of lands in the unincorporated portion of the study area, would be desirable.

2. Formal adoption of this SEWRPC Community Assistance Planning Report by the Regional Planning Commission as an amendment to the regional water quality management plan set forth in SEWRPC Planning Report No. 30, with certification of this report as a plan amendment to all parties concerned, including the Wisconsin Natural Resources Board and the U.S. Environmental Protection Agency.

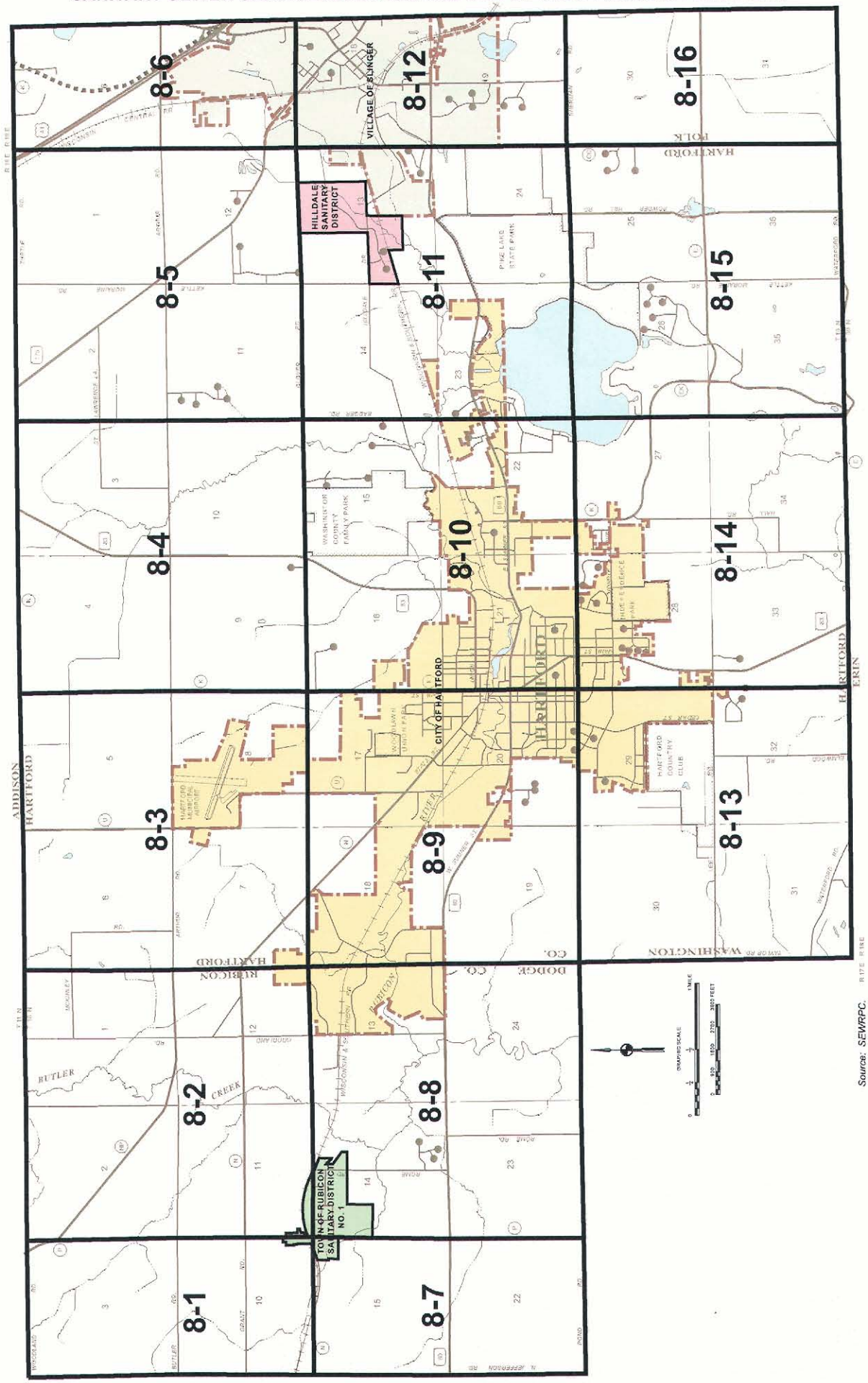
3. Review by all of the local units of government concerned of their zoning, land subdivision control, and related ordinances to ensure that the policies expressed in such ordinances reflect the urban development recommendations inherent in the Hartford and environs sanitary sewer service area as shown on Map 6. In particular, steps should be taken to ensure that those lands identified as being environmentally significant in this report are properly zoned to reflect a policy of retaining such lands, insofar as possible, in essentially natural, open uses.

4. Review by the City of Hartford of utility extension policies to ensure that such policies are consistent with the urban land development recommendations inherent in the delineation of the planned sanitary sewer service area.

In addition, it is envisioned that the Regional Planning Commission, in conjunction with the City of Hartford and the Village of Slinger, will conduct an analysis to identify the most cost-effective means for providing sanitary sewer service to the lands located between the Hartford and Slinger sewer service areas north of the Wisconsin & Southern Railroad.

Map 8

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



Source: SEWRPC.

Map 8-1

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

U. S. Public Land Survey Sections 3 and 10
Township 10 North, Range 17 East

Photography Date: 1995

SECONDARY ENVIRONMENTAL CORRIDOR

SURFACE WATER WITHIN ENVIRONMENTAL CORRIDORS AND ISOLATED NATURAL RESOURCE AREAS

PLANNED SANITARY SEWER SERVICE AREA

GROSS SANITARY SEWER SERVICE AREA BOUNDARY

GRAPHIC SCALE
0 400 800 1200 1600 FEET

Source: SEWRPC.

Map 8-2

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

U. S. Public Land Survey Sections 1, 2, 11, and 12
Township 10 North, Range 17 East

Photography Date: 1995

- SECONDARY ENVIRONMENTAL CORRIDOR
- SURFACE WATER WITHIN ENVIRONMENTAL CORRIDORS AND ISOLATED NATURAL RESOURCE AREAS
- PLANNED SANITARY SEWER SERVICE AREA
- GROSS SANITARY SEWER SERVICE AREA BOUNDARY
- LANDS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA INELIGIBLE FOR SEWER SERVICE: ENVIRONMENTALLY SIGNIFICANT LANDS WHERE THE EXTENSION OF SEWERS TO SERVE NEW INTENSIVE URBAN DEVELOPMENT IS NOT PERMITTED. NEW SEWERED DEVELOPMENT IS CONFINED TO LIMITED RECREATIONAL AND INSTITUTIONAL USES AND RURAL-DENSITY RESIDENTIAL DEVELOPMENT IN UPLAND AREAS.

