

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

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September 10, 2015

Ms. Lisa Helmuth
Water Resources Management Specialist
Wisconsin Department of Natural Resources
101 S. Webster Street – GEF2
P.O. Box 7921
Madison, WI 53707-7921

Dear Ms. Helmuth:

We are providing to you herewith an updated a work plan for the Commission's continuing water quality management planning program as it is proposed to be conducted cooperatively with the Department during calendar year 2015 to reflect an additional \$10,000 provided for this program. The work descriptions and tables are being provided in the same format as developed in cooperation with the Department staff for previous years work programs. The work descriptions and work tables are also being submitted electronically to the Department SWIMS database, as is the agreed-upon procedure. In addition, during 2015, all requests for payments, work status reports, sewer service area amendments, and second edition, or beyond, sewer service area plans will be submitted to the SWIMS database.

Based on information provided by the Department staff, we have developed a work program supporting a funding request of \$170,285. We appreciate the Department's efforts to provide this level of funding.

It is requested that you review the proposed 2015 work program and that, if needed, a meeting be scheduled to discuss the program as soon as possible.

Should you have any questions concerning this matter, please do not hesitate to call.

Sincerely,

A handwritten signature in black ink that reads "Michael G. Hahn".

Michael G. Hahn, P.E., P.H.
Deputy Director

MGH/kmd
#222877 v2 - WDNR WQ WORK PLAN - 2015

Enclosures

cc: Ms. Susan L. Sylvester, Director, Bureau of Water Quality, WDNR-Madison (w/enclosures)
Mr. Tim Asplund, Section Chief, WDNR-Madison (w/enclosures)
Mr. Ryan Raab, WDNR-Madison (provided electronically)
Ms. Sharon L. Gayan, WDNR Deputy Water Leader (w/enclosures)

PROJECT NUMBER AND NAME	300-1000 REGIONAL WATER QUALITY MANAGEMENT PLAN COORDINATION AND IMPLEMENTATION ACTIVITIES
OBJECTIVE	To assist local and State-designated management agencies in developing procedures and guidelines and in conducting second-level planning studies needed to implement point source and nonpoint source pollution abatement measures recommended in the adopted regional water quality management plan; and to effect needed intergovernmental cooperation in plan implementation.
PREVIOUS YEARS' WORK/STATUS	<p>Since adoption of the regional water quality management plan in 1979, the Commission staff has worked with a large number and variety of designated management (plan implementation) agencies in a number of different ways to implement the plan. An update and status report on that plan was completed in 1995 and an update for the greater Milwaukee watersheds (Kinnickinnic, Menomonee, Milwaukee, and Root Rivers, Oak Creek, Lake Michigan direct drainage area, Milwaukee Harbor estuary, and the nearshore Lake Michigan area) was completed in 2007 and printed and distributed to designated management agencies in 2008.</p> <p>This project includes working with the Wisconsin Department of Natural Resources (WDNR), the county land and water conservation departments, and designated management agencies, in the preparation and implementation of detailed nonpoint source pollution abatement plans; working with lake protection and rehabilitation districts and lake associations in preparing and implementing detailed lake management plans; working with wastewater treatment plant operators and counties in implementing the plan recommendations for wastewater treatment plants and attendant sewer service areas; and working with county land and water conservation and planning departments to carry out county land and water resource management and stormwater management planning.</p> <p>In 2014, the Commission staff completed:</p> <ul style="list-style-type: none">• A restoration plan for the Root River watershed, which was developed within the framework of the RWQMPU for the greater Milwaukee watersheds,• A protection plan for the Pewaukee River watershed,• A water resources management plan for the Village of Chenequa lakes,• A protection plan for School Section Lake, and• An aquatic plant management plan for Saratoga Lake. <p>In 2014, the Commission staff continued to serve on, and provide technical support to, several committees and subcommittees of the Southeastern Wisconsin Watersheds Trust, Inc. (SWWT) as that organization pursues implementation of the recommendations of the regional water quality management plan update for the greater Milwaukee watersheds. The Commission staff served on the SWWT Board of Directors; Science and Policy Committees; and the Watershed-Based Permitting Subcommittee.</p>

