

AMENDMENT TO THE

**REGIONAL WATER QUALITY
MANAGEMENT PLAN**

VILLAGE OF PADDOCK LAKE

AS ADOPTED BY THE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

MARCH 2008

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SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

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

TO: The Legislative Bodies of Concerned Local Units of Government within the Southeastern Wisconsin Region, namely: the County of Kenosha, the Town of Salem, and the Village of Paddock Lake

This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Sharon Fire Department, Sharon, Wisconsin, on the 5th day of March 2008, the Commission did by unanimous vote of all Commissioners present, being 15 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 Paddock Lake sanitary sewer service area and consists of the documents attached hereto and made a part hereof. Such action taken by the Commission is recorded on, and is a part of, said plan, and the plan as amended is hereby transmitted to the constituent local units of government for consideration, adoption, and implementation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and cause the Seal of the Southeastern Wisconsin Regional Planning Commission to be hereto affixed. Dated at the City of Pewaukee, Wisconsin, this 6th day of March 2008.

Thomas H. Buestrin, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:

Philip C. Evenson, Deputy Secretary

RESOLUTION NO. 2008-02

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 (PADDOCK LAKE 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 1st day of December 1986, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the Paddock Lake sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 145, *Sanitary Sewer Service Area for the Town of Salem Utility District No. 1, Village of Paddock Lake, and Town of Bristol Utility District Nos. 1 and 1B*, dated October 1986, and amended from time to time thereafter; and

WHEREAS, by letter dated January 21, 2008, the Village of Paddock Lake requested that the Commission amend the Paddock Lake 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 Village of Paddock Lake to Amend the Paddock Lake Sanitary Sewer Service Area," attached hereto and made a part hereof; and

WHEREAS, the requested change to the regional water quality management plan, as documented in the aforementioned staff memorandum, was the subject of a public hearing held jointly by the Village of Paddock Lake and the Regional Planning Commission on February 20, 2008; 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;

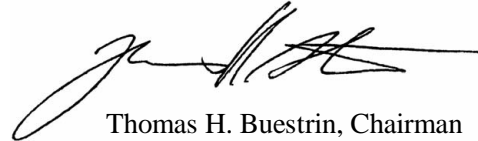
NOW, THEREFORE, BE IT HEREBY RESOLVED:

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 subsequently amended to include the refined Paddock Lake sanitary sewer service area, is hereby amended in the manner identified on Map 1 of the aforementioned SEWRPC staff memorandum.

SECOND: That the Executive Director is authorized to submit findings to the Wisconsin Department of Natural Resources and the Wisconsin Department of Commerce that public and private sanitary sewer extensions necessary to serve the anticipated development on the lands concerned are in conformance with, and would serve to implement, the adopted regional water quality management plan as herein amended.

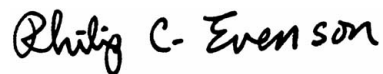
THIRD: That a true, correct, and exact copy of this resolution, together with the aforementioned SEWRPC staff memorandum, shall be distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 5th day of March 2008, the vote being: Ayes 15; Nays 0.



Thomas H. Buestrin, Chairman

ATTEST:



Philip C. Evenson, Deputy Secretary

SEWRPC STAFF MEMORANDUM

RESPONSE TO REQUEST BY THE VILLAGE OF PADDOCK LAKE TO AMEND THE PADDOCK LAKE SANITARY SEWER SERVICE AREA

INTRODUCTION AND BACKGROUND

By letter dated January 21, 2008, the Village of Paddock Lake requested that the Southeastern Wisconsin Regional Planning Commission amend the Paddock Lake sanitary sewer service area as that area is currently documented in SEWRPC Community Assistance Planning Report No. 145, *Sanitary Sewer Service Areas for the Town of Salem Utility District No. 1, Village of Paddock Lake, and Town of Bristol Utility District Nos. 1 and 1B, Kenosha County, Wisconsin*, dated October 1986, as amended. The basic purpose of the amendment would be to include within the planned sewer service area certain lands located immediately adjacent to, but outside, the Paddock Lake sewer service area.

