

AMENDMENT TO THE

**REGIONAL WATER QUALITY
MANAGEMENT PLAN**

**PELL LAKE
SANITARY DISTRICT NO. 1**

AS ADOPTED BY THE

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

SEPTEMBER 2003

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

TO: The Legislative Bodies of Concerned Local Units of Government within the Southeastern Wisconsin Region, namely: the County of Walworth, the Town of Bloomfield, and the Pell Lake Sanitary District No. 1.

This is to certify that at the meeting of the Southeastern Wisconsin Regional Planning Commission, held at the Ozaukee County Administration Building, Port Washington, Wisconsin, on the 10th day of September 2003, the Commission did by unanimous vote of all Commissioners present, being 12 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 Pell Lake Sanitary District No. 1 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 11th day of September 2003.

Thomas H. Buestrin, Chairman
Southeastern Wisconsin
Regional Planning Commission

ATTEST:

Philip C. Evenson, Deputy Secretary

RESOLUTION NO. 2003-14

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 (PELL 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 19th day of June 1996, the Commission duly adopted an amendment to the regional water quality management plan refining and detailing the Pell Lake sanitary sewer service area as documented in SEWRPC Community Assistance Planning Report No. 225, *Sanitary Sewer Service Area for the Pell Lake Sanitary District No. 1, Walworth County, Wisconsin*, June 1996, and

WHEREAS, by letter dated July 14, 2003, the Pell Lake Sanitary District No. 1 requested that the Commission amend the Pell Lake sanitary sewer service to add 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 Pell Lake Sanitary District No. 1 to Amend the Pell 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 aforereferenced staff memorandum, was the subject of a public hearing held jointly by the Pell Lake Sanitary District No. 1 and the Regional Planning Commission on September 3, 2003; 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;

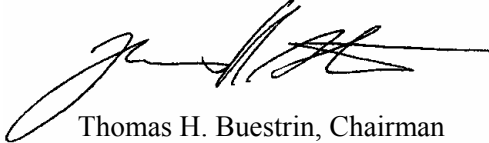
NOW, THEREFORE, BE IT HEREBY RESOLVED:

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 19th day of June 1996 to include the refined Pell Lake sewer service area, as set forth in SEWRPC Community Assistance Planning Report No. 225, 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.

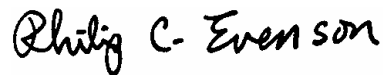
THIRD: That a true, correct, and exact copy of this resolution, together with the aforementioned SEWRPC staff memorandum, shall be forthwith distributed to each of the local legislative bodies of the local governmental units within the Region entitled thereto and to such other bodies, agencies, or individuals 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 10th day of September 2003, the vote being: Ayes 12; Nays 0.



Thomas H. Buestrin, Chairman

ATTEST:



Philip C. Evenson, Deputy Secretary

SEWRPC STAFF MEMORANDUM

RESPONSE TO REQUEST BY THE PELL LAKE SANITARY DISTRICT NO. 1 TO AMEND THE PELL LAKE SANITARY SEWER SERVICE AREA

INTRODUCTION AND BACKGROUND

By letter dated July 14, 2003, the Pell Lake Sanitary District No. 1 requested that the Southeastern Wisconsin Regional Planning Commission amend the sanitary sewer service area tributary to the Pell Lake Sanitary District No. 1 sewage treatment facility. That area is currently documented in SEWRPC Community Assistance Planning Report No. 225, *Sanitary Sewer Service Area for the Pell Lake Sanitary District No. 1*, dated June 1996. The basic purpose of this amendment would be to include within the planned Pell Lake sanitary sewer service area certain lands located immediately adjacent to, but outside, the currently adopted sewer service area.

AREA DESCRIPTION

The area proposed to be added to the Pell Lake sanitary sewer service area is shown on Map 1. This area encompasses a total of 120 acres located in the northwest quarter of U.S. Public Land Section 21, Township 1 North, Range 18 East, in the Town of Bloomfield. The subject area is comprised of 17 acres of existing urban development including street right-of-way, 90 acres of agricultural land, and 13 acres of environmentally significant land. The environmentally significant lands are comprised of 9 acres of existing secondary environmental corridor and 4 acres of farmed floodplain that are envisioned to eventually revert to a natural condition and become part of the adjacent secondary environmental corridor when agricultural operations cease. The farmed floodplain is included in the designated secondary environmental corridor in the subject area on Map 1.