WORK
DESCRIPTION

During 2015, it is proposed that the Commission maintain a staff capability designed to respond to a variety of requests for assistance in implementing the regional water quality management plan. For the most part, these activities will be conducted in direct response to requests submitted by designated management agencies. Under this project, Commission staff would attend meetings and prepare reports relating to the regional water quality management plan and its implementation recommendations. Such meetings and reports can be expected to involve all of the elements of the adopted regional water quality management plan. This project will include assisting local communities in resolving water quality problems through effective stormwater management planning and analysis integrating nonpoint source pollution abatement measures. This project will also include the provision of all sewerage system facility planning assistance and review, as well as the preparation of amendments to the regional water quality management plan. Such assistance typically includes provision of data, review of plans, and attendance at meetings.

In 2015, the Commission staff will (also see 300-4000):

- Continue to serve in an advisory role to the MMSD study team developing third party Total Maximum Daily Loads (TMDLs) for the Kinnickinnic, Menomonee, and Milwaukee River watersheds and the Milwaukee Harbor estuary and for the development of a TMDL implementation plan,
- Work with WDNR and USEPA to obtain their determination that the Root River watershed restoration plan (SEWRPC Community Assistance Planning Report No. 316, July 2014), which was developed within the framework of the RWQMPSU for the greater Milwaukee watersheds (see 300-4000), is consistent with the USEPA nine elements of a watershed plan, and
- Continue technical assistance to the WDNR staff in redefining beneficial use impairments within the Milwaukee River basin area of concern (AOC) with the ultimate goal of delisting the AOC.

The WDNR and Commission staffs will coordinate as necessary to explore ways that WDNR resource managers can more effectively convey basin priorities to local governments to help improve resource management and protection of high priority resources areas as county land and water plans and local comprehensive plans are developed and implemented.

The project will also include assistance to the WDNR, county land conservation departments, and local units of government in preparing and review of detailed nonpoint source pollution abatement plans and refinements to county land and water resource management plans, and in developing data for statewide water quality and watershed management programs. It is anticipated that such assistance and data may include the provision of available land use and water quality and pollutant loading data; watershed characteristics and areas; wetland and environmental corridor evaluation reports; field survey records; and other support data available from related Commission work programs.

The work project will include the preparation of inventory and analysis reports to assist lake districts and organizations in the conduct of lake use and management planning activities. This work program will include the preparation of project descriptions for lake planning programs and public informational and educational materials attendant to implementation of the regional water quality management plan. Under this work program, the Commission staff will continue to work with the WDNR and statewide lake organizations to develop refined lake management programs. This element will also include Commission participation as a committee member on, water quality- and habitat-related WDNR teams, county land and water resources management planning committees, and other water quality-related committees. This element will include the provision of assistance to the WDNR in developing additional data layers for watershed maps in Southeastern Wisconsin and maintenance and refinement of the sewer service area component of the SEWRPC website which will be linked to the WDNR website.

300-1000 (continued)

This work project will include the provision of assistance to local units of government in developing the quality aspects of local stormwater management and stream rehabilitation plans. As examples, the Commission anticipates 1) technical assistance to counties in implementing the water quality management elements of the county land and water resource management plans, 2) assistance to local units of government through preparation of watershed restoration or protection plans, and 3) possible assistance to the Wisconsin Department of Transportation in preparing stream rehabilitation plans for selected highway projects. .

Finally, this work project will include a process designed to consider water quality-related issues of importance to the planning program. This process may involve one interagency meeting between the WDNR and SEWRPC staffs.

END PRODUCTS

It is anticipated that the end products under this work project will be many and varied. Anticipated work products may be expected to include about two letter reports, staff memorandums, or community assistance reports; assistance to the WDNR and county land conservation departments for water quality and watershed planning activities to consist of meeting attendance and materials review; lake management planning assistance to 35 lake districts and organizations; 30 public informational and educational presentations or reports; attendance at about 140 meetings; coordination of meetings and activities with the WDNR; and other miscellaneous plan implementation activities. The sewer service area component of the SEWRPC website will be maintained and refined.

