

AMENDMENT TO THE

REGIONAL WATER QUALITY MANAGEMENT PLAN

● WESTERN RACINE COUNTY
SEWERAGE DISTRICT

AS ADOPTED BY THE
WATERFORD
ROCHESTER

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

JUNE 2000

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REGIONAL PLANNING COMMISSION**

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William J. Stauber, AICP. Chief Land Use Planner

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

916 N. EAST AVENUE • P.O. BOX 1607 • WAUKESHA, WISCONSIN 53187-1607 • TELEPHONE (262) 547-6721
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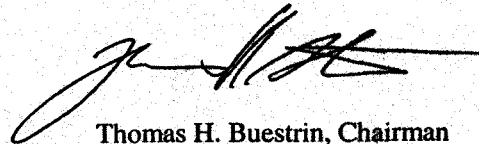
KENOSHA
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SUBJECT: Certification of Amendment to the Adopted Regional Water Quality Management Plan (Waterford/Rochester Sanitary Sewer Service Area)

TO: The Legislative Bodies of Concerned Local Units of Government within the Southeastern Wisconsin Region, namely: the County of Racine, the Villages of Rochester and Waterford, the Towns of Rochester and Waterford, and the Western Racine County Sewerage District.

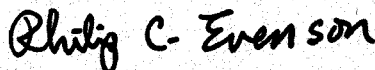
This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Washington County Courthouse, West Bend, Wisconsin, on the 21st day of June 2000, the Commission did by unanimous vote of all Commissioners present, being 20 ayes and 0 nays, and by appropriate 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 Waterford/Rochester 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 Waukesha, Wisconsin, this 22nd day of June 2000.



Thomas H. Buestrin, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:



Philip C. Evenson, Deputy Secretary

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RESOLUTION NO. 2000-06

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 (WATERFORD/ROCHESTER SANITARY SEWER SERVICE AREA)

WHEREAS, pursuant to Section 66.945(10) of the Wisconsin Statutes, the Southeastern Wisconsin Regional Planning Commission, at a meeting held on the 12th day of July 1979, duly adopted a regional water quality management plan as documented in the three-volume SEWRPC Planning Report No. 30, A Regional Water Quality Management Plan for Southeastern Wisconsin: 2000; and

WHEREAS, at a meeting held on the 24th day of April 1996, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the Waterford/Rochester sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 141 (2nd Edition), Sanitary Sewer Service Area for the Waterford/Rochester Area, Racine County, Wisconsin, April 1996; and

WHEREAS, by letter dated March 20, 2000, the Western Racine County Sewerage District requested that the Commission amend the Waterford/Rochester 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 Western Racine County Sewerage District to Amend the Waterford/Rochester 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 aforereferenced staff memorandum, was the subject of a public hearing held jointly by the Western Racine County Sewerage District and the Regional Planning Commission on June 1, 2000; and

WHEREAS, Section 66.945(9) of the Wisconsin Statutes authorizes and empowers the Regional Planning Commission, as the work of making the whole master plan progresses, to amend, extend, or add to the master plan or carry any part or subject thereof into greater detail;

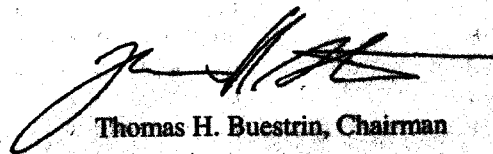
NOW, THEREFORE, BE IT HEREBY RESOLVED:

FIRST: That the regional water quality management plan for the Southeastern Wisconsin Region, being a part of the master plan for the physical development of the Region and comprised of SEWRPC Planning Report No. 30, Volumes One, Two, and Three, which was adopted by the Commission as a part of the master plan on the 12th day of July 1979, and which was amended on the 24th day of April 1996 to include the refined Waterford/Rochester sewer service area, as set forth in SEWRPC Community Assistance Planning Report No. 141 (2nd Edition), be and the same hereby is amended in the manner identified on Map 1 of the aforereferenced 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.

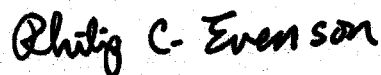
THIRD: That a true, correct, and exact copy of this resolution, together with the aforementioned SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 21st day of June 2000, the vote being: Ayes 20; Nays 0.