The Town of Bloomfield land use plan designates the developable land in this area for low-density residential use, with a density range of 19,000 to 62,000 square feet per dwelling unit. Given this density range, the proposed addition to the sewer service area would accommodate an estimated 100 to 300 persons.

The proposed addition to the sewer service area and the environmentally significant lands within are shown in detail on Map 1. The boundaries of the environmentally significant lands shown on Map 1 have been updated to reflect existing (2000) conditions.

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

With the proposed addition, the total area of the Pell Lake sewer service area would increase by 120 acres, or about 9 percent. The increase of 100 to 300 persons attendant to the proposed addition is consistent with the 20-year population projections for this area set forth in the Town of Bloomfield land use plan, which was prepared as a refinement of the year 2020 regional land use plan.

WATER QUALITY IMPACTS

Under the adopted regional water quality management plan and the amended Pell Lake 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 planned sanitary sewer service area.






Map 1

ENVIRONMENTALLY SIGNIFICANT LANDS AND PLANNED SANITARY SEWER SERVICE AREA FOR THE PELL LAKE AREA

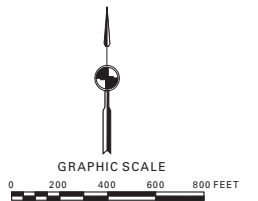
U. S. Public Land Survey Section 21
Township 1 North, Range 18 East



Photography Date: April 2000

-  SECONDARY ENVIRONMENTAL CORRIDOR
-  SURFACE WATER WITHIN ENVIRONMENTAL CORRIDORS AND ISOLATED NATURAL RESOURCE AREAS
-  PLANNED SANITARY SEWER SERVICE AREA
-  EXISTING GROSS SANITARY SEWER SERVICE AREA BOUNDARY
-  PROPOSED ADDITION TO THE PELL LAKE SEWER SERVICE AREA

NOTE: This map replaces the corresponding portion of Map 7-3, page 22, of SEWRPC Community Assistance Planning Report No. 225, Sanitary Sewer Service Area for the Pell Lake Sanitary District No. 1, Walworth County, Wisconsin, June 1996.



Source: SEWRPC.

COST EFFECTIVENESS ANALYSIS

The proposed addition to the Pell Lake sanitary sewer service area is situated immediately adjacent to the currently approved sewer service area tributary to the Pell Lake Sanitary District No. 1 sewage treatment plant. The nearest other public sanitary sewer systems, those operated by the Village of Genoa City and the City of Lake Geneva, are both located approximately 3 miles from the subject area. No further analysis is necessary to conclude that the subject area would be most cost effectively served through connection to the Pell Lake sewerage system.

SEWAGE TREATMENT PLANT CAPACITY ANALYSIS

The Pell Lake Sanitary District No. 1 sewage treatment plant has a capacity to treat 0.43 million gallons per day (mgd) of wastewater on an average annual basis. The current loading to the plant is 0.2 mgd on an average annual basis. The anticipated sewage flow to be generated in the area proposed to be added to the sewer service area is estimated to be about 0.025 mgd on an average annual basis. Thus, the treatment plant has adequate capacity to treat sewage flows from the subject area.

PUBLIC REACTION TO THE PLAN AMENDMENT

A public hearing was held on September 3, 2003 at the Pell Lake Sanitary District No. 1 wastewater treatment plant to receive public comment on, and reaction to, the proposed plan amendment. The hearing was sponsored by the Pell Lake Sanitary District No. 1 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 located within, along with a description of potential impacts for the Sanitary District's sewerage system.

A review of the hearing records indicates that 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 Board of Commissioners of the Pell Lake Sanitary District No. 1 adopted the plan amendment on September 3, 2003.

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 Pell Lake Sanitary District No. 1 as documented in SEWRPC Community Assistance Planning Report No. 225. A detailed delineation of the amended sewer service area and of the environmentally significant lands within is shown on the aerial photograph reproduced as Map 1 on the preceding page of this report.