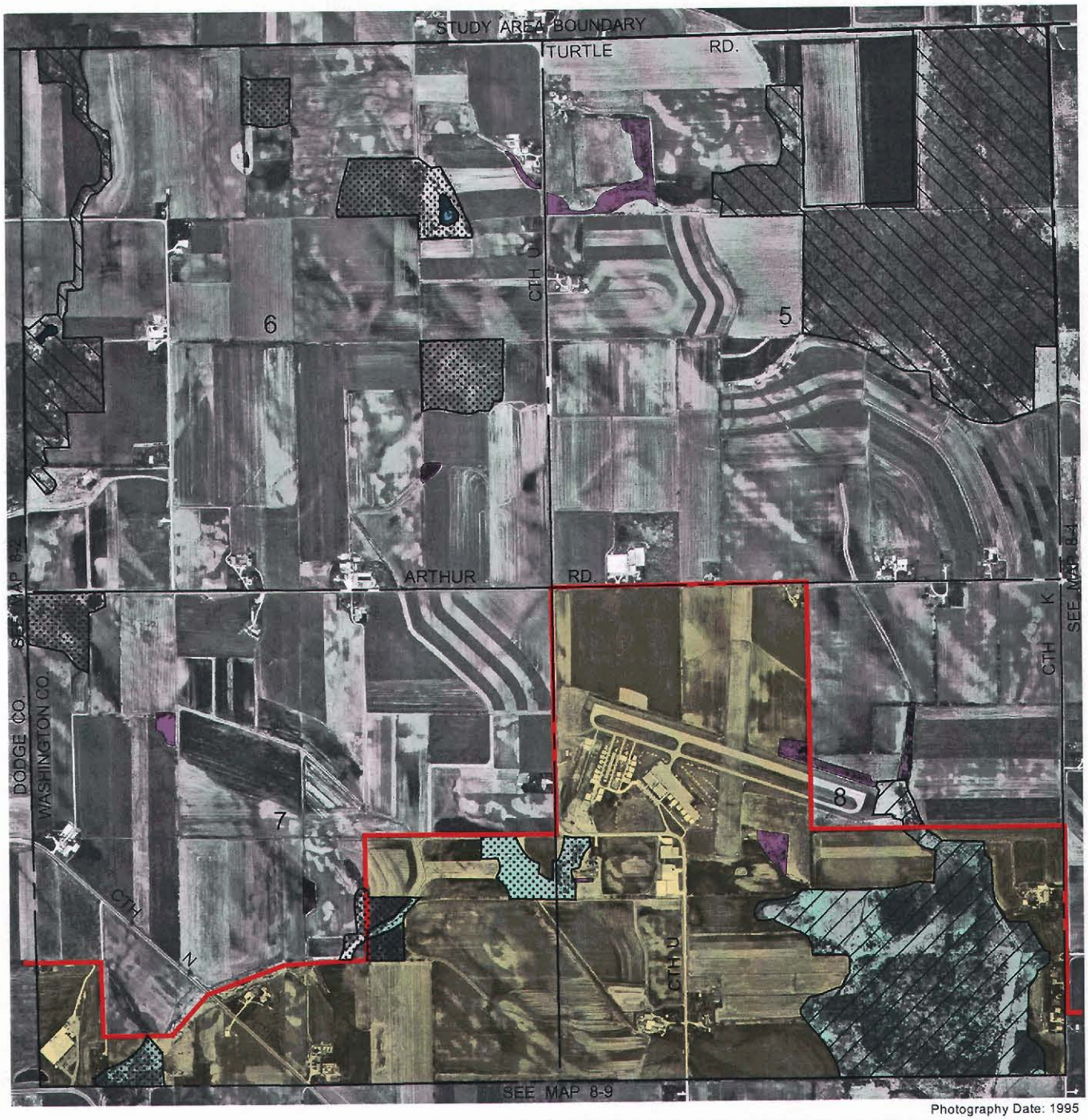
GRAPHIC SCALE
0 400 800 1200 1600 FEET

Source: SEWRPC.

Map 8-3

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

U. S. Public Land Survey Sections 5, 6, 7, and 8
Township 10 North, Range 18 East



Photography Date: 1995

- PRIMARY ENVIRONMENTAL CORRIDOR
- SECONDARY 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
- LANDS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA INELIGIBLE FOR SEWER SERVICE: ENVIRONMENTALLY SIGNIFICANT LANDS WHERE THE EXTENSION OF SEWERS TO SERVE NEW INTENSIVE URBAN DEVELOPMENT IS NOT PERMITTED. NEW SEWERED DEVELOPMENT IS CONFINED TO LIMITED RECREATIONAL AND INSTITUTIONAL USES AND RURAL-DENSITY RESIDENTIAL DEVELOPMENT IN UPLAND AREAS.

GRAPHIC SCALE
0 400 800 1200 1600 FEET

Source: SEWRPC.

Map 8-4

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

U. S. Public Land Survey Sections 3, 4, 9, and 10
Township 10 North, Range 18 East

Photography Date: 1995

- PRIMARY ENVIRONMENTAL CORRIDOR
- SECONDARY ENVIRONMENTAL CORRIDOR
- ISOLATED NATURAL RESOURCE AREA
- WETLANDS AND SURFACE WATER AREAS LESS THAN FIVE ACRES IN SIZE
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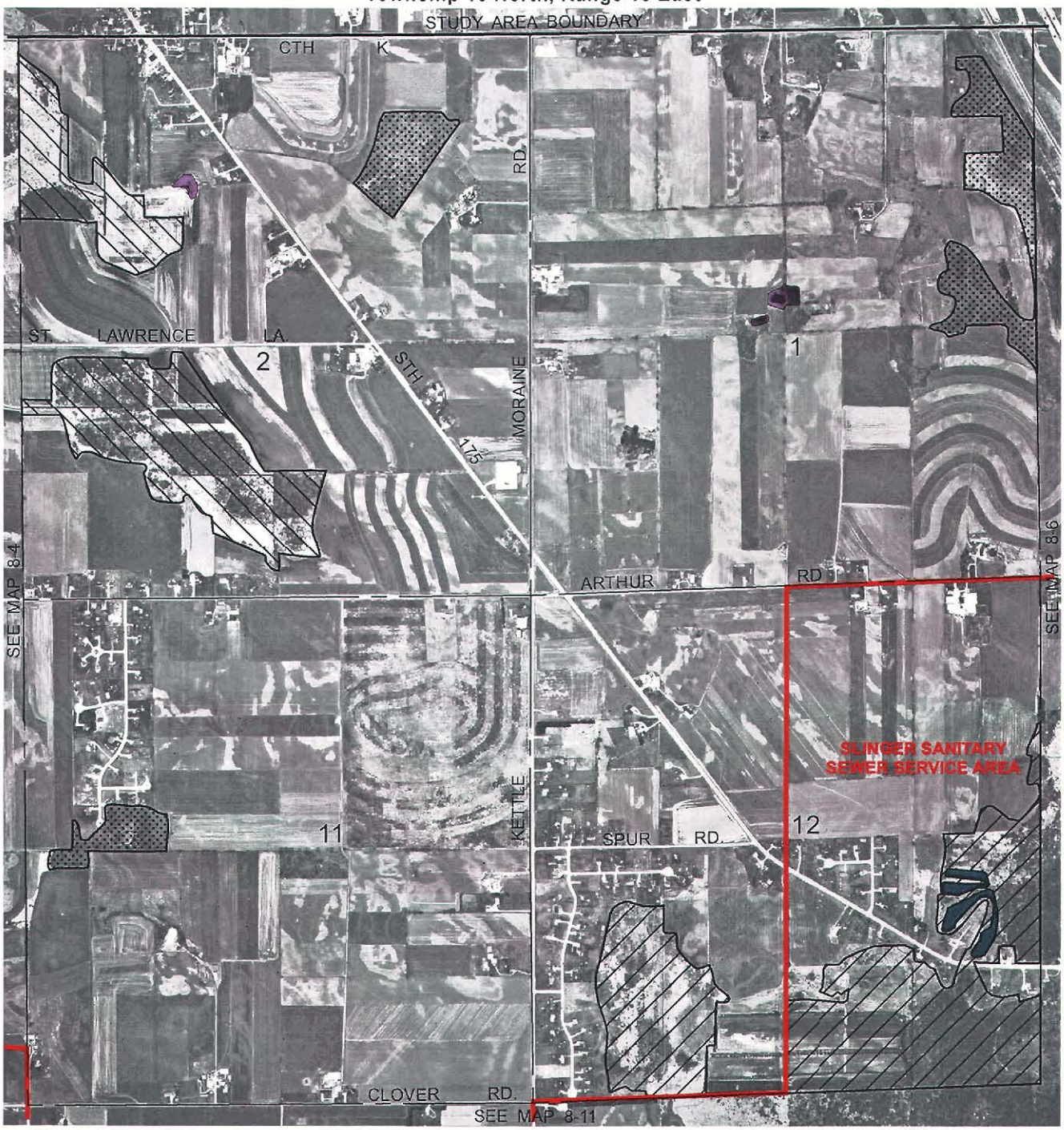
GRAPHIC SCALE
0 400 800 1200 1600 FEET