SUBSEQUENT
YEARS' WORK

This work effort is continuing with products being prepared over the course of the year and is expected to be continued in 2016.

PROJECT NUMBER AND NAME	300-2000 SANITARY SEWER EXTENSION REVIEWS AND ASSISTANCE
OBJECTIVE	To review, comment on, and provide assistance in the preparation of proposals to construct public and private sanitary sewer extensions and major onsite sewage disposal systems, relating such reviews to the adopted regional water quality management plan. Such comments and assistance are provided in response to letters submitted by local units of government, consulting engineers, architects, plumbers, and others, and are forwarded to the Wisconsin Departments of Natural Resources and Safety and Professional Services.
PREVIOUS YEARS' WORK/STATUS	This is an ongoing project. During the year 2014, the Commission staff provided review comments attendant to 43 proposed public sewer extensions and 67 proposed private main sewers and building sewer extensions, all as required under Sections NR 110.08(4) and SPS 382.20(4) of the <i>Wisconsin Administrative Code</i> . Assistance was also provided to local units of government and private land developers in the preliminary evaluation of land use development proposals. Such preliminary evaluation is particularly important since it makes the subsequent formal review of proposed sewer extensions routine. Letter reports and field staking of environmentally sensitive areas were provided for approximately 24 sewer extension projects.
WORK DESCRIPTION	During 2015, it is expected that about 45 proposals for public sanitary sewer extensions and about 65 proposals for private and building sewers will be reviewed. Numerous meetings will be held and letters written concerning the relationship of land development proposals to the adopted regional water quality management plan. Such review letters will indicate whether or not a land development proposal would encroach upon environmentally sensitive lands and whether or not such a proposal lies within an approved sanitary sewer service area. This work activity is expected to require about 125 meetings, telephone conversations, or electronic mail messages with people who contact the Commission staff regarding review of environmentally sensitive land mapping for land parcels being considered for sewer service. Letter reports and field staking of environmentally sensitive areas may be expected to be provided for about 12 sewer extension projects as part of the review or to assist in preparation of the sewer extension submitted. Each of these field staking projects will involve a written report as well as an in-field inspection and an in-field layout of the environmentally sensitive area.
END PRODUCTS	Approximately 110 letter reports relating to public and private sewer extensions and about 12 letter reports documenting in-field layouts of environmentally sensitive areas. Approximately 125 meetings, telephone conversations, or electronic mail messages to review environmentally sensitive land information on a site-specific basis.
SUBSEQUENT YEARS' WORK	The work effort is anticipated to continue with reviews and field surveys being conducted in 2016.

