

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: RP-102-05

Name: EAGLE SPRING LAKE MANAGEMENT DISTRICT: Mukwonago River-Watershed Nutrient Study

Type: River Grant

Subtype: River Planning Grant

Status: COMPLETE

Start Date: 7/1/2004

End Date: 12/31/2007

Purpose: The Eagle Spring Lake Mgt. Dist. is applying for a river planning grant to help fund a water quality monitoring study on tributaries of the Mukwonago River. The purpose of the project is to determine nutrient loading problems to the streams and use the data to work with local government on land use and development issues. Two local organizations (Mukwonago River Initiative and Friends of Mukwonago River) would also like to utilize the project to gain membership and financial support for future projects.

Ten water samples will be collected five times per year for 2004-2006. Lab analysis will be done by UWSP and will include conductivity, total and reactive phosphorus, ammonia, nitrate-nitrite nitrogen, total kjeldahl nitrogen, chloride, and total solids. Lab costs total \$9639.00. Total project costs are \$12,308.00. Therefore, sponsor match is about \$3100.00 to be shared by Eagle Spring and Phantom Lakes Mgt. Dist.

Mukwonago River is an ERW and these tributaries are vital to its protection. The district intends to utilize press release, newsletters, mailings, and public presentations for I&E Effors. Area School groups will be involved in sampling and data evaluation.

A Final report will be submitted to the WDNR at the end of the project period.

Objective:

Comments: Grantee is EAGLE SPRING LAKE MANAGEMENT DISTRICT

Outcome:**Study Design:****QA Measures:**

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Eagle Spring Lake Management D	GRANT_RECIPIENT	ACTIVE	12/21/2011	12/31/2007	Eagle Spring Lake Management District	

Project Statuses

Date	Reported By	Status	Comments
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Actions

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Action	Detailed Description	Start Date	End Date	Status
Monitor Water Quality or Sediment	<p>The Eagle Spring Lake Mgt. Dist. is applying for a river planning grant to help fund a water quality monitoring study on tributaries of the Mukwonago River. The purpose of the project is to determine nutrient loading problems to the streams and use the data to work with local government on land use and development issues. Two local organizations (Mukwonago River Initiative and Friends of Mukwonago River) would also like to utilize the project to gain membership and financial support for future projects. Ten water samples will be collected five times per year for 2004-2006. Lab analysis will be done by UWSP and will include conductivity, total and reactive phosphorus, ammonia, nitrate-nitrite nitrogen, total kjeldahl nitrogen, chloride, and total solids. Lab costs total \$9639.00. Total project costs are \$12,308.00. Therefore, sponsor match is about \$3100.00 to be shared by Eagle Spring and Phantom Lakes Mgt. Dist. Mukwonago River is an ERW and these tributaries are vital to its protection. The district intends to utilize press release, newsletters, mailings, and public presentations for I&E Efforts. Area School groups will be involved in sampling and data evaluation. A Final report will be submitted to the WDNR at the end of the project period.</p>	7/1/2004	12/31/2007	COMPLETE
Information and Education	<p>The Eagle Spring Lake Mgt. Dist. is applying for a river planning grant to help fund a water quality monitoring study on tributaries of the Mukwonago River. The purpose of the project is to determine nutrient loading problems to the streams and use the data to work with local government on land use and development issues. Two local organizations (Mukwonago River Initiative and Friends of Mukwonago River) would also like to utilize the project to gain membership and financial support for future projects. Ten water samples will be collected five times per year for 2004-2006. Lab analysis will be done by UWSP and will include conductivity, total and reactive phosphorus, ammonia, nitrate-nitrite nitrogen, total kjeldahl nitrogen, chloride, and total solids. Lab costs total \$9639.00. Total project costs are \$12,308.00. Therefore, sponsor match is about \$3100.00 to be shared by Eagle Spring and Phantom Lakes Mgt. Dist. Mukwonago River is an ERW and these tributaries are vital to its protection. The district intends to utilize press release, newsletters, mailings, and public presentations for I&E Efforts. Area School groups will be involved in sampling and data evaluation. A Final report will be submitted to the WDNR at the end of the project period.</p>	7/1/2004	12/31/2007	COMPLETE