Source: SEWRPC.

Map 8-5

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

U. S. Public Land Survey Sections 1, 2, 11, and 12
Township 10 North, Range 18 East



Photography Date: 1995

- PRIMARY ENVIRONMENTAL CORRIDOR
- SECONDARY 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
- GROSS SANITARY SEWER SERVICE AREA BOUNDARY

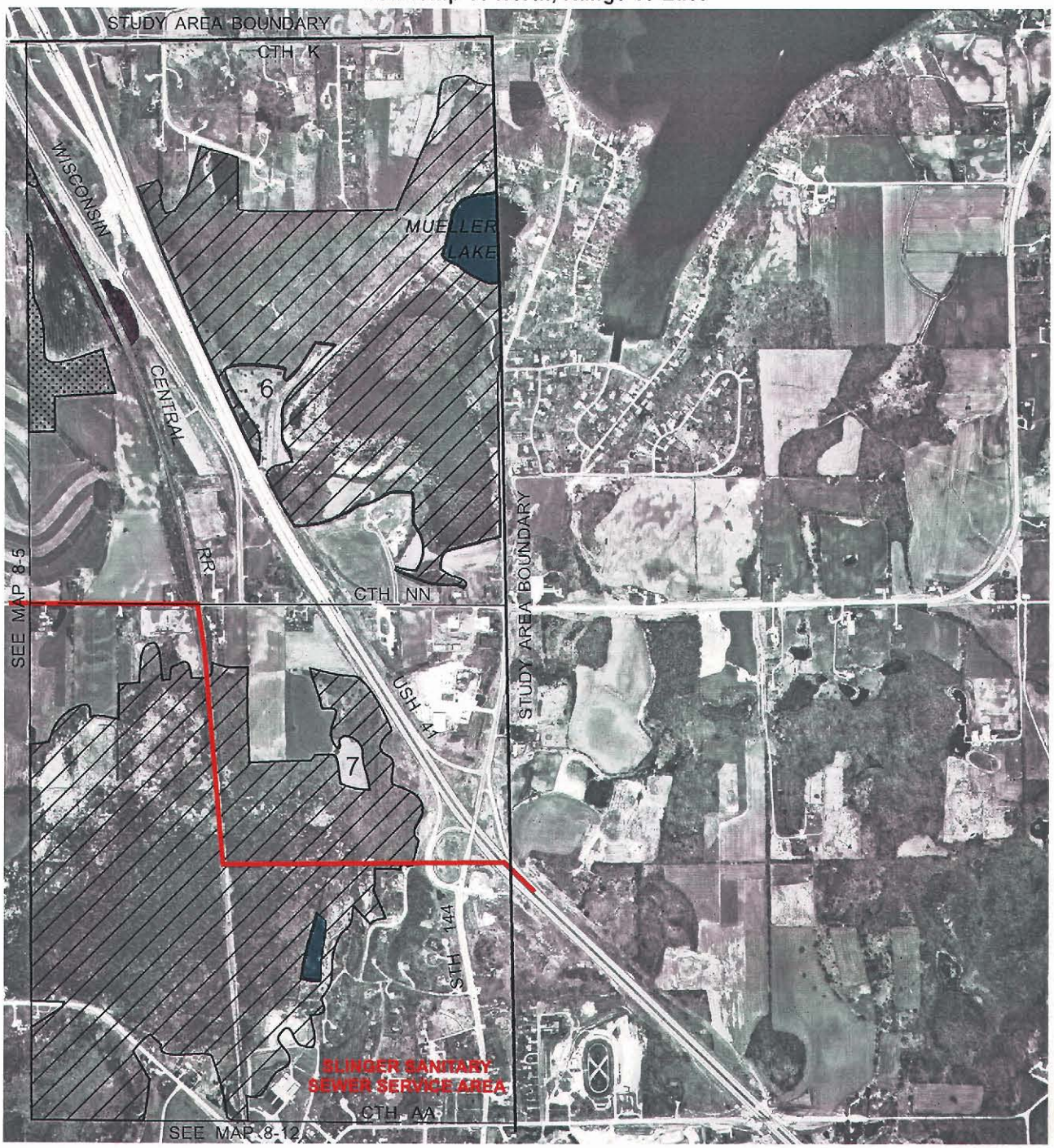
GRAPHIC SCALE
0 400 800 1200 1600 FEET

Source: SEWRPC.

Map 8-6

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

U. S. Public Land Survey Sections 6 and 7
Township 10 North, Range 19 East



Photography Date: 1995

- 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
- GROSS SANITARY SEWER SERVICE AREA BOUNDARY

GRAPHIC SCALE
0 400 800 1200 1600 FEET

Source: SEWRPC.

Map 8-7

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

U. S. Public Land Survey Sections 15 and 22
Township 10 North, Range 17 East

Photography Date: 1995

- 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
- LANDS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA INELIGIBLE FOR SEWER SERVICE: ENVIRONMENTALLY SIGNIFICANT LANDS WHERE THE EXTENSION OF SEWERS TO SERVE NEW INTENSIVE URBAN DEVELOPMENT IS NOT PERMITTED. NEW SEWERED DEVELOPMENT IS CONFINED TO LIMITED RECREATIONAL AND INSTITUTIONAL USES AND RURAL-DENSITY RESIDENTIAL DEVELOPMENT IN UPLAND AREAS.