PROJECT NUMBER AND NAME	300-3000 SANITARY SEWER SERVICE AREA PLAN REFINEMENTS
OBJECTIVE	To refine and detail sanitary sewer service areas and environmentally sensitive lands as initially delineated in the 1979 regional water quality management plan.
PREVIOUS YEARS' WORK/STATUS	When the Commission adopted the regional water quality management plan in 1979, it was envisioned that a multi-year process would be undertaken to refine and detail the sanitary sewer service areas delineated in that plan in order to meet the requirements of Chapter NR 121 of the <i>Wisconsin Administrative Code</i> . This would involve working with the designated management agencies in efforts that would seek to incorporate local, as well as areawide, planning objectives into the sewer service area planning process. By the end of 2014, there were a total of 70 individual refined and detailed sewer service areas in Southeastern Wisconsin. In addition, during 2014, five revisions to previously prepared sewer service area plans were completed.
WORK DESCRIPTION	<p>The Commission will continue to work during the year 2015 toward completing the refinement process for all sanitary sewer service areas. This process involves working with the designated management agencies and other affected local units of government in revising the sewer service areas, incorporating into those revisions refined delineations of primary and secondary environmental corridors and isolated natural resource areas. In addition, where adequate data exist, floodplains outside of the environmental corridor lands will be delineated. Field evaluations and delineation of environmentally sensitive areas will be conducted for sites proposed to be included within the sewer service areas. Each refinement process is documented in a community assistance planning report which is presented to local governmental officials for review. One or more public hearings are held to present the final plans and obtain public reaction. The reports are then printed, adopted by the designated management agencies, adopted by the Commission as amendments to the regional water quality management plan, and forwarded by the Commission to the WDNR as water quality plan amendments.</p> <p>During 2015, it is anticipated that requests for amendments to previously prepared sewer service area plans will continue to be received and acted upon. It is estimated that 12 special letter reports documenting environmental corridor field evaluations will be prepared to support specific requests for sewer service area refinements. Environmental impact assessment data will be provided where and as needed for sewer service area amendments. One second edition sewer service area plan is expected to be completed, and approximately five amendments to previously prepared sewer service area plans are anticipated. Procedures for plan amendments will continue to be refined in conjunction with the WDNR staff in order to meet, the requirements of Chapter NR 121 of the <i>Wisconsin Administrative Code</i>. A map of the sewer service areas and map designation as to the status of their refinement will be updated. Up-to-date digital files of the sewer service area boundaries will be maintained. The sewer service area program, including mapping, will be maintained and refined as an integral component of the SEWRPC website and linked to the WDNR website.</p>
END PRODUCTS	Community assistance planning reports and plan amendment reports documenting the revised sanitary sewer service areas (one anticipated), amendments to service areas (five anticipated), and environmentally sensitive lands, and an estimated 12 special letter reports and field evaluations to support specific sewer service area amendment requests. Data needed to complete WDNR environmental assessment forms as needed. An updated map in digital format indicating the sewer service areas and their refinement status for the Southeastern Wisconsin Region with WDNR geographic management unit boundary designations. Maintenance and refinement of a sewer service area component on the SEWRPC website linked to the WDNR website.
SUBSEQUENT YEARS' WORK	This work effort is anticipated to continue with sewer service area plans and refinements being conducted over the course of the year.

PROJECT NUMBER AND NAME	300-4000 REGIONAL WATER QUALITY MANAGEMENT PLAN UPDATING AND EXTENSION—MAJOR SUBREGIONAL AMENDMENTS
OBJECTIVE	To update and extend the land use-, point source-, nonpoint source-, and surface- water-related elements of the regional water quality management plan. The plan updating process is intended to be a continuing process. As such, this work project will focus on major amendments to the plan which generally involve subregional considerations.
PREVIOUS YEARS' WORK/STATUS	The original regional water quality management plan was completed in 1979. Under the 1994-1995 water quality planning program, a report providing an update of and status report on the regional water quality management plan was completed. In 2008, the regional water quality management plan update (RWQMUP) for the greater Milwaukee watersheds (the Kinnickinnic, Menomonee, Milwaukee, and Root River watersheds; the Oak Creek watershed; the Lake Michigan direct drainage area; and the nearshore Lake Michigan area) was printed as a SEWRPC planning report and distributed to designated management agencies (DMAs), requesting endorsement of the plan by those agencies. In 2009, a SEWRPC technical report on water quality conditions and sources of pollution in the greater Milwaukee watersheds, which is a companion to the RWQMUP report, was published and distributed to DMAs and other interested parties. In 2014, the Commission continued its participation as a member of the Milwaukee Metropolitan Sewerage District (MMSD) Technical Advisory Team, which met regularly to consider issues related to various elements of the MMSD facilities plan.
WORK DESCRIPTION	<p>During 2015, the Commission staff will continue to provide input into the ongoing inter-governmental process relating to implementation of major plan amendments relating to sewerage facilities and sewer service areas as the need arises. This project will also include activities related to implementing the regional water quality management plan update for the greater Milwaukee watersheds.</p> <p>Also during 2015, the Commission staff will coordinate with the WDNR and USEPA to obtain agency certification that the Root River watershed restoration plan (SEWRPC Community Assistance Planning Report No. 316, July 2014) is consistent with the USEPA nine elements of a watershed plan. That plan was prepared within the framework provided by the 2007 SEWRPC RWQMUP for the greater Milwaukee watersheds. In addition, the Commission staff will serve as a technical advisor to the project team assembled by MMSD to develop phosphorus, bacteria, and total suspended sediment total maximum daily loads (TMDLs) for the Kinnickinnic, Menomonee, and Milwaukee River watersheds and the Milwaukee Harbor estuary. Those TMDL studies utilize the watershed, estuary, and nearshore Lake Michigan water quality models developed under the 2007 RWQMUP.</p>
END PRODUCTS	Plan amendments and letter reports as appropriate.
SUBSEQUENT YEARS' WORK	The Commission staff will continue to provide input into intergovernmental processes related to major plan amendments regarding sewerage facilities and sewer service areas as the need arises.