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Develop/Distribute Newsletter	<p>The Eagle Spring Lake Mgt. Dist. is applying for a river planning grant to help fund a water quality monitoring study on tributaries of the Mukwonago River. The purpose of the project is to determine nutrient loading problems to the streams and use the data to work with local government on land use and development issues. Two local organizations (Mukwonago River Initiative and Friends of Mukwonago River) would also like to utilize the project to gain membership and financial support for future projects. Ten water samples will be collected five times per year for 2004-2006. Lab analysis will be done by UWSP and will include conductivity, total and reactive phosphorus, ammonia, nitrate-nitrite nitrogen, total kjeldahl nitrogen, chloride, and total solids. Lab costs total \$9639.00. Total project costs are \$12,308.00. Therefore, sponsor match is about \$3100.00 to be shared by Eagle Spring and Phantom Lakes Mgt. Dist. Mukwonago River is an ERW and these tributaries are vital to its protection. The district intends to utilize press release, newsletters, mailings, and public presentations for I&E Efforts. Area School groups will be involved in sampling and data evaluation. A Final report will be submitted to the WDNR at the end of the project period.</p>	7/1/2004	12/31/2007	COMPLETE
Develop/Distribute Brochures/Literature	<p>The Eagle Spring Lake Mgt. Dist. is applying for a river planning grant to help fund a water quality monitoring study on tributaries of the Mukwonago River. The purpose of the project is to determine nutrient loading problems to the streams and use the data to work with local government on land use and development issues. Two local organizations (Mukwonago River Initiative and Friends of Mukwonago River) would also like to utilize the project to gain membership and financial support for future projects. Ten water samples will be collected five times per year for 2004-2006. Lab analysis will be done by UWSP and will include conductivity, total and reactive phosphorus, ammonia, nitrate-nitrite nitrogen, total kjeldahl nitrogen, chloride, and total solids. Lab costs total \$9639.00. Total project costs are \$12,308.00. Therefore, sponsor match is about \$3100.00 to be shared by Eagle Spring and Phantom Lakes Mgt. Dist. Mukwonago River is an ERW and these tributaries are vital to its protection. The district intends to utilize press release, newsletters, mailings, and public presentations for I&E Efforts. Area School groups will be involved in sampling and data evaluation. A Final report will be submitted to the WDNR at the end of the project period.</p>	7/1/2004	12/31/2007	COMPLETE

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Rivers Planning Grant	<p>The Eagle Spring Lake Mgt. Dist. is applying for a river planning grant to help fund a water quality monitoring study on tributaries of the Mukwonago River. The purpose of the project is to determine nutrient loading problems to the streams and use the data to work with local government on land use and development issues. Two local organizations (Mukwonago River Initiative and Friends of Mukwonago River) would also like to utilize the project to gain membership and financial support for future projects. Ten water samples will be collected five times per year for 2004-2006. Lab analysis will be done by UWSP and will include conductivity, total and reactive phosphorus, ammonia, nitrate-nitrite nitrogen, total kjeldahl nitrogen, chloride, and total solids. Lab costs total \$9639.00. Total project costs are \$12,308.00. Therefore, sponsor match is about \$3100.00 to be shared by Eagle Spring and Phantom Lakes Mgt. Dist. Mukwonago River is an ERW and these tributaries are vital to its protection. The district intends to utilize press release, newsletters, mailings, and public presentations for I&E Efforts. Area School groups will be involved in sampling and data evaluation. A Final report will be submitted to the WDNR at the end of the project period.</p>	7/1/2004	12/31/2007	COMPLETE
Project Deliverable	<p>The Eagle Spring Lake Mgt. Dist. is applying for a river planning grant to help fund a water quality monitoring study on tributaries of the Mukwonago River. The purpose of the project is to determine nutrient loading problems to the streams and use the data to work with local government on land use and development issues. Two local organizations (Mukwonago River Initiative and Friends of Mukwonago River) would also like to utilize the project to gain membership and financial support for future projects. Ten water samples will be collected five times per year for 2004-2006. Lab analysis will be done by UWSP and will include conductivity, total and reactive phosphorus, ammonia, nitrate-nitrite nitrogen, total kjeldahl nitrogen, chloride, and total solids. Lab costs total \$9639.00. Total project costs are \$12,308.00. Therefore, sponsor match is about \$3100.00 to be shared by Eagle Spring and Phantom Lakes Mgt. Dist. Mukwonago River is an ERW and these tributaries are vital to its protection. The district intends to utilize press release, newsletters, mailings, and public presentations for I&E Efforts. Area School groups will be involved in sampling and data evaluation. A Final report will be submitted to the WDNR at the end of the project period.</p>	7/1/2004	12/31/2007	COMPLETE

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Informational Meetings	The Eagle Spring Lake Mgt. Dist. is applying for a river planning grant to help fund a water quality monitoring study on tributaries of the Mukwonago River. The purpose of the project is to determine nutrient loading problems to the streams and use the data to work with local government on land use and development issues. Two local organizations (Mukwonago River Initiative and Friends of Mukwonago River) would also like to utilize the project to gain membership and financial support for future projects. Ten water samples will be collected five times per year for 2004-2006. Lab analysis will be done by UWSP and will include conductivity, total and reactive phosphorus, ammonia, nitrate-nitrite nitrogen, total kjeldahl nitrogen, chloride, and total solids. Lab costs total \$9639.00. Total project costs are \$12,308.00. Therefore, sponsor match is about \$3100.00 to be shared by Eagle Spring and Phantom Lakes Mgt. Dist. Mukwonago River is an ERW and these tributaries are vital to its protection. The district intends to utilize press release, newsletters, mailings, and public presentations for I&E Efforts. Area School groups will be involved in sampling and data evaluation. A Final report will be submitted to the WDNR at the end of the project period.	7/1/2004	12/31/2007	COMPLETE
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Details: Parameter**Value/Amount****Units****Comments**