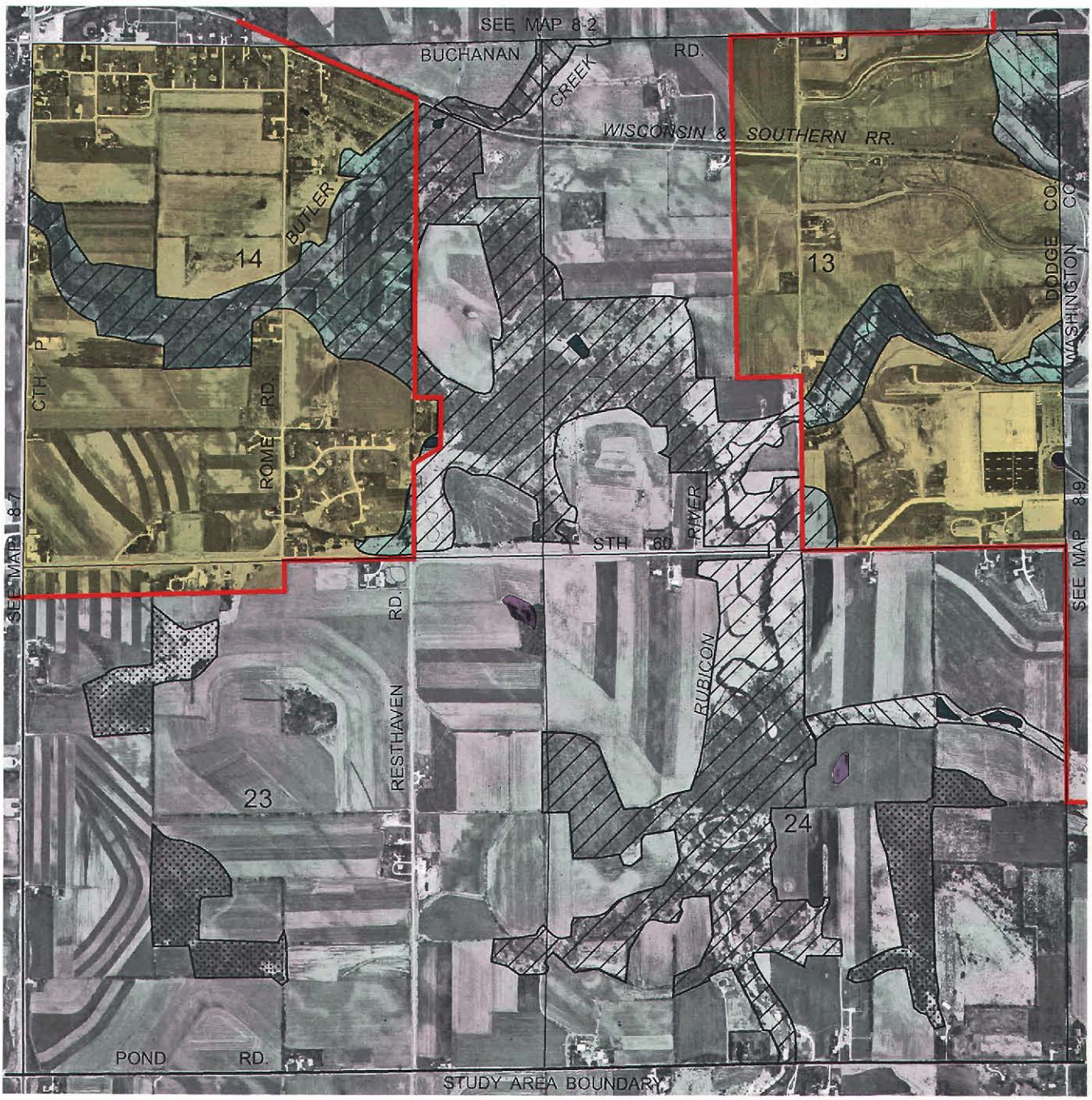
GRAPHIC SCALE
0 400 800 1200 1600 FEET

Source: SEWRPC.

Map 8-8

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

U. S. Public Land Survey Sections 13, 14, 23, and 24
Township 10 North, Range 17 East



Photography Date: 1995

- PRIMARY ENVIRONMENTAL CORRIDOR
- SECONDARY 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
- LANDS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA INELIGIBLE FOR SEWER SERVICE: ENVIRONMENTALLY SIGNIFICANT LANDS WHERE THE EXTENSION OF SEWERS TO SERVE NEW INTENSIVE URBAN DEVELOPMENT IS NOT PERMITTED. NEW SEWERED DEVELOPMENT IS CONFINED TO LIMITED RECREATIONAL AND INSTITUTIONAL USES AND RURAL-DENSITY RESIDENTIAL DEVELOPMENT IN UPLAND AREAS.

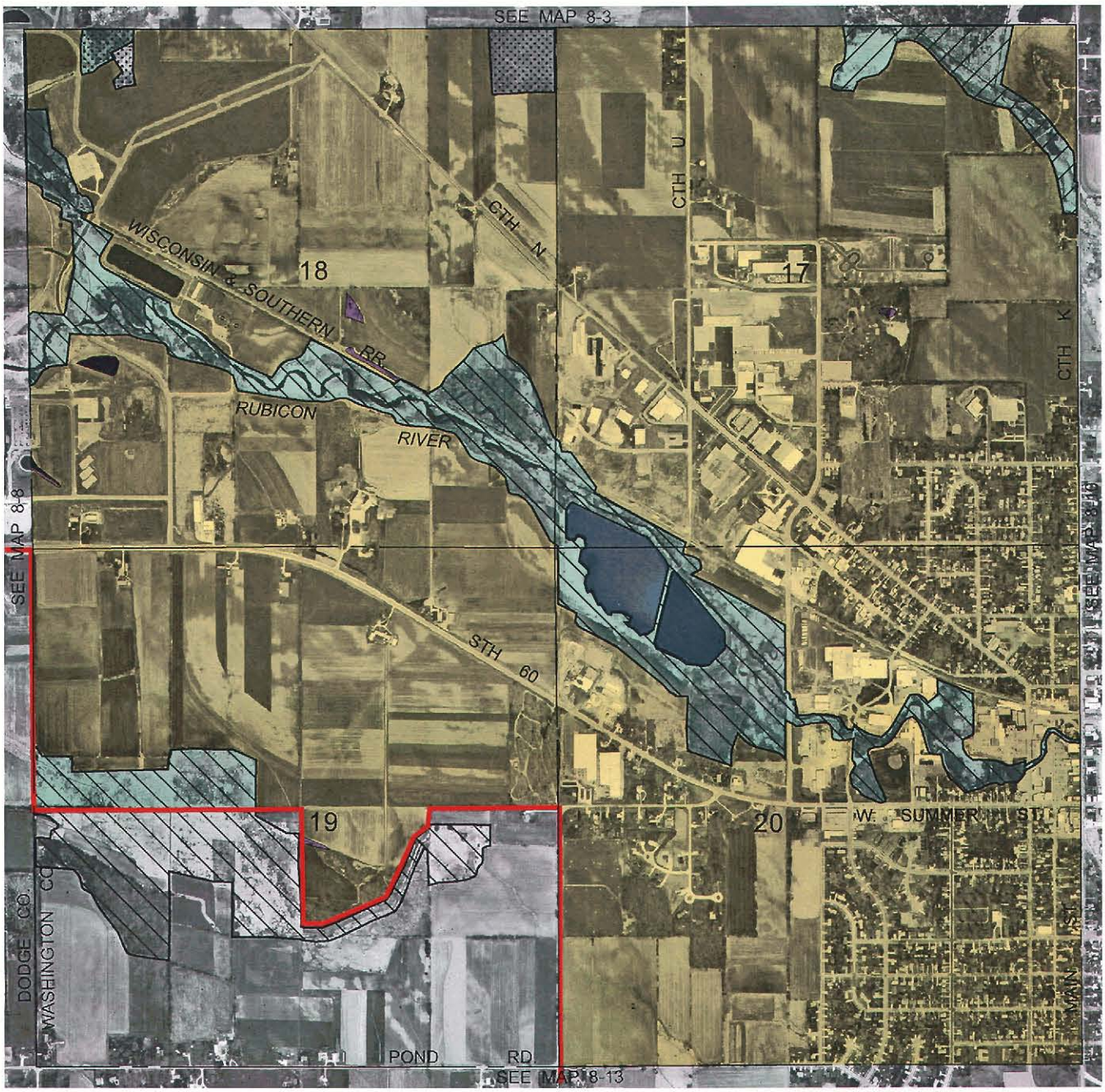
GRAPHIC SCALE
0 400 800 1200 1600 FEET

Source: SEWRPC.

