

AMENDMENT TO THE

**REGIONAL WATER QUALITY
MANAGEMENT PLAN**

VILLAGE OF TWIN LAKES

AS ADOPTED BY THE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

JUNE 2007

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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 (Twin Lakes 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 Village of Twin Lakes, and the Town of Randall

This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Washington County Government Center, West Bend, Wisconsin, on the 20th day of June 2007, 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 Twin Lakes 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 21st day of June 2007.

Thomas H. Buestrin, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:

Philip C. Evenson, Deputy Secretary

RESOLUTION NO. 2007-08

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 (TWIN LAKES 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 15th day of June 1987, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the Twin Lakes sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 149, *Sanitary Sewer Service Area for the Village of Twin Lakes, Kenosha County, Wisconsin*, dated May 1987, as amended; and

WHEREAS, by letter dated March 21, 2007, the Village of Twin Lakes requested that the Commission amend the Twin Lakes 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 Twin Lakes to Amend the Twin Lakes 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 Twin Lakes and the Regional Planning Commission on May 7, 2007; 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 15th day of June 1987 to include the refined Twin Lakes sewer service area, as set forth in SEWRPC Community Assistance Planning Report No. 149, be and the same hereby is amended in the manner identified on Map 1 of the aforementioned SEWRPC staff memorandum.

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

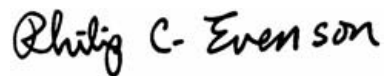
THIRD: That a true, correct, and exact copy of this resolution, together with the aforementioned SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals as the law may require or as the Commission, its Executive Committee, or its Executive Director, at their discretion, shall determine and direct.

The foregoing resolution, upon motion duly made and seconded, was regularly adopted at the meeting of the Southeastern Wisconsin Regional Planning Commission held on the 20th day of June 2007, the vote being: Ayes 15; Nays 0.

A handwritten signature in black ink, appearing to read 'Thomas H. Buestrin', with a long horizontal flourish extending to the right.

Thomas H. Buestrin, Chairman

ATTEST:

A handwritten signature in black ink, appearing to read 'Philip C. Evenson', written in a cursive style.

Philip C. Evenson, Deputy Secretary

SEWRPC STAFF MEMORANDUM

RESPONSE TO REQUEST BY THE VILLAGE OF TWIN LAKES TO AMEND THE TWIN LAKES SANITARY SEWER SERVICE AREA

INTRODUCTION AND BACKGROUND

By letter dated March 21, 2007, the Village of Twin Lakes requested that the Southeastern Wisconsin Regional Planning Commission amend the sanitary sewer service area tributary to the Village of Twin Lakes sewage treatment facility. That area is currently documented in SEWRPC Community Assistance Planning Report No. 149, *Sanitary Sewer Service Area for the Village of Twin Lakes, Kenosha County, Wisconsin*, dated May 1987, as amended. The basic purpose of this amendment would be to include within the planned Twin Lakes sanitary sewer service area certain lands located immediately adjacent to, but outside, the currently adopted sewer service area to accommodate residential use.

AREA DESCRIPTION

The areas proposed to be added to the Twin Lakes sanitary sewer service area are shown with a red hatch pattern on Map 1. The smaller area shown on Map 1 encompasses 4 acres, does not contain any environmentally significant lands, and is anticipated to accommodate 3 housing units.

The larger area shown on Map 1 encompasses 160 acres, contains no environmentally significant lands, is currently in agricultural use, and contains one existing housing unit. The area is anticipated to be developed for single-family residential use to accommodate about 210 housing units.

In combination, the areas proposed to be added to the Twin Lakes sewer service area encompass 164 acres with no environmentally significant lands present. The areas are anticipated to accommodate a total of 213 housing units with a population of about 500 persons.

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

With the proposed addition, the total area of the Twin Lakes sewer service area would increase by about 3 percent. The buildout population of the expanded sewer service area—that is, the estimated population which could be accommodated upon full development of the sewer service area—would remain within the year 2035 population projection range for this area embodied in the regional land use plan.