Thomas H. Buestrin, Chairman

ATTEST:



Philip C. Evenson, Deputy Secretary

SEWRPC STAFF MEMORANDUM

RESPONSE TO REQUEST BY THE WESTERN RACINE COUNTY SEWERAGE DISTRICT TO AMEND THE WATERFORD/ROCHESTER SANITARY SEWER SERVICE AREA

INTRODUCTION AND BACKGROUND

By letter dated March 20, 2000, the Western Racine County Sewerage District requested that the Southeastern Wisconsin Regional Planning Commission amend the Waterford/Rochester sanitary sewer service area tributary to the Western Racine County Sewerage District sewage treatment facility. That area is currently documented in SEWRPC Community Assistance Planning Report No. 141 (2nd Edition), Sanitary Sewer Service Area for the Waterford/Rochester Area, Racine County, Wisconsin, dated April 1996. The basic purpose of this amendment would be to include within the planned Waterford/Rochester sewer service area certain lands located immediately adjacent to, but outside of, the currently adopted sewer service area.

AREA DESCRIPTION

The area proposed to be added to the Waterford/Rochester sewer service area encompasses 38 acres of land located in U.S. Public Land Survey Section 25, Township 4 North, Range 19 East, in the Town of Waterford, and is shown with a red hatch pattern on Map 1. The subject area is currently in agricultural use and includes 3.5 acres of environmentally significant isolated natural resource area lands. The 38-acre subject area, aside from the environmentally significant lands, is envisioned to be developed for office use to serve as the new headquarters for Runzheimer International, a management consulting firm. The proposed site would enable Runzheimer International to remain in western Racine County, where many of its existing employees live, and at the same time would increase its accessibility to the labor force of the Milwaukee metropolitan area.

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

The proposed addition of 38 acres to the Waterford/Rochester sanitary sewer service area represents a minor increase in the planned sewer service area of less than one percent, with no increase in the resident population of the sewer service area. Thus, the areal extent and planned population of the Waterford/Rochester sewer service area would remain essentially unchanged.

WATER QUALITY IMPACTS

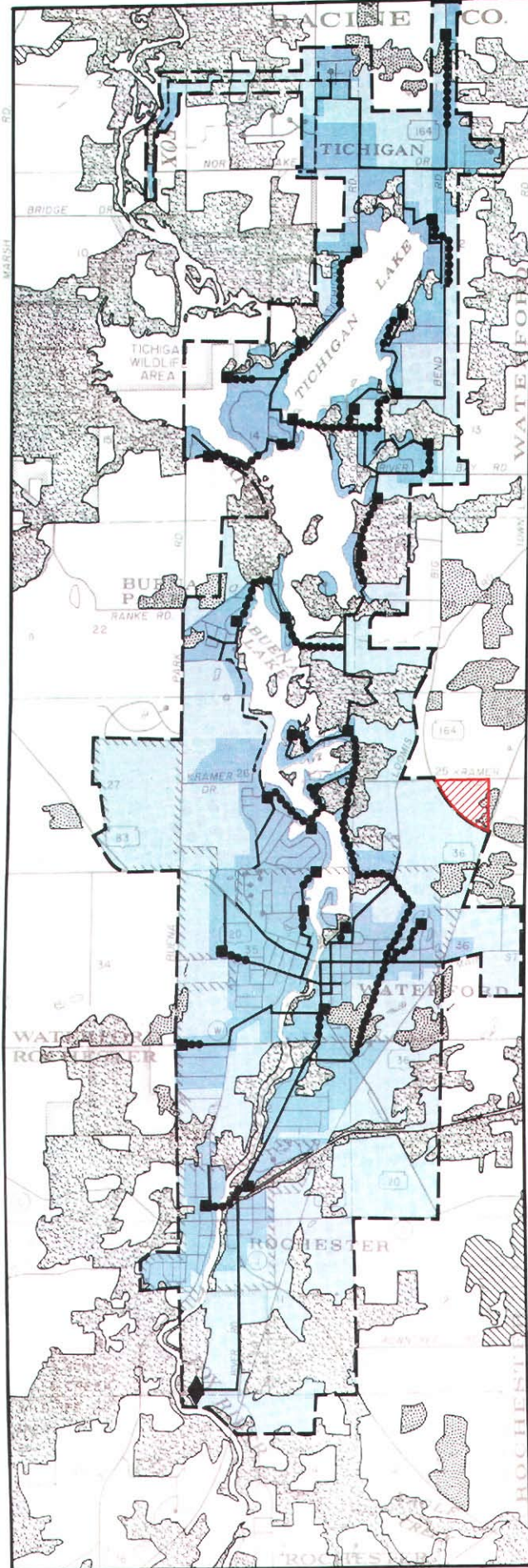
Under the adopted regional water quality management plan and the refined sanitary sewer service area plan herein set forth, it is envisioned that all urban lands within the planned urban service area would receive sanitary sewer service. Assuming that any applicable Federal, State, and local permits 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

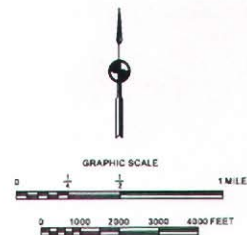
The proposed addition to the Waterford/Rochester sanitary sewer service area lies immediately adjacent to the currently approved sewer service area. The nearest other public sanitary sewer systems, the Town of Norway Sanitary District No. 1 system and the City of Burlington system, are located approximately 2 miles and 6 miles, respectively, from the subject area. Consequently, no further analysis is deemed necessary to conclude that the subject area would be served most cost-effectively through connection to the Western Racine County Sewerage District sewerage system.