PROJECT NUMBER AND NAME	300-5000 REGIONAL WATER QUALITY MANAGEMENT PLAN UPDATING AND EXTENSION—GROUNDWATER MANAGEMENT STUDIES
OBJECTIVE	To develop groundwater resources-related data and analyses for use in regional land use and water quality management planning over a multi-year period.
PREVIOUS YEARS' WORK/STATUS	<p>1998: A prospectus describing a regional groundwater aquifer modeling program for Southeastern Wisconsin was published.</p> <p>2002: SEWRPC Technical Report No. 37, <i>Groundwater Resources of Southeastern Wisconsin</i>, documenting groundwater resources inventories, including a pollution potential mapping for the Region, was published.</p> <p>2005: SEWRPC Technical Report No. 41, <i>A Regional Aquifer Simulation Model for Southeastern Wisconsin</i>, was published. The model development was carried out under an interagency agreement by the Commission, the U.S. Geological Survey, and the Wisconsin Geological and Natural History Survey staffs. The work was overseen by the Commission's Technical Advisory Committee on Groundwater Resources.</p> <p>2006: SEWRPC Memorandum Report No. 167, "<i>Simulation of Shallow Groundwater Flow in the Vicinity of the Village of Eagle</i>," was published.</p> <p>2010: SEWRPC Planning Report No. 52, <i>A Regional Water Supply Plan for Southeastern Wisconsin</i>, was published.</p> <p>2011: The Commission staff made presentations at ten meetings of county boards, or county board committees; city councils; village boards; and town boards, considering endorsement of the regional water supply plan.</p> <p>2012: The Commission staff advised municipalities and watershed organizations on issues related to groundwater contamination and the effects of high capacity wells on surface water resources.</p> <p>2013: The Commission staff made presentations to the Wisconsin Chapter of the American Water Resources Association and the Milwaukee 7 Council, coordinated with the City and Town of Waukesha and the WDNR regarding Waukesha water supply service area issues, advised Walworth County relative to its successful application for a large-scale WDNR lake management planning grant to partially fund preparation of a County water conservation plan, and participated in the Wisconsin Water Conservation Coalition.</p> <p>2014: The Commission staff made a presentation on "Water Supply Demand Forecasting in the Southeastern Wisconsin Region" at the 23rd Annual WDNR Water Supply Regulatory Seminar, coordinated with the WDNR regarding Waukesha water supply service area issues, and participated in the Wisconsin Water Conservation Coalition</p>
WORK DESCRIPTION	During 2015, on an as-needed basis, the Commission staff will continue groundwater quantity and quality protection planning activities in support of the regional water supply, water quality, and land use planning programs.

-continued-

300-5000 (continued)

END PRODUCTS The Commission will offer technical assistance to local units of government on matters related to groundwater management. This assistance will be documented in letter reports, as appropriate.

SUBSEQUENT
YEARS' WORK The work effort is anticipated to continue.