WATER QUALITY IMPACTS

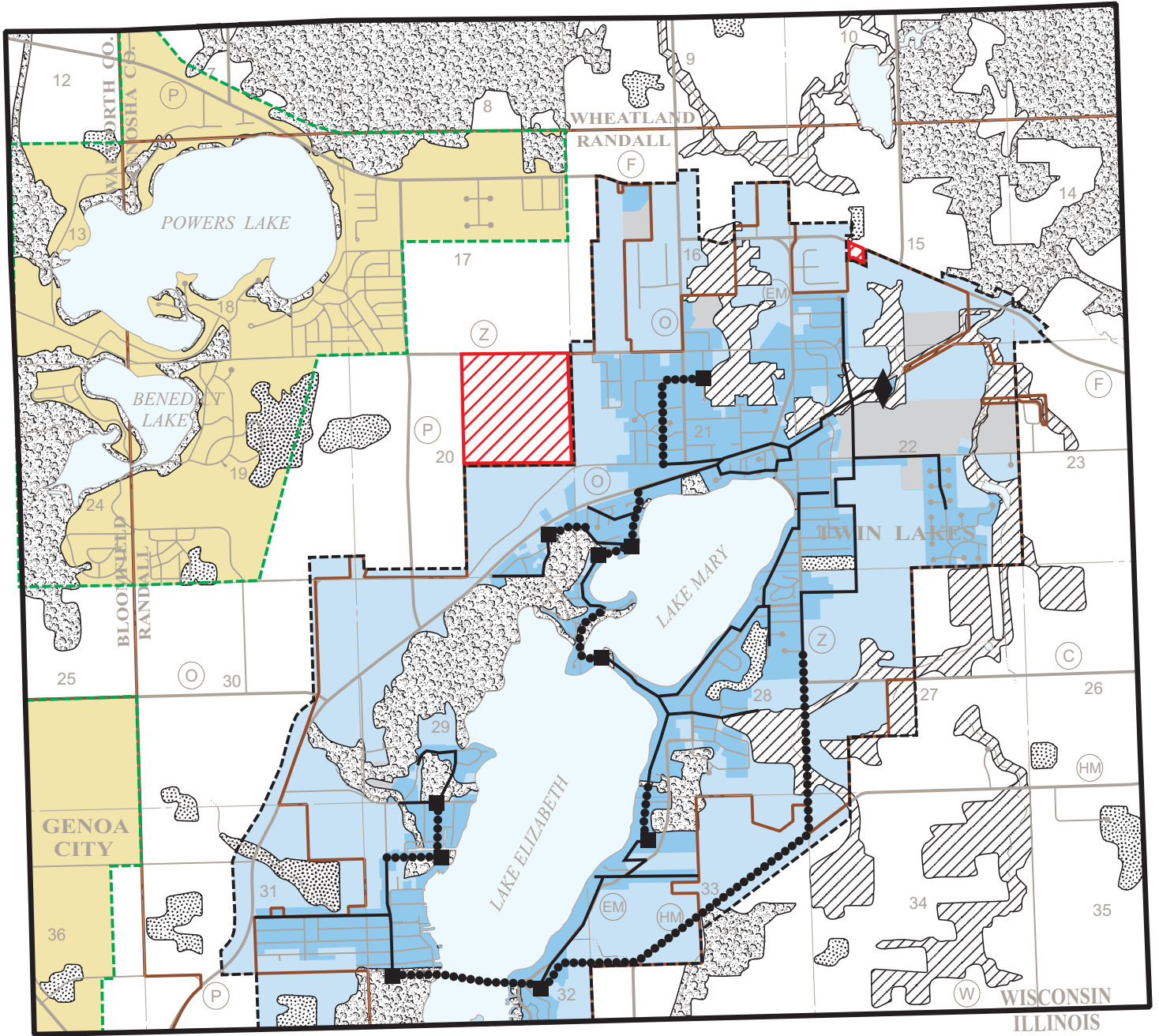
Under the adopted regional water quality management plan and the Twin Lakes sanitary sewer service area plan presented herein, it is envisioned that all new urban development within the planned urban service area would receive sanitary sewer service. Assuming that any applicable Federal, State, and local 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 areas proposed to be added to the planned sanitary sewer service area.

