General Project Information

Project ID: L/LF02-44000-12D

Name: OUTAGAMIE COUNTY: Ashwaubenon Creek Sediment

Type: NPS Grant

Subtype: Total Maximum Daily Load

Status: COMPLETE

Start Date: 1/1/2012 **End Date:** 12/31/2015

Purpose: Cost-share efforts by private landowners within the Dutchman Creek watershed to control agricultural nonpoint sources of

pollution through the installation of Best Management Practices (BMPs) targeting sediment and nutrient loading and to address violations of the NR 151 Agricultural Performance Standards and Prohibitions relating to: manure storage facilities-new/significant alterations, manure storage facilities-closure, manure storage facilities-existing failing/leaking, clean water diversions, nutrient management, prevention of overflow from manure storage facilities, prevention of unconfined manure piles in water quality management areas, and prevention of direct runoff from a feedlot or stored manure into waters of the

state.

Objective:

Comments: Grantee is OUTAGAMIE COUNTY

Outcome:

Study Design:

QA Measures	:								
People									
Name		Role	Sta	atus	Start Date	End Date	Organizatio	n	Comments
Project State	uses								
Date	Reported B	Ву	Status	5		Comment	ts		
Actions									
Action			Detaile	d Description	on		Start Date	End Date	Status
Runoff Grant -	TMDL		Mark Ve	erhasselt			1/1/2012	7/20/2015	COMPLETE
Details:	Parameter		Val	lue/Amount		Units	Cor	mments	
	Clean Water WQMA: Num units for diver	ber of animal							
	Clean Water WQMA: Num diversions	Diversions in ber of farms w	vith						
	Clean Water WQMA: Pollu reduction								
	Developed U (Please Spec	rban Areas: Oticify)	ther						
	Fueling and M Areas: Oily sl	Maintenance neen presence)						
	Infiltration: % stay-on volun	Pre-developm ne	nent						

Details:	Parameter	Value/Amount	Units	Comments
	Infiltration: Cubic feet stay-on volume			
	Manure Storage Facilities: Number of animal units	865		AUs
	Manure Storage Facilities: Number of animal units for failing facilities			
	Manure Storage Facilities: Number of closed facilities			
	Manure Storage Facilities: Number of failing/leaking facilities			
	Manure Storage Facilities: Number of new/altered facilities	1		Facility
	NR 216: 20-40% Reduction in TSS - % reduction			
	NR 216: 20-40% Reduction in TSS - Pounds reduced			
	Nutrient Management on Agricultural Land: Acres planned	4239		Acres
	Peak Flow Discharge: Change in cubic feet per second			
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of Facilities	1		Facility
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of animal units	840		AUs
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Pollutant load reduction			
	Prohibition: Manure Storage Overflow: Number of animal units			
	Prohibition: Manure Storage Overflow: Number of farms			
	Prohibition: Unconfired Manure Pile in WQMA: Number of farms	1		Farm
	Prohibition: Unlimited Livestock Access: Feet of bank protected			
	Prohibition: Unlimited Livestock Access: Number of farms			OTHER: Heavy use area protection, Waste transfer systems, Wastewater treatment strips
	Protective Areas: Feet of bank protected			
	Sheet, rill and wind erosion: Acres meeting "T"			
	Streambanks: Feet of bank protected			

Details:	Parameter	Value/Amount	Units	Coi	mments			
	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							
unoff Grant -	TMDL	Peter VanRossum		1/1/2012	12/31/2014	COMPLETE		
Details:	Parameter	Value/Amount	Units	Соі	mments			
	Clean Water Diversions in WQMA: Number of animal units for diversions							
	Clean Water Diversions in WQMA: Number of farms w diversions	rith						
	Clean Water Diversions in WQMA: Pollutant load reduction							
	Developed Urban Areas: O (Please Specify)	ther						
	Fueling and Maintenance Areas: Oily sheen presence							
	Infiltration: % Pre-development stay-on volume							
	Infiltration: Cubic feet stay-ovolume	on						
	Manure Storage Facilities: Number of animal units							
	Manure Storage Facilities: Number of animal units for failing facilities							
	Manure Storage Facilities: Number of closed facilities							
	Manure Storage Facilities: Number of failing/leaking facilities							
	Manure Storage Facilities: Number of new/altered facilities							
	NR 216: 20-40% Reduction TSS - % reduction	in						
	NR 216: 20-40% Reduction TSS - Pounds reduced	in						
	Nutrient Management on Agricultural Land: Acres planned							
	Peak Flow Discharge: Char in cubic feet per second	nge						
	Prohibition: Direct Runoff fr Feedlot/Stored Manure: Number of Facilities	om 1		Fac	ility			