Map 8-9

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

U. S. Public Land Survey Sections 17, 18, 19, and 20
Township 10 North, Range 18 East



Photography Date: 1995

- PRIMARY ENVIRONMENTAL CORRIDOR
- SECONDARY 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
- LANDS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA INELIGIBLE FOR SEWER SERVICE: ENVIRONMENTALLY SIGNIFICANT LANDS WHERE THE EXTENSION OF SEWERS TO SERVE NEW INTENSIVE URBAN DEVELOPMENT IS NOT PERMITTED. NEW SEWERED DEVELOPMENT IS CONFINED TO LIMITED RECREATIONAL AND INSTITUTIONAL USES AND RURAL-DENSITY RESIDENTIAL DEVELOPMENT IN UPLAND AREAS.

GRAPHIC SCALE
0 400 800 1200 1600 FEET

Source: SEWRPC.

Map 8-10

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

U. S. Public Land Survey Sections 15, 16, 21, and 22
Township 10 North, Range 18 East

Photography Date: 1995

- PRIMARY ENVIRONMENTAL CORRIDOR
- SECONDARY 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
- LANDS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA INELIGIBLE FOR SEWER SERVICE: ENVIRONMENTALLY SIGNIFICANT LANDS WHERE THE EXTENSION OF SEWERS TO SERVE NEW INTENSIVE URBAN DEVELOPMENT IS NOT PERMITTED. NEW SEWERED DEVELOPMENT IS CONFINED TO LIMITED RECREATIONAL AND INSTITUTIONAL USES AND RURAL-DENSITY RESIDENTIAL DEVELOPMENT IN UPLAND AREAS.

GRAPHIC SCALE
0 400 800 1200 1600 FEET

Source: SEWRPC.

Map 8-11

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

U. S. Public Land Survey Sections 13, 14, 23, and 24
Township 10 North, Range 18 East

Photography Date: 1995

- PRIMARY ENVIRONMENTAL CORRIDOR
- 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
- LANDS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA INELIGIBLE FOR SEWER SERVICE: ENVIRONMENTALLY SIGNIFICANT LANDS WHERE THE EXTENSION OF SEWERS TO SERVE NEW INTENSIVE URBAN DEVELOPMENT IS NOT PERMITTED. NEW SEWERED DEVELOPMENT IS CONFINED TO LIMITED RECREATIONAL AND INSTITUTIONAL USES AND RURAL-DENSITY RESIDENTIAL DEVELOPMENT IN UPLAND AREAS.

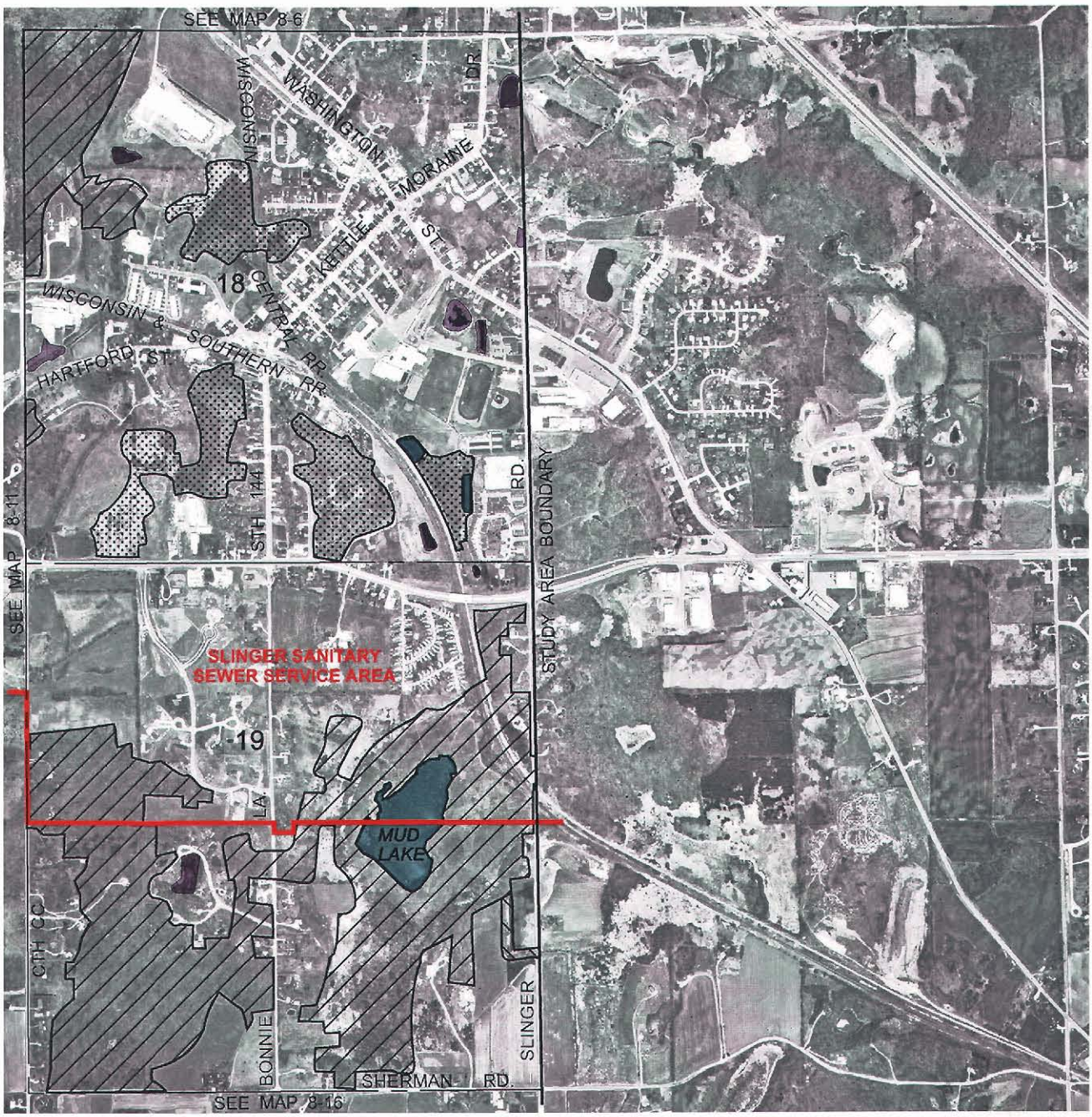
GRAPHIC SCALE
0 400 800 1200 1600 FEET

Source: SEWRPC.