AREA DESCRIPTION

The area proposed to be added to the Paddock Lake sanitary sewer service area encompasses 157 acres located south of STH 50 in U.S. Public Land survey Sections 11 and 12, Township 1 North, Range 20 East, in the Village of Paddock Lake (see Map 1). The subject area is comprised of 14 acres of existing urban development, mostly including street right-of-way; 88 acres of agricultural land; and 55 acres of environmentally significant land. The environmentally significant lands include 42 acres of primary environmental corridor and 13 acres of secondary environmental corridor. The agricultural portion of the site is anticipated to be developed for residential and commercial uses, and would accommodate a future population of about 575 persons.

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

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

The proposed addition of 157 acres to the Paddock Lake sanitary sewer service area represents an areal increase of about 10 percent. Including the incremental population of about 575 persons expected to be accommodated on the subject area, the buildout population of the Paddock Lake sewer service area—that is, the population level which could be expected if the sewer service area were fully developed in accordance with the Village land use plan—would approximate 6,300 persons. This lies within the year 2035 population projection of 5,000 to 7,900 persons for the Paddock Lake sewer service area embodied in the regional land use plan.

WATER QUALITY IMPACTS

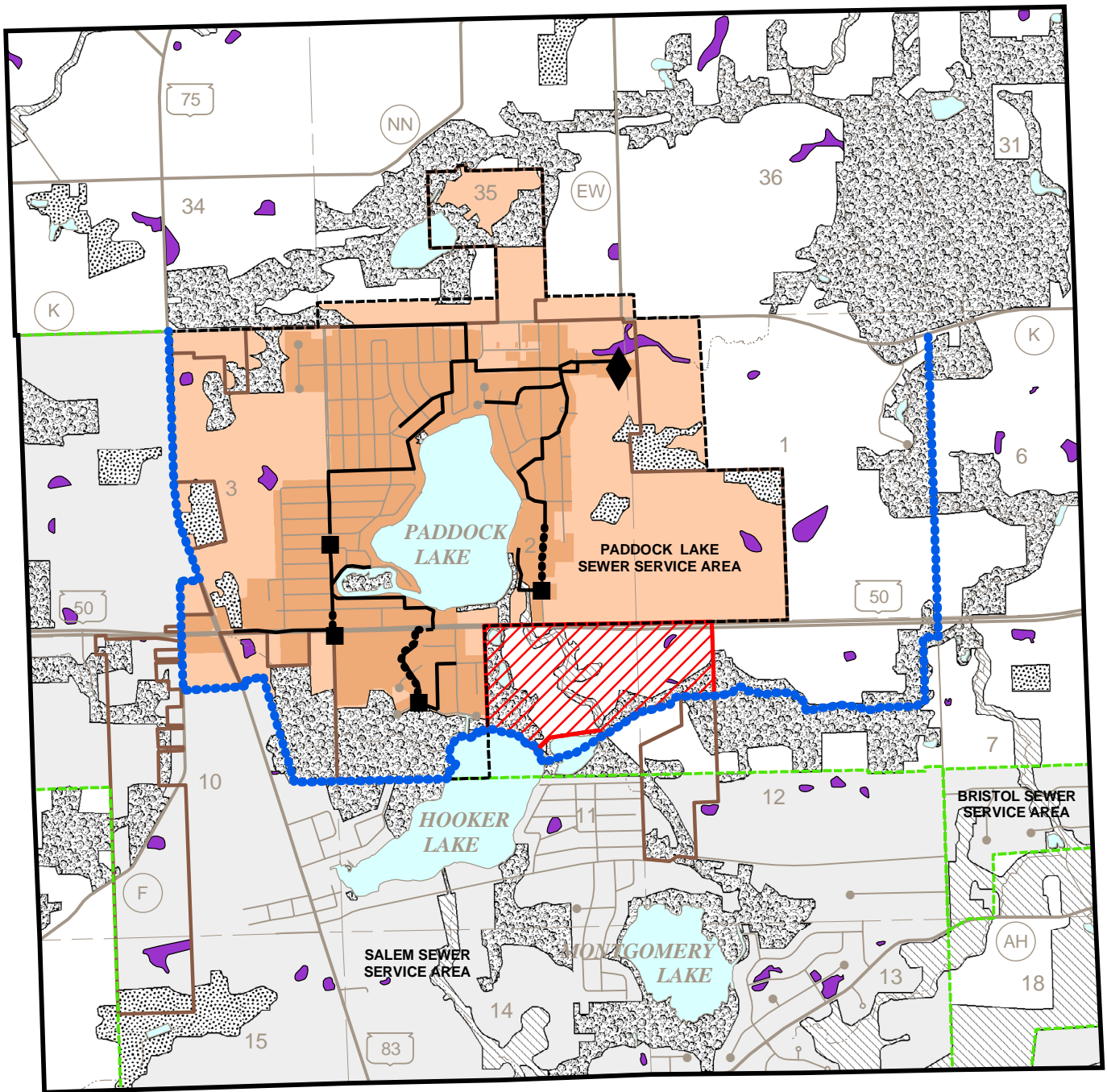
Under the adopted regional water quality management plan and the revised Paddock Lake sanitary sewer service area plan presented herein, it is envisioned that all urban lands within the planned urban service area would receive sanitary sewer service. Assuming that all applicable Federal, State, and local permits are obtained and that proper site development and construction practices are employed, there should be no significant adverse water quality impacts attributable to the development of the planned sanitary sewer service area.