Table 1

**MAJOR WORK ELEMENTS AND COSTS FOR CONTINUING WATER QUALITY
 MANAGEMENT PLANNING PROGRAM IN SOUTHEASTERN WISCONSIN—CALENDAR YEAR 2015**

Proposed Work Projects		SEWRPC	Initial Federal Pass-Through and WDNR	Service Agreements	Total
Plan Implementation and Refinement Projects					
300-1000	Water Quality Plan Coordination and Implementation Activities	\$546,480	\$130,285	\$326,000 ^a	\$ 1,002,765
300-2000	Sanitary Sewer Extension Water Quality Plan Review	15,000	15,000	--	30,000
300-3000	Sanitary Sewer Service Area Water Quality Plan Refinements	15,000	15,000	--	30,000
	Subtotal	\$576,480	\$160,285	\$326,000	\$1,062,765
Plan Updating and Extension Projects					
300-4000	Regional Water Quality Management Plan—Major Subregional Amendments	\$109,000	\$ 5,000	\$290,000 ^b	\$ 395,000
300-5000	Regional Water Quality Management Plan—Groundwater Element	5,000	5,000	--	10,000
	Subtotal	\$105,000	\$ 10,000	\$290,000	\$ 405,000
	Total	\$681,480	\$170,285	\$616,000	\$1,467,765

^aIncludes lake and stream management plans and projects and MMSD TMDL study.

^aIncludes work for MMSD 2050 facilities plan.

Source: SEWRPC.

Table 2

**SCHEDULE OF MAJOR WORK PRODUCTS FOR THE CONTINUING
 WATER QUALITY MANAGEMENT PLANNING PROGRAM FOR SOUTHEASTERN WISCONSIN: 2015**

Work Projects and Total Staff Effort ^a	Project Output	Approximate Cost ^a	Scheduled Completion Date in 2013 (number of products)				Comments
			March 31	June 30	September 30	December 31	
Water Quality Plan Implementation and Refinement Projects							
300-1000 Water Quality Management Plan Coordination and Extension of Implementation Activities	1. Two letter reports or staff memoranda relating to point source and nonpoint source pollution abatement actions, such as sewerage system facility planning and site-specific nonpoint source control measures.	\$ 40,000	--	(1)	--	(1)	This work effort is necessary to respond to and assist the various water quality designated management agencies in implementing the recommended regional water management plan elements. The work products are approximate, since the requests and need for assistance is largely initiated by the implementing designated management agencies
Staff Effort Equals 97 Person-Months	2. Assistance and data provision to WDNR, County Land and Water Conservation Committees, and other designated management agencies for watershed and other water quality-related WDNR advisory committees, including Statewide activities	50,000	(X)	(X)	(X)	(X)	
	3. Assistance to 35 lake organizations or districts and WDNR in general lake management activities	112,000	(8)	(9)	(9)	(9)	
	• Grant assistance and project description for lake water quality		(X)	(X)	(X)	(X)	
	• Meetings and data provision		(X)	(X)	(X)	(X)	
	• Lake organization and WDNR and WLA meetings and assistance		(X)	(X)	(X)	(X)	
	• Project review and scope of work planning assistance		(X)	(X)	(X)	(X)	

Table 2 (continued)

Work Projects and Total Staff Effort ^a	Project Output	Approximate Cost ^a	Scheduled Completion Date in 2013 (number of products)				Comments
			March 31	June 30	September 30	December 31	
Water Quality Plan Implementation and Refinement Projects (continued)							
300-1000 (continued)	4. Thirty public education/information reports or presentations	\$150,000	(7)	(7)	(8)	(8)	
	5. WDNR project coordination and work program development	8,000	(X)	(X)	(X)	(X)	
	6. 140 meetings preparation, attendance, and follow-up	235,000	(35)	(35)	(35)	(35)	
	7. Special watershed or County land and water management plan assistance	5,000	(X)	(X)	(X)	(X)	
	8. Miscellaneous plan implementation activities ^b	402,765	(X)	(X)	(X)	(X)	
	Subtotal	\$1,002,765	--	--	--	--	--
300-2000 Sanitary Sewer Extension Reviews and Assistance	1. 110 letter reports on project reviews	\$ 14,000	(25)	(25)	(30)	(30)	This work element is required to assist local communities in relating land development activities to the regional water quality management plan as required by Sections NR 110.8(4) and Comm 82.20(4) of the Wisconsin Administrative Code
	2. Twelve special letter reports with in-field surveys	13,000	(3)	(3)	(3)	(3)	
	3. Assistance in providing information to be used to design development proposals in conformance with the regional water quality management plan	3,000	(X)	(X)	(X)	(X)	
Staff Effort Equals 3.2 Person-Months	Subtotal	\$ 30,000	--	--	--	--	--