Map 8-12

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

U. S. Public Land Survey Sections 18 and 19
Township 10 North, Range 19 East



Photography Date: 1995

- PRIMARY ENVIRONMENTAL CORRIDOR
- SECONDARY 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
- GROSS SANITARY SEWER SERVICE AREA BOUNDARY

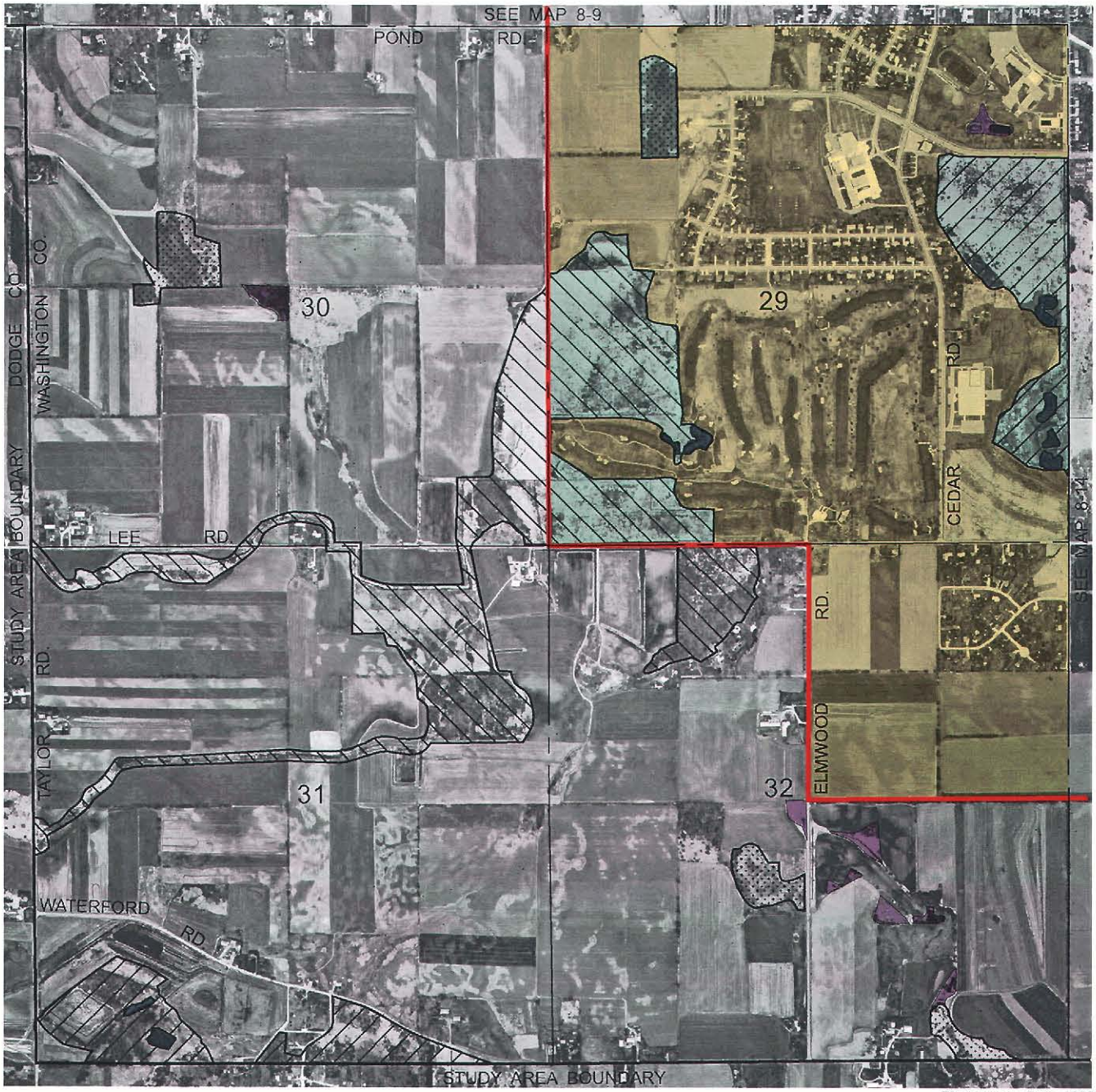
GRAPHIC SCALE
0 400 800 1200 1600 FEET

Source: SEWRPC.

Map 8-13

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: 1995

- PRIMARY ENVIRONMENTAL CORRIDOR
- SECONDARY 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
- LANDS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA INELIGIBLE FOR SEWER SERVICE: ENVIRONMENTALLY SIGNIFICANT LANDS WHERE THE EXTENSION OF SEWERS TO SERVE NEW INTENSIVE URBAN DEVELOPMENT IS NOT PERMITTED. NEW SEWERED DEVELOPMENT IS CONFINED TO LIMITED RECREATIONAL AND INSTITUTIONAL USES AND RURAL-DENSITY RESIDENTIAL DEVELOPMENT IN UPLAND AREAS.