SEWAGE TREATMENT PLANT CAPACITY IMPACT ANALYSIS

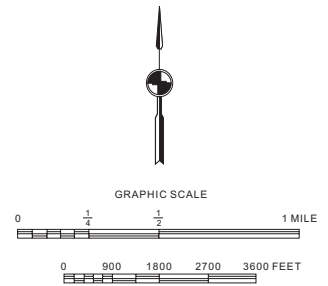
The existing Village of Twin Lakes sewage treatment facility was upgraded in 2000 and has a hydraulic design capacity of 1.30 million gallons per day (mgd) on an average annual flow basis. The current flow rate is 0.70 mgd on an average annual basis. The anticipated sewage flow to be generated in the area proposed to be added to the Twin Lakes sewer service area is expected to be about 0.06 mgd on an average annual basis. Thus, the treatment plant has adequate capacity to treat sewage flows from the subject area.

Map 1

PROPOSED AMENDMENT TO THE TWIN LAKES SANITARY SEWER SERVICE AREA



-  PRIMARY ENVIRONMENTAL CORRIDOR
-  SECONDARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA
-  EXISTING AREA SERVED BY TWIN LAKES SANITARY SEWER SYSTEM: 2000
-  TWIN LAKES PLANNED SANITARY SEWER SERVICE AREA
-  AIRPORTS, LARGE PARK AND RECREATION SITES, AND SIMILAR USES WITHIN THE SEWER SERVICE AREA
-  TWIN LAKES PLANNED SANITARY SEWER SERVICE AREA BOUNDARY
-  EXISTING TRUNK SEWER
-  EXISTING FORCE MAIN
-  EXISTING PUMPING STATION
-  EXISTING PUBLIC SEWAGE TREATMENT FACILITY
-  LANDS PROPOSED TO BE ADDED TO THE TWIN LAKES SANITARY SEWER SERVICE AREA
-  OTHER PLANNED SANITARY SEWER SERVICE AREAS



Source: SEWRPC.

PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on May 7, 2007 at the Twin Lakes Village Hall to receive public comment on, and reaction to, the proposed plan amendment. The hearing was sponsored by the Village of Twin Lakes 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 land located within.

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

LOCAL GOVERNMENT SUPPORT FOR THE PLAN AMENDMENT

The Twin Lakes Village Board of Trustees adopted the plan amendment on May 7, 2007.

CONCLUDING RECOMMENDATION





Based on the foregoing, it is recommended that the Southeastern Wisconsin Regional Planning Commission formally amend the sanitary sewer service area for the Village of Twin Lakes as documented in SEWRPC Community Assistance Planning Report No. 149, as amended, in the manner shown on Map 1. A detailed delineation of the amended sewer service area and of the environmentally significant lands within is shown on the aerial photographs reproduced as Maps 2 and 3 on the following pages of this report.

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE VILLAGE OF TWIN LAKES

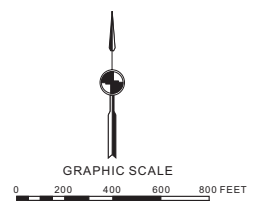
U. S. Public Land Survey Section 20
Township 1 North, Range 19 East



