

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: LR08-13225-12A

Name: CITY OF FITCHBURG: Red Arrow Trail Detention Pond

Type: NPS Grant

Subtype: Urban Nonpoint - Stormwater Construction

Status: COMPLETE

Start Date: 1/1/2012

End Date: 12/31/2013

Purpose: To cost-share construction of a wet detention pond, located southeast of the intersection of Red Arrow Trail & Crescent Road, to remedy discharges of total suspended solids, phosphorus & heavy metals entering waters of state, including the wetlands of Dunn's Marsh, and to address erosion by reducing peak discharges to pre-development levels.

Objective:

Comments: Grantee is CITY OF FITCHBURG

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
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Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Grant LR08-13225-12A awarded	1/1/2012	12/31/2013	COMPLETE
Runoff Grant - Urban Nonpoint Source & Stormwater Management - Construction		1/1/2012	12/31/2013	COMPLETE

Details: Parameter	Value/Amount	Units	Comments
Developed Urban Areas: Other (Please Specify)	Phosphorus		40%, 10lbs
Fueling and Maintenance Areas: Oily sheen presence			
Infiltration: % Pre-development stay-on volume			
Infiltration: Cubic feet stay-on volume			
NR 216: 20-40% Reduction in TSS - % reduction	41	%	
NR 216: 20-40% Reduction in TSS - Pounds reduced	4230		lbs
Peak Flow Discharge: Change in cubic feet per second			
Protective Areas: Feet of bank protected			

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Details: Parameter	Value/Amount	Units	Comments
	Streambanks: Feet of bank protected		
	Streambanks: Tons of bank erosion reduced		
	non NR 216: 20-40% Reduction in TSS - % reduction		
	non NR 216: 20-40% Reduction in TSS - Pounds reduced		

Monitoring Stations		
Station ID	Name	Comments

Assessment Units			
WBIC	Segment	Local Name	Official Name

Lab Account Codes			
Account Code	Description	Start Date	End Date

Forms	
Form Code	Form Name

Methods	
Method Code	Method Description

Fieldwork Events				
Start Date	Status	Field ID	Station ID	Station Name

Documents				
Title	Description	Author	Published	Comments
Red Arrow Pond - Photos				
Red Arrow Trail Detention Pond - Final Report		Paul Woodard	4/9/2014	

Budget	
Combined Budgets:	
Combined WSLH:	
Combined Total:	\$0.00

Funding					
Organization	Source	Type	Amount	Start Date	End Date

7/25/2024

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