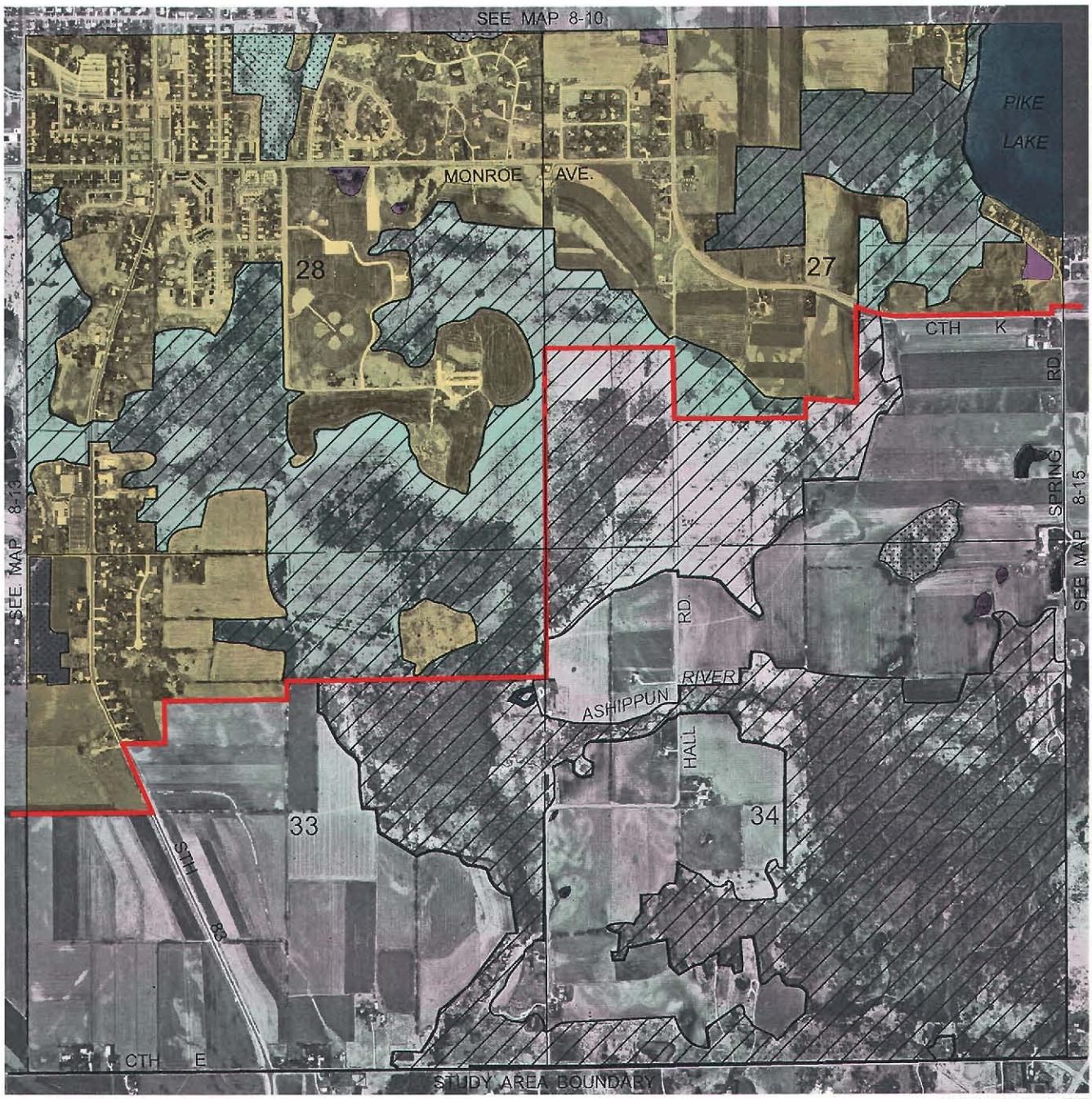
GRAPHIC SCALE
0 400 800 1200 1600 FEET

Source: SEWRPC.

Map 8-14

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: 1995

- 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
- LANDS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA INELIGIBLE FOR SEWER SERVICE: ENVIRONMENTALLY SIGNIFICANT LANDS WHERE THE EXTENSION OF SEWERS TO SERVE NEW INTENSIVE URBAN DEVELOPMENT IS NOT PERMITTED. NEW SEWERED DEVELOPMENT IS CONFINED TO LIMITED RECREATIONAL AND INSTITUTIONAL USES AND RURAL-DENSITY RESIDENTIAL DEVELOPMENT IN UPLAND AREAS.

GRAPHIC SCALE
0 400 800 1200 1600 FEET

Source: SEWRPC.

Map 8-15

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

U. S. Public Land Survey Sections 25, 26, 35, and 36
Township 10 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

SURFACE WATER WITHIN ENVIRONMENTAL CORRIDORS AND ISOLATED NATURAL RESOURCE AREAS

PLANNED SANITARY SEWER SERVICE AREA

GROSS SANITARY SEWER SERVICE AREA BOUNDARY

LANDS WITHIN THE PLANNED SANITARY SEWER SERVICE AREA INELIGIBLE FOR SEWER SERVICE: ENVIRONMENTALLY SIGNIFICANT LANDS WHERE THE EXTENSION OF SEWERS TO SERVE NEW INTENSIVE URBAN DEVELOPMENT IS NOT PERMITTED. NEW SEWERED DEVELOPMENT IS CONFINED TO LIMITED RECREATIONAL AND INSTITUTIONAL USES AND RURAL-DENSITY RESIDENTIAL DEVELOPMENT IN UPLAND AREAS.

GRAPHIC SCALE
0 400 800 1200 1600 FEET

Source: SEWRPC.

Map 8-16

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

U. S. Public Land Survey Sections 30 and 31
Township 10 North, Range 19 East

Photography Date: 1995

PRIMARY ENVIRONMENTAL CORRIDOR

SECONDARY 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

GRAPHIC SCALE

0 400 800 1200 1600 FEET

Source: SEWRPC.

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APPENDICES

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Appendix A

Minutes of the Public Hearing

PUBLIC HEARING #6

Receiving public comment on, and reaction to,
a proposed revision to the sanitary sewer
service area for the City of Hartford and environs

Mayor Henke declared the public hearing open at 8:42 p.m. City Planner & Director of Development Spielmann noted that the City is requesting the Southeastern Wisconsin Regional Planning Commission (SEWRPC) to amend the currently adopted Hartford Sanitary Sewer Area. This follows Council action starting the revision process in 1999, followed by extensive negotiations between city staff and SEWRPC staff. Various SEWRPC analyses requiring a reduction in the sewer service area size have been in front of the Plan Commission recently. The new boundary reflects staff's best estimate as to where development is more likely to occur over the next 20 years. This is based on cost of infrastructure, suitability for development, and historical trends. The boundary also reflects aspects of the Town of Hartford-City of Hartford Vision 2020 Agreement and areas within which the proposed Land Use Plan Map are in process of being updated to the year 2020.

SEWRPC Representative Bill Stauber noted that SEWRPC is the designated water quality management planning agency for Southeast Wisconsin and as such is responsible for preparing and maintaining a water quality management plan. The Commission adopted such a plan in 1979 and has amended it several times since. A key aspect of the water quality plan is a sewer service element, which includes recommendations regarding treatment facilities and sewer service areas. The role of SEWRPC is to ensure that the sewer service area is sized properly and that environmentally significant lands are properly identified.

Mr. Stauber noted that the Hartford sewer Service Area Plan was prepared and adopted in 1984, with a comprehensive revision in 1995. The purpose of the current revision is to extend the sewer service area plan 10 years into the future to 2020; the current plan is designed for the year 2010. Mr. Stauber noted that the proposed additions to the sewer service area total approximately 4.1 square miles, which includes 0.6 square miles of urban-related land use; 0.8 square miles of environmentally significant lands; and 2.7 square miles of agricultural and other open lands. With the 4.1 square mile addition, the sewer service area would encompass nearly 17 square miles of which about 5 square miles would be environmentally significant lands. The revised sewer service area could accommodate a population of approximately 22,800 persons assuming full development of vacant lands within the sewer service area as envisioned under the City's Land use Plan. This population level approximates the upper end of the range of population levels anticipated for the sewer service area under SEWRPC alternative regional land use plans for the year 2020.

The gross sewer service area includes about 4.4 square miles of primary environmental corridor, 0.6 square miles of secondary environmental corridor, 0.2 square miles of isolated natural resource areas, and 35 acres of wetlands

and surface water areas less than five acres in size which are ineligible for sewer service. Lands located within the 100-year recurrence interval flood hazard area associated with the Rubicon River and several intermittent streams, lying within the Hartford sewer service area, are currently undeveloped and adjacent to existing environmental corridor lands. It is anticipated that these lands will remain undeveloped and be added to the adjacent primary and secondary environmental corridors. Mr. Stauber pointed out that the precise identification of some of the environmental corridors will require a field survey.

The recently expanded sewage treatment plant was designed to serve a population of 15,900 persons. The treatment plant should be able to most wastewater treatment needs in the area over the next two decades. Future facility planning may be needed toward the end of that period, particularly if growth and development in the area occur at the high end of the projected range. In conclusion, Mr. Stauber noted that the City and SEWRPC will need to decide whether the proposed changes should be made to the sewer service area.