SEWAGE TREATMENT PLANT CAPACITY IMPACT ANALYSIS

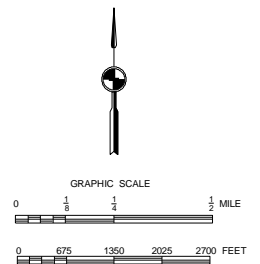
Sewage from the Paddock Lake sewer service area is treated at the Village of Paddock Lake sewage treatment facility. The Paddock Lake sewage treatment plant has a hydraulic design capacity of about 0.49 million gallons per day (mgd) on an average annual basis. The current hydraulic loading to the plant is about 0.46 mgd on an average annual basis. The sewage flows anticipated to be generated in the area proposed to be added to the Paddock Lake sewer service area may be expected to be about 0.1 mgd on an average annual basis. The addition of that flow would increase the hydraulic loading to

Map 1

PROPOSED AMENDMENT TO THE PADDOCK LAKE SANITARY SEWER SERVICE AREA



- | | | | |
|--|--|--|---|
| | PRIMARY ENVIRONMENTAL CORRIDOR | | AREA PROPOSED TO BE ADDED TO THE PADDOCK LAKE SANITARY SEWER SERVICE AREA |
| | SECONDARY ENVIRONMENTAL CORRIDOR | | RECOMMENDED COMMON BOUNDARY BETWEEN THE ULTIMATE TOWN OF SALEM AND VILLAGE OF PADDOCK LAKE SANITARY SEWER SERVICE AREAS |
| | ISOLATED NATURAL RESOURCE AREA | | EXISTING TRUNK SEWER |
| | WETLANDS AND SURFACE WATER AREAS LESS THAN FIVE ACRES IN SIZE | | EXISTING FORCE MAIN |
| | AREA SERVED BY SEWERS TRIBUTARY TO THE VILLAGE OF PADDOCK LAKE SEWAGE TREATMENT FACILITY | | EXISTING PUMPING STATION |
| | VILLAGE OF PADDOCK LAKE PLANNED SANITARY SEWER SERVICE AREA | | EXISTING PUBLIC SEWAGE TREATMENT FACILITY |
| | PLANNED SANITARY SEWER SERVICE AREA BOUNDARY | | |
| | OTHER PLANNED SANITARY SEWER SERVICE AREAS | | |



Source: SEWRPC.

the plant to 0.56 mgd, exceeding the existing plant capacity. In addition, future sewage flows from undeveloped portions of the currently approved Paddock Lake sewer service area are estimated at roughly 0.4 mgd on an average annual basis. **Accordingly, an increase in the sewage treatment plant capacity will be needed if development continues to occur in the Paddock Lake sewer service area. The Village intends to complete facilities planning in 2008 for a sewage treatment plant upgrade and expansion within the next two to three years. Until the plant capacity is expanded, the Village should carefully monitor its sewage treatment plant operations and limit additional development to a level that will not produce loadings that exceed the current plant capacity.**

PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on February 20, 2008, at the Paddock Lake Village Hall to receive public comment on, and reaction to, the proposed plan amendment. The hearing was sponsored by the Village of Paddock Lake and the Regional Planning Commission.

No substantive concerns were raised at the hearing, and accordingly, no changes were made to the proposed plan amendment as presented at the public hearing.

LOCAL GOVERNMENT SUPPORT FOR THE PLAN AMENDMENT

The Board of Trustees of the Village of Paddock Lake adopted the plan amendment on February 20, 2008.