BMP Implementation

I & E Activities

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Details: Parameter	Value/Amount	Units	Comments
PCBs			
Permit Modification			
Products Developed: Stormwater Plan			
Protective Areas: Feet of bank protected			
Protective Areas: Feet of bank protected			
Protective Areas: Feet of bank protected			
Report Writeup			
Stormwater Goals Addressed: Protective areas			
Stormwater Goals Addressed: Reduce TSS			
Streambank & Shoreline Protection: Pollutant load reduction			
Streambank & Shoreline Protection: Units			
Streambank & Shoreline Protection: Pollutant load reduction			
Streambank & Shoreline Protection: Units			
Streambanks: Feet of bank protected			
Streambanks: Feet of bank protected			
Streambanks: Feet of bank protected			
Total Nitrogen			
Total Phosphorus			
Total Suspended Solids			
Watershed Outreach, Planning			

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Grant Awarded	<p>The Eagle Spring Lake Mgt. Dist. is applying for a river planning grant to help fund a water quality monitoring study on tributaries of the Mukwonago River. The purpose of the project is to determine nutrient loading problems to the streams and use the data to work with local government on land use and development issues. Two local organizations (Mukwonago River Initiative and Friends of Mukwonago River) would also like to utilize the project to gain membership and financial support for future projects. Ten water samples will be collected five times per year for 2004-2006. Lab analysis will be done by UWSP and will include conductivity, total and reactive phosphorus, ammonia, nitrate-nitrite nitrogen, total kjeldahl nitrogen, chloride, and total solids. Lab costs total \$9639.00. Total project costs are \$12,308.00. Therefore, sponsor match is about \$3100.00 to be shared by Eagle Spring and Phantom Lakes Mgt. Dist. Mukwonago River is an ERW and these tributaries are vital to its protection. The district intends to utilize press release, newsletters, mailings, and public presentations for I&E Efforts. Area School groups will be involved in sampling and data evaluation. A Final report will be submitted to the WDNR at the end of the project period.</p>	7/1/2004	12/31/2007	COMPLETE
Issue News/Media Release	<p>The Eagle Spring Lake Mgt. Dist. is applying for a river planning grant to help fund a water quality monitoring study on tributaries of the Mukwonago River. The purpose of the project is to determine nutrient loading problems to the streams and use the data to work with local government on land use and development issues. Two local organizations (Mukwonago River Initiative and Friends of Mukwonago River) would also like to utilize the project to gain membership and financial support for future projects. Ten water samples will be collected five times per year for 2004-2006. Lab analysis will be done by UWSP and will include conductivity, total and reactive phosphorus, ammonia, nitrate-nitrite nitrogen, total kjeldahl nitrogen, chloride, and total solids. Lab costs total \$9639.00. Total project costs are \$12,308.00. Therefore, sponsor match is about \$3100.00 to be shared by Eagle Spring and Phantom Lakes Mgt. Dist. Mukwonago River is an ERW and these tributaries are vital to its protection. The district intends to utilize press release, newsletters, mailings, and public presentations for I&E Efforts. Area School groups will be involved in sampling and data evaluation. A Final report will be submitted to the WDNR at the end of the project period.</p>	7/1/2004	12/31/2007	COMPLETE

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Biomonitoring Toxicity Tests	<p>The Eagle Spring Lake Mgt. Dist. is applying for a river planning grant to help fund a water quality monitoring study on tributaries of the Mukwonago River. The purpose of the project is to determine nutrient loading problems to the streams and use the data to work with local government on land use and development issues. Two local organizations (Mukwonago River Initiative and Friends of Mukwonago River) would also like to utilize the project to gain membership and financial support for future projects. Ten water samples will be collected five times per year for 2004-2006. Lab analysis will be done by UWSP and will include conductivity, total and reactive phosphorus, ammonia, nitrate-nitrite nitrogen, total kjeldahl nitrogen, chloride, and total solids. Lab costs total \$9639.00. Total project costs are \$12,308.00. Therefore, sponsor match is about \$3100.00 to be shared by Eagle Spring and Phantom Lakes Mgt. Dist. Mukwonago River is an ERW and these tributaries are vital to its protection. The district intends to utilize press release, newsletters, mailings, and public presentations for I&E Efforts. Area School groups will be involved in sampling and data evaluation. A Final report will be submitted to the WDNR at the end of the project period.</p>	7/1/2004	12/31/2007	COMPLETE
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Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
765500	2	Mukwonago River	Mukwonago River

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

7/24/2024

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Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding					
Organization	Source	Type	Amount	Start Date	End Date