Photography Date: April 2005

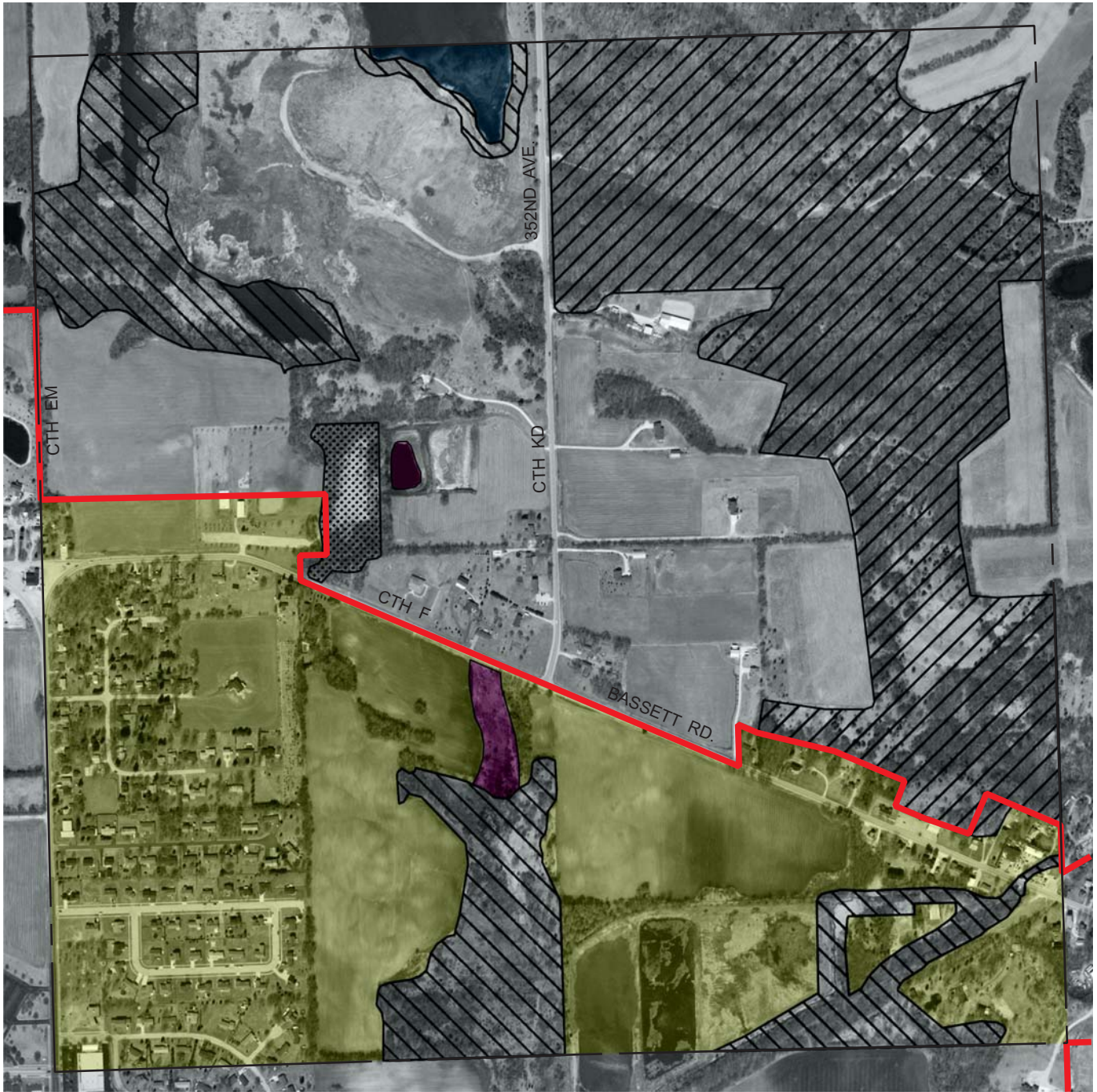
-  PRIMARY ENVIRONMENTAL CORRIDOR
-  ISOLATED NATURAL RESOURCE AREA
-  GROSS SANITARY SEWER SERVICE AREA BOUNDARY
-  PLANNED SANITARY SEWER SERVICE AREA

Source: SEWRPC.









ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE VILLAGE OF TWIN LAKES

**U. S. Public Land Survey Section 15
Township 1 North, Range 19 East**



Photography Date: April 2005

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

Source: SEWRPC.