Map 1

RECOMMENDED REVISION TO THE WATERFORD/ROCHESTER SANITARY SEWER SERVICE AREA



-  PRIMARY ENVIRONMENTAL CORRIDOR
-  SECONDARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA
-  EXISTING AREA SERVED BY PUBLIC SANITARY SEWERS
-  PLANNED SANITARY SEWER SERVICE AREA
-  AREA PROPOSED TO BE ADDED TO THE WATERFORD/ROCHESTER SANITARY SEWER SERVICE AREA
-  PLANNED SANITARY SEWER SERVICE AREA BOUNDARY
-  EXISTING PUBLIC SEWAGE TREATMENT FACILITY
-  EXISTING PUMPING STATION
-  EXISTING FORCE MAIN
-  EXISTING TRUNK SEWER



SEWAGE TREATMENT PLANT CAPACITY IMPACT ANALYSIS

The current hydraulic design capacity of the Western Racine County Sewerage District sewage treatment plant is 1.0 million gallons per day (mgd) on an average annual flow basis and 1.3 mgd on a sustained wet weather flow basis. The current hydraulic loading to the plant is estimated at 0.8 mgd on an average annual flow basis. The sewage flow anticipated to be generated by the subject area proposed to be added to the Waterford/Rochester sewer service area is about 0.06 mgd on an average annual flow basis. Thus, ample sewage treatment plant capacity is currently available to serve the subject area.

Under the currently approved Waterford/Rochester sanitary sewer service area plan, aside from the aforementioned subject area proposed to be added, sewage flows are expected to increase to about 1.15 mgd on an average annual basis. Thus, it will be necessary to initiate facility planning for sewage treatment plant expansion and modification in the near future.

PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on June 1, 2000, at the Waterford Village Hall to receive public comment on, and reaction to, the proposed plan amendment. The hearing was sponsored by the Western Racine County Sewerage District and the Regional Planning Commission. A summary of the plan amendment was presented prior to receiving public comment, including a description of the lands proposed to be added to the sewer service area and any environmentally significant lands within, along with a description of potential impacts for the District's sewerage system.

Review of the public hearing record indicates that the public comments made at the hearing centered on two issues—the impact of new development on the sewage treatment plant capacity and the allocation of sewerage system costs—as described below.

1. The Chairman of the Town of Waterford inquired about the impacts of the development proposed in the area to be added to the sewer service area on the sewage treatment plant capacity. Officials from the District responded that the plant was operating at capacity in terms of biochemical oxygen demand (BOD), but that the District could “free up” capacity by reducing the septage it now receives from onsite sewage disposal systems. It was explained that attendant revenue loss from the reduction in septage disposal would likely result in increased sewer rates in the District.
2. The Chairman of the Town of Waterford and the President of the Town of Waterford Sanitary District No. 1 noted that allocation of capital costs for sewage treatment plant construction may not have been apportioned equitably among the four communities in the District, since the service area has been expanded more in some communities than in others over the past 12 years. They suggested the issue be evaluated and resolved before any plans are made to expand the treatment plant within the next 5 years or so. The Village of Waterford Administrator noted that an annexation fee is charged when land is annexed to the Western Racine County Sewerage District, which serves to offset potential inequities. District officials indicated that the cost allocation system could be revisited at the time the treatment plant is expanded.

Referring specifically to the proposed addition to the sewer service area, the Chairman of the Town of Waterford characterized the development proposed to be located in the expanded sewer service area as a good project and indicated that the Town has no objections to it.

LOCAL GOVERNMENT SUPPORT FOR THE PLAN AMENDMENT

The Western Racine County Sewerage District adopted the plan amendment on June 13, 2000.