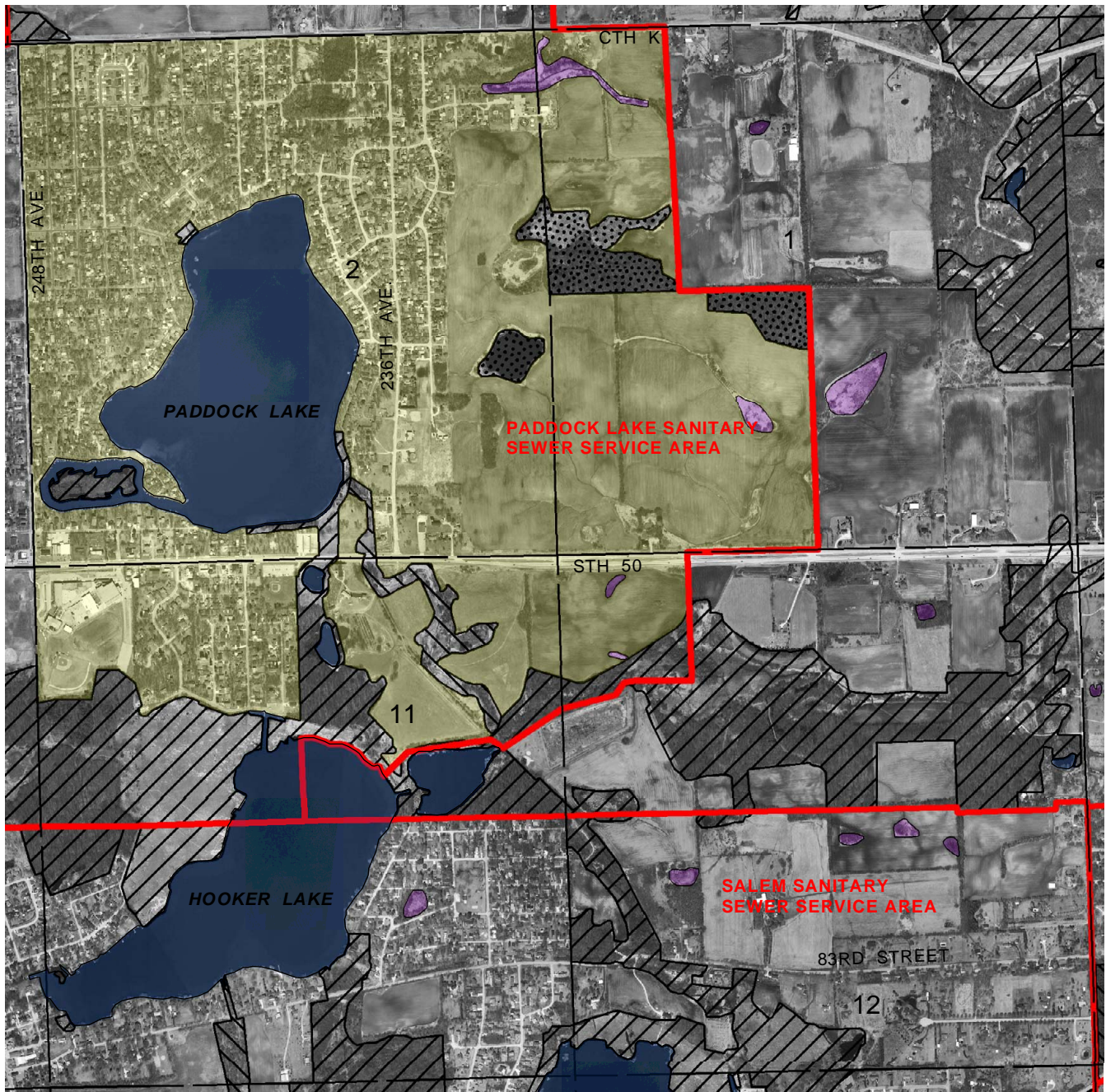
CONCLUDING RECOMMENDATION

It is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the sanitary sewer service area for the Paddock Lake area as documented in this memorandum.








Map 2

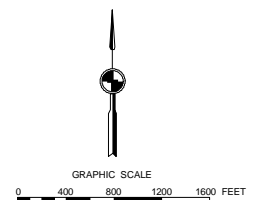
ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR VILLAGE OF PADDOCK LAKE

U.S. Public Land Survey Sections 1, 2, 11, and 12
Township 1 North, Range 20 East



Photography Date: April 2005

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



Source: SEWRPC.