Details:	Parameter	Value/Amount	Units	Con	nments	
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of animal units	om 6		AUs		
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Pollutant load reduction	om 3		lbs		
	Prohibition: Manure Storage Overflow: Number of anima units					
	Prohibition: Manure Storage Overflow: Number of farms)				
	Prohibition: Unconfired Mar Pile in WQMA: Number of farms	ure				
	Prohibition: Unlimited Livestock Access: Feet of b protected	ank				
	Prohibition: Unlimited Livestock Access: Number farms	of				
	Protective Areas: Feet of baprotected	nk				
	Sheet, rill and wind erosion Acres meeting "T"					
	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					
Runoff Grant -	TMDL	Stephen Romenesko		1/1/2012	12/31/2015	COMPLETE
Details:	Parameter	Value/Amount	Units	Con	nments	
	Clean Water Diversions in WQMA: Number of animal units for diversions					
	Clean Water Diversions in WQMA: Number of farms w diversions	ith				
	Clean Water Diversions in WQMA: Pollutant load reduction					
	Developed Urban Areas: O (Please Specify)	her				
	Fueling and Maintenance Areas: Oily sheen presence					
	Infiltration: % Pre-developm stay-on volume					
	Infiltration: Cubic feet stay-ovolume	on				

Details:	Parameter	Value/Amount	Units	Comments
	Manure Storage Facilities: Number of animal units			
	Manure Storage Facilities: Number of animal units for failing facilities			
	Manure Storage Facilities: Number of closed facilities			
	Manure Storage Facilities: Number of failing/leaking facilities			
	Manure Storage Facilities: Number of new/altered facilities			
	NR 216: 20-40% Reduction in TSS - % reduction			
	NR 216: 20-40% Reduction in TSS - Pounds reduced			
	Nutrient Management on Agricultural Land: Acres planned			
	Peak Flow Discharge: Change in cubic feet per second			
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of Facilities			
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of animal units			
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Pollutant load reduction			
	Prohibition: Manure Storage Overflow: Number of animal units			
	Prohibition: Manure Storage Overflow: Number of farms			
	Prohibition: Unconfired Manure Pile in WQMA: Number of farms			
	Prohibition: Unlimited Livestock Access: Feet of bank protected			
	Prohibition: Unlimited Livestock Access: Number of farms			
	Protective Areas: Feet of bank protected			
	Sheet, rill and wind erosion: Acres meeting "T"			
	Streambanks: Feet of bank protected			
	Streambanks: Tons of bank erosion reduced			

Details:	Parameter	Value/Amount	Units	Con	nments	
	non NR 216: 20-40% Reduction in TSS - % reduction					
	non NR 216: 20-40% Reduction in TSS - Pounds reduced	3				
Grant Awarde	d			1/1/2012	12/31/2014	COMPLETE
Runoff Grant -	TMDL	Michael DeCoster		1/1/2012	1/7/2016	COMPLETE
Details:	Parameter	Value/Amount	Units	Cor	nments	
	Clean Water Diversions in WQMA: Number of animal units for diversions					
	Clean Water Diversions in WQMA: Number of farms v diversions	vith				
	Clean Water Diversions in WQMA: Pollutant load reduction					
	Developed Urban Areas: C (Please Specify)	other				
	Fueling and Maintenance Areas: Oily sheen presence	e				
	Infiltration: % Pre-developmestay-on volume	nent				
	Infiltration: Cubic feet stay-volume	on				
	Manure Storage Facilities: Number of animal units					
	Manure Storage Facilities: Number of animal units for failing facilities					
	Manure Storage Facilities: Number of closed facilities					
	Manure Storage Facilities: Number of failing/leaking facilities					
	Manure Storage Facilities: Number of new/altered facilities					
	NR 216: 20-40% Reduction TSS - % reduction	ı in				
	NR 216: 20-40% Reduction TSS - Pounds reduced	ı in				
	Nutrient Management on Agricultural Land: Acres planned					
	Peak Flow Discharge: Cha in cubic feet per second	nge				
	Prohibition: Direct Runoff for Feedlot/Stored Manure: Number of Facilities	rom				

