

# Wisconsin Department of Natural Resources

## SWIMS Project Summary

### General Project Information

**Project ID:** CARPC\_AWQMP\_Program

**Name:** AWQMP Program - Dane County (CARPC SSA/USA)

**Type:** Water Quality Planning

**Subtype:** AWQMP Program

**Status:** ACTIVE

**Start Date:** 10/18/2010

**End Date:** 12/31/2099

**Purpose:**

Wisconsin's statewide Areawide Water Quality Management Plan (AWQMP) is a collection of documents that describe the overall condition and resources within a given area. These plans form the foundation for the management of water quality. The AWQMP serves as a platform for subsequent water quality initiatives and activities, including point and nonpoint pollutant plans, monitoring activities, and related environmental resource considerations. One item found under the umbrella of Areawide Water Quality Management Planning is the Sewer Service Area Plan. Sewer Service Area plans are specific to infrastructure development within municipal areas and outline 20-year service areas for public sewers.

Sewer Service Area Plans outline 20-year growth boundaries and sensitive areas to protect water quality by proactively addressing the future needs for wastewater collection and treatment in developing areas. This planning helps protect water resources from adverse impacts by facilitating cost-effective and environmentally sound sewerage system planning. Plans identify existing sewered areas and available land suitable for new development. The process also identifies areas not suitable for public sewer, including but not limited to environmentally sensitive areas (NR 121.05(l)(g)2.c).

Goals to establish service area plans and policies relating to wastewater collection and treatment are best developed in tandem with Comprehensive Planning. Policies framing service area planning decisions include:

- Providing cost-effective collection and treatment facilities;
- Consideration of current and anticipated development or redevelopment that conforms with Comprehensive Plans;
- Providing collection and treatment infrastructure improvement and upgrades accommodating 7-yr design events, and addressing NPDES permitting and EPA guidelines;
- Providing collection and treatment facilities that comply with state and federal regulations and protection of sensitive resources such as headwaters, springs and wetlands;
- Optimizing Main and CSO treatment plant performance and efficiency;
- Optimize industrial pretreatment and pollution prevention strategies;
- Interagency cooperation and public involvement.

With input from Planning, Engineering, and Wastewater, Wisconsin SSA Planning effectuates long-term water quality protection by designating as environmentally sensitive wetlands, shorelands, floodplains, steep slopes, lands with erodible soils, and environmentally limiting areas within the planning boundary. Additional areas within the City's limits which are guarded from sewered development include parks, the municipal forest and other valuable recreational areas.

**Objective:**

Goals to establish service area plans and policies relating to wastewater collection and treatment are best developed in tandem with Comprehensive Planning. Policies framing service area planning decisions include:

- Providing cost-effective collection and treatment facilities;
- Consideration of current and anticipated development or redevelopment that conforms with local comprehensive plans;
- Providing collection and treatment infrastructure improvement and upgrades accommodating standard planning design events and addressing WPDES permitting and USEPA guidelines;
- Providing collection and treatment facilities that comply with state and federal regulations which include protecting sensitive resources such as headwaters, springs and wetlands in development areas;
- Optimizing Main and CSO treatment plant performance and efficiency;
- Optimize industrial pretreatment and pollution prevention strategies;
- Interagency cooperation and public involvement.

**Comments:**

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**Outcome:** <p>With coordination among DNR programs, Sewer service area planning effectuates long-term water quality protection by designating as environmentally sensitive wetlands, shorelands, floodplains, steep slopes, lands with erodible soils, and environmentally limiting areas within the planning boundary. Additional areas within developed land include parks, municipal forests/woodlands, and other valuable recreational areas.</p>

**Study Design:**

**QA Measures:**

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Cobb, Brittany	COORDINATOR	ACTIVE	1/14/2020		Capital Area Regional Planning Commission (CARPC)	
Fuller, Sarah	COORDINATOR	COMPLETE	6/27/2018		Capital Area Regional Planning Commission (CARPC)	
Gjestson, Chris	COORDINATOR	COMPLETE	3/7/2011	12/31/2099	Capital Area Regional Planning Commission (CARPC)	
HOWE, BETSYJO M	TEAM_MEMBER	ACTIVE	12/28/2022		Wisconsin DNR	
Helmuth, Lisa D	COORDINATOR	INACTIVE	1/15/1975	12/28/2022	Wisconsin DNR	
Higgins, Sean	COORDINATOR	INACTIVE	12/4/2014		CARPC (Capital Area Regional Planning Commission )	
KEALLY, FRANCES E	COORDINATOR	COMPLETE	10/18/2010	1/1/2016	Wisconsin DNR	
Kakuska, Mike	COORDINATOR	COMPLETE	10/18/2010	12/31/2099	Capital Area Regional Planning Commission (CARPC)	
LATHROP, JOHANNA L	COORDINATOR	COMPLETE	11/20/2014	10/1/2016	Wisconsin DNR	
Rupiper, Michael	COORDINATOR	ACTIVE	11/29/2016			
SCHMIDT, BRETT M	TEAM_MEMBER	COMPLETE	9/9/2022	12/6/2022	Wisconsin DNR	
Vandermuss, Tony	COORDINATOR	COMPLETE	6/27/2018		Capital Area Regional Planning Commission (CARPC)	

Project Statuses			
Date	Reported By	Status	Comments
7/31/1975	Lisa Helmuth	Active	

Actions
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Action	Detailed Description	Start Date	End Date	Status
Water Quality Planning	<p>The Dane County Areawide Water Quality Management Plan (AWQMP) is a collection of documents that describe the overall condition and resources within a given area. CARPC is the responsible agency for maintaining and implementing the plan.</p> <p>WQMPs form the foundation for the management of water quality. The Dane County AWQMP serves as a platform for subsequent water quality initiatives and activities, including point and nonpoint pollutant plans, monitoring activities, and related environmental resource considerations. Urban Service Area / Sewer Service Area Planning is a central activity of Areawide Water Quality Management Planning .</p>	10/18/1975	12/31/2099	IN_PROGRESS

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
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Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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