In response to an inquiry from Alderperson Gee, Mr. Stauber reiterated that the revised sewer service area could accommodate a population of approximately 22,800 persons assuming full development of vacant lands within the sewer service area as envisioned under the City's Land Use Plan.

Mike Herbrand, Attorney for the Village of Slinger, noted that the village received a copy of the preliminary draft of the Sanitary Sewer Service Area for the City of Hartford and Environs last week and has not had a chance to submit a formal written response. Attorney Herbrand indicated that he is raising objection to the requested addition that lies in the southern portion of Section 14. He noted that the concern of the Village of Slinger relates to which community (City of Hartford or Village of Slinger) can more cost effectively provide sanitary sewer to this area, regardless of where future corporate boundaries lie. Mr. Herbrand indicated that the Village of Slinger believes it can more cost effectively serve this area as it has sanitary sewer on the east side of Kettle Moraine Drive. He urged the Common Council and SEWRPC to consider a cost study to determine which community is in a better position to serve this area. Attorney Herbrand noted that the Village of Slinger is in a better position to serve this area more cost effectively at this time, and that it is an important consideration for each community regardless of where the corporate boundaries are envisioned in the future. He indicated that the Village has and will make its concerns regarding the cost effective study known to representatives of SEWRPC.

Tom Zuern spoke in favor of the proposed revisions to the sanitary sewer service area. Mr. Zuern talked about areas that the Village of Slinger did have the opportunity to include in its sanitary sewer area and chose not to.

HADC Executive Director Werner Wolpert also spoke in favor of the proposed revisions to the sanitary sewer service area, and talked about the importance of providing sufficient housing to accommodate Hartford's growing employment figures.

Mr. Spielmann read a letter from the Washington County Planning and Parks Department indicating that they reviewed the maps associated with both the proposed sewer service area and the neighborhood plan map. They note that both proposals appear to be in keeping with past development standards that have been utilized in the City and its environs. They also note in the letter that there appears to be some discrepancies in the proposed sewer service

area boundaries between the 2020 sewer service area that SEWRPC has shown and the proposed land use plans the City is proposing. Mr. Spielmann noted that this will be corrected in the final documents. They indicated that the SEWRPC document identifies a series of wetland and surface water areas less than five acres in size and questioned if it is SEWRPC's intent to show all man-made water features or strictly those that are natural. If it is the intent to capture all water features of this size, then there are numerous omissions that have occurred. Their staff concurs that the proposed expanded sewer service area is substantial and an environmental assessment may be justified because of the percentage of change.

City Administrator Koppelberger noted that the purpose Of the public hearing was to gather information from the public prior to Common Council consideration of the proposed revisions to the sanitary sewer service area. The comments expressed will be taken into consideration by staff prior to making a final recommendation to the Common Council and SEWRPC. Mayor Henke adjourned the public hearing at 9:15 p.m.

In response to an inquiry from Alderperson Hegy, Mr. Stauber noted that this is considered a major revision to the City's sewer service area, and that revisions are typical every 5 years. In addition, Mr. Spielmann noted that the Common Council could amend the final document prior to adoption.

* * *

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Appendix B

Written Correspondence

Village of Slinger
Incorporated 1869
Washington County
220 Slinger Road
P.O. Box 227
Slinger, Wisconsin 53086-0227

Slinger Utilities
Electric
Sewer
Water
Telephone: (262)644-5265
Facsimile: (262)644-6341

June 12, 2001

Phil Evenson, Executive Director
Southeastern Wisconsin Regional
Planning Commission
916 N. East Avenue
PO Box 1607
Waukesha, Wi 53187-1607

Ref : Request for Cost Analysis

The Village of Slinger is in receipt of a preliminary draft of the proposed Sanitary Sewer Service Area for the City of Hartford and Environs. On May 22nd, Mr Michael Herbrand, representing the Village of Slinger, attended a Planning Commission meeting of the City of Hartford to object to the inclusion of certain portions of the proposed service area.

The Village of Slinger is formally requesting that SEWRPC conduct a cost analysis for the area bounded by Badger road to the West and Kettle Moraine Road to the East (Kettle Moraine Drive is in the Village of Slinger...Kettle Moraine Road is in Hartford Township, and runs North from Rt 60 towards Arthur Rd, and South from Rt 60 towards the Town of Erin....you should adjust your maps). It is the contention of the Village that the Village Sanitary Sewer system, which is only a stone's throw away, could more efficiently service this area.

If this area were not included in the proposed service area, the Village would have no objection to the draft proposal. Since the City of Hartford seems unwilling to remove this section, thus extending the time frame for final approval of its proposal, the Village has no choice but to request that this study be conducted.

Very Truly Yours,

Gregory A Knowles
Village Administrator

Printed on Recycled Paper

Washington County
Planning and Parks Department

Public Agency Center, Suite 2300
333 East Washington Street
West Bend, WI 53095-2585

Phone: (262) 335-4445
Metro: (414) 342-2929, Ext. 4445
FAX: (262) 335-6868

May 21, 2001

Mr. Philip C. Evenson
Executive Director
SEWRPC
PO Box 1607
916 N. East Avenue
Waukesha WI 53187-1607

Mr. John C. Spielmann
City Planner and Director of Development
City of Hartford
109 North Main Street
Hartford, WI 53027-1591

Subject: Proposed Sanitary Sewer Service Area City of Hartford
And City of Hartford Neighborhood Plan Map

Dear Messrs. Evenson and Spielmann:

Our Department has reviewed the maps associated with the two projects referenced above. Both proposals appear to be in keeping with past development standards that have been utilized in the City of Hartford and its environs. We have noted minor issues that we would like to bring to your attention at this time.

There appear to be some discrepancies in the proposed sewer service area boundaries between the 2020 Sewer Service Area that SEWRPC has shown and the proposed 2010 and 2020 Land Use Plans that the City has proposed. The area in which we have noted discrepancies include portions of Sections 26, 27, 28, 33 and 34, Town of Hartford. In addition, the Slinger sanitary sewer service area is shown but has not been identified in the legend. We think this should be included for clarity. The SEWRPC document also identifies a series of wetland and surface water areas less than five acres in size. Is it SEWRPC's intent to show all man-made water features or strictly those that are natural? If it is the intent to capture all water features of this size, then there are numerous omissions that have occurred.

We appreciate the effort that both SEWRPC and the City of Hartford have expended on these projects and also appreciate the fact that the City is looking to 2040 planning as well as the typical 20 year increments. Our staff would also concur that the proposed expanded Hartford Sewer Service Area is substantial and an environmental assessment may be justified because of the percentage of change. Our field staff feels that the areas that have been identified include areas that have a history of concerns with siting privately owned wastewater treatment systems. We did not identify any other areas that we felt should be included at this time.

Thank you for the opportunity to review both of these documents as well as forwarding comments to you. If you have any questions, feel free to contact either Phil Gaudet or myself at this Department.

Sincerely,

Herbert F. Wolf
Assistant Administrator
Planning & Parks Department

HFW:ldh

Cc: Scott Henke, Mayor, City of Hartford
Gregory Knowles, Village of Slinger Administrator
Pat Hoerth, Town of Hartford