Table 2 (continued)

Work Projects and Total Staff Effort ^a	Project Output	Approximate Cost ^a	Scheduled Completion Date in 2013 (number of products)				Comments
			March 31	June 30	September 30	December 31	
Water Quality Plan Implementation and Refinement Projects (continued)							
300-3000 Sanitary Sewer Service Area Plan Refinements	1. One sewer service area plan	\$ 6,000	--	(1)	--	--	This work element is intended to respond to designated management agency requests for assistance in defining sewer service areas and environmentally sensitive areas. Thus, the number and type of work products is variable, since the need for assistance is largely initiated by the implementing designated management agency, depending on agency requests
	2. Five amendments to previous plans	\$ 15,000	--	(2)	(2)	(1)	
	3. 12 special letter reports and field evaluations for specific sewer service area amendment requests	4,000	(2)	(4)	(3)	(3)	
Staff Effort Equals 3.2 Person-Months	4. Provision of data for WDNR environmental assessments as needed	1,000	(X)	(X)	(X)	(X)	
	5. Miscellaneous activities for sewer service area planning	3,000	(X)	(X)	(X)	(X)	
	6. Continue to refine procedures for environmental corridor recommendations consistent with WDNR code and SEWRPC planning standards	1,000	(X)	(X)	(X)	(X)	
	• Letter reports • Meetings with citizens or officials						Timing of work products and meeting to be mutually developed by Wisconsin Department of Natural Resources and SEWRPC staffs
	• Intergovernmental meetings • Staff memorandum • Site-specific demonstration mapping						
	Subtotal	\$ 30,000	--	--	--	--	--
Plan Implementation and Refinement Total		\$1,062,765	--	--	--	--	--

Table 2 (continued)

Work Projects and Total Staff Effort ^a	Project Output	Approximate Cost ^a	Scheduled Completion Date in 2013 (number of products)				Comments
			March 31	June 30	September 30	December 31	
Water Quality Plan Updating and Extension							
300-4000 Regional Water Quality Plan	1. Continue support for sub-regional plan amendment activities. Continue implementing the regional water quality management plan update for the greater Milwaukee watersheds. Assist with MMSD 2050 facilities plan	\$ 395,000 ^c	(X)	(X)	(X)	(X)	
Major Subregional Plan Amendments							
Staff Effort Equals 39 Person-Months							
	Subtotal	\$ 395,000	--	--	--	--	--
300-5000 Regional Water Quality Plan—Groundwater Management Studies	1. Miscellaneous activities	\$ 10,000	(X)	(X)	(X)	(X)	This project relates to implementation activities associated with the groundwater quality management elements of the regional water quality management plan update and the regional water supply plan and to specific groundwater quality-related evaluations within the Region
Staff Effort Equals 1.0 Person-Month							
	Subtotal	\$ 10,000	--	--	--	--	--
	Plan Updating and Extension Total	\$ 405,000	--	--	--	--	--
	Program Total	\$1,457,765	--	--	--	--	--

^aWork effort and costs, as well as the number of outputs, are dependent upon local designated management agencies needs and upon community and agency review, revision, and participation, including intergovernmental and public meetings and involvement. Thus, work efforts involved and number of project outputs are estimates which will vary depending upon complexity of each project.

^bIncludes \$326,000 for lake and streams management plans and projects and MMSD TMDL study (all through service agreements).

^cIncludes \$290,000 for MMSD 2050 facilities plan (through service agreements) and wastewater treatment plant facility plan reviews.

Source: SEWRPC.