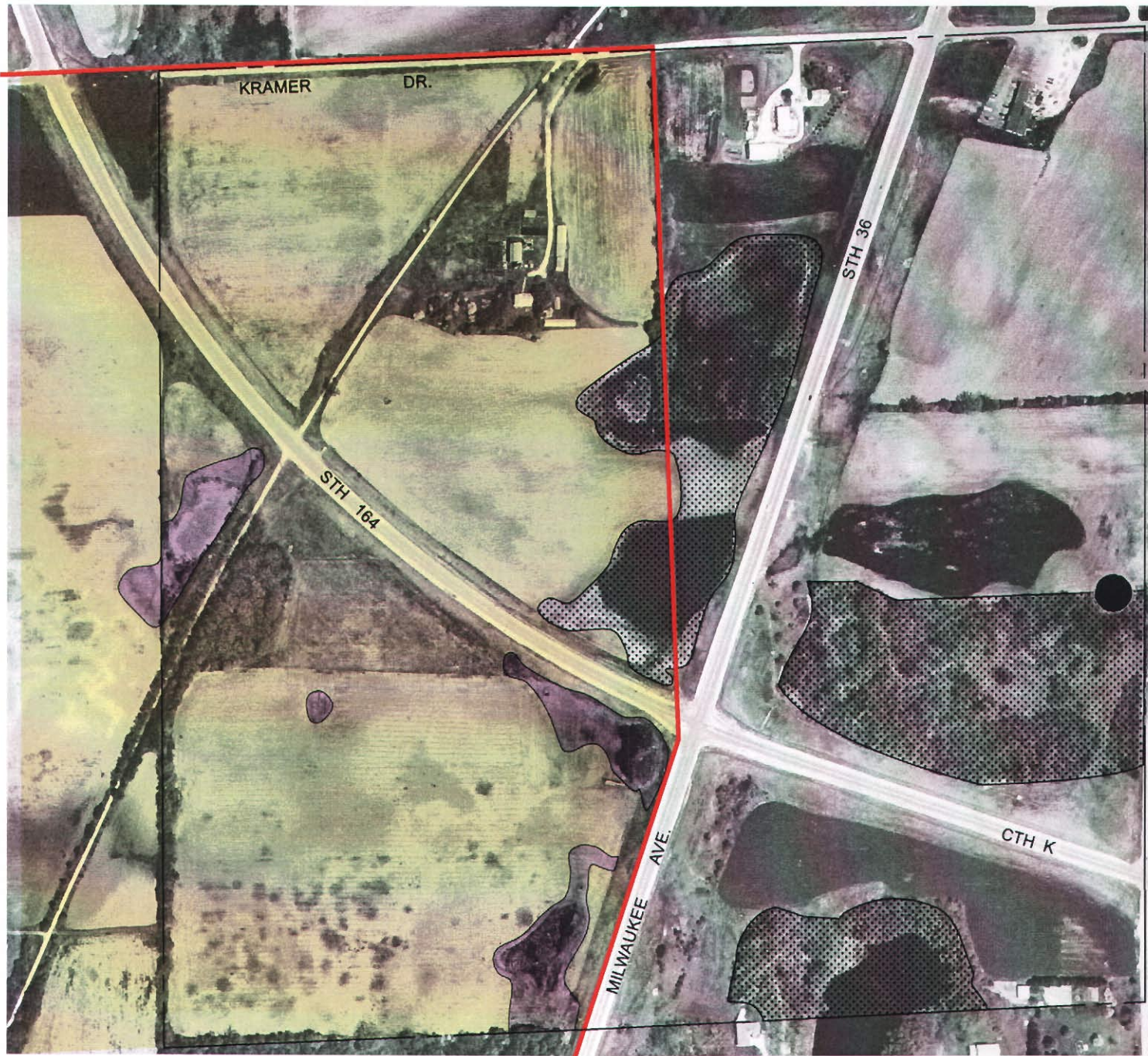
CONCLUDING RECOMMENDATION





Based upon the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the sanitary sewer service area for the Waterford/Rochester area as documented in SEWRPC Community Assistance Planning Report No. 141 (2nd Edition) in the manner identified on Map 1. A more detailed delineation of the revised sewer service area and of the environmentally significant lands within is shown on an aerial photograph reproduced as Map 2.

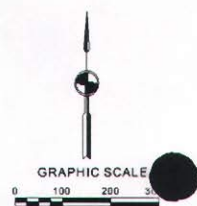
Map 2

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED
SANITARY SEWER SERVICE AREA FOR THE WATERFORD/ROCHESTER AREA

Southeast Quarter of U. S. Public Land Survey Section 25
Township 4 North, Range 19 East



-  ISOLATED NATURAL RESOURCE AREA
-  WETLANDS LESS THAN FIVE ACRES IN SIZE
-  PLANNED SANITARY SEWER SERVICE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY



Source: SEWRPC.