

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: 07/01/2004
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 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.

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	GRANT_RECIP	ACTIVE	12/21/2011	12/31/2007	Eagle Spring Lake Management District	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
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Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
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 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.</p>	07/01/2004	12/31/2007	COMPLETE

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Action	Detailed Description	Start	End Date	Status
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 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.</p>	07/01/2004	12/31/2007	COMPLETE

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Action	Detailed Description	Start	End Date	Status
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 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.</p>	07/01/2004	12/31/2007	COMPLETE

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Action	Detailed Description	Start	End Date	Status
Informational Meetings	<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 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.</p>	07/01/2004	12/31/2007	COMPLETE

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Action	Detailed Description	Start	End Date	Status
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 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.</p>	07/01/2004	12/31/2007	COMPLETE

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Action	Detailed Description	Start	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 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.</p>	07/01/2004	12/31/2007	COMPLETE

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Action	Detailed Description	Start	End Date	Status
ATTAINS Water Identified for Protection	<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 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.</p>	07/01/2004	12/31/2007	COMPLETE

Details:	Parameter	Value/Amount	Units	Comments
	BMP Implementation			
	I & E Activities			
	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			

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Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
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				
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>	07/01/2004	12/31/2007	COMPLETE

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Action	Detailed Description	Start	End Date	Status
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 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.</p>	07/01/2004	12/31/2007	COMPLETE

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Action	Detailed Description	Start	End Date	Status
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 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.</p>	07/01/2004	12/31/2007	COMPLETE

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Action	Detailed Description	Start	End Date	Status
Develop/Distribute Brochures/Literature	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.	07/01/2004	12/31/2007	COMPLETE

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	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 SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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