Details:	Parameter	Value/Amount	Units	Co	mments	
	Prohibition: Direct Runoff fro Feedlot/Stored Manure: Number of animal units	m				
	Prohibition: Direct Runoff fro Feedlot/Stored Manure: Pollutant load reduction	m				
	Prohibition: Manure Storage Overflow: Number of animal units					
	Prohibition: Manure Storage Overflow: Number of farms					
	Prohibition: Unconfired Man Pile in WQMA: Number of farms	ure				
	Prohibition: Unlimited Livestock Access: Feet of ba protected	ank				
	Prohibition: Unlimited Livestock Access: Number of farms	ıf				
	Protective Areas: Feet of ba protected	nk				
	Sheet, rill and wind erosion: Acres meeting "T"					
	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					
Runoff Grant -	TMDL	Michael VanAsten		1/1/2012	1/7/2016	COMPLETE
Details:	Parameter	Value/Amount	Units	Co	mments	
	Clean Water Diversions in WQMA: Number of animal units for diversions					
	Clean Water Diversions in WQMA: Number of farms wi diversions	th				
	Clean Water Diversions in WQMA: Pollutant load reduction					
	Developed Urban Areas: Otl (Please Specify)	ner				
	Fueling and Maintenance Areas: Oily sheen presence					
	Infiltration: % Pre-developme stay-on volume	ent				
	Infiltration: Cubic feet stay-o volume	n				

Details:	Parameter	Value/Amount	Units	Comments
	Manure Storage Facilities: Number of animal units			
	Manure Storage Facilities: Number of animal units for failing facilities			
	Manure Storage Facilities: Number of closed facilities			
	Manure Storage Facilities: Number of failing/leaking facilities			
	Manure Storage Facilities: Number of new/altered facilities			
	NR 216: 20-40% Reduction in TSS - % reduction			
	NR 216: 20-40% Reduction in TSS - Pounds reduced			
	Nutrient Management on Agricultural Land: Acres planned			
	Peak Flow Discharge: Change in cubic feet per second			
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of Facilities			
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of animal units			
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Pollutant load reduction			
	Prohibition: Manure Storage Overflow: Number of animal units			
	Prohibition: Manure Storage Overflow: Number of farms			
	Prohibition: Unconfired Manure Pile in WQMA: Number of farms			
	Prohibition: Unlimited Livestock Access: Feet of bank protected			
	Prohibition: Unlimited Livestock Access: Number of farms			
	Protective Areas: Feet of bank protected			
	Sheet, rill and wind erosion: Acres meeting "T"			
	Streambanks: Feet of bank protected			
	Streambanks: Tons of bank erosion reduced			

Details:	Parameter	Value/Amount	Units	Cor	nments	
	non NR 216: 20-40% Reduction in TSS - % reduction					
	non NR 216: 20-40% Reduction in TSS - Pounds reduced					
unoff Grant -	TMDL	Scott VandenBerg		1/1/2012	12/31/2015	COMPLETE
Details:	Parameter	Value/Amount	Units	Cor	nments	
	Clean Water Diversions in WQMA: Number of animal units for diversions					
	Clean Water Diversions in WQMA: Number of farms w diversions	ith				
	Clean Water Diversions in WQMA: Pollutant load reduction					
	Developed Urban Areas: Of (Please Specify)	her				
	Fueling and Maintenance Areas: Oily sheen presence					
	Infiltration: % Pre-developm stay-on volume	ent				
	Infiltration: Cubic feet stay-ovolume	on				
	Manure Storage Facilities: Number of animal units					
	Manure Storage Facilities: Number of animal units for failing facilities					
	Manure Storage Facilities: Number of closed facilities					
	Manure Storage Facilities: Number of failing/leaking facilities					
	Manure Storage Facilities: Number of new/altered facilities					
	NR 216: 20-40% Reduction TSS - % reduction	in				
	NR 216: 20-40% Reduction TSS - Pounds reduced	in				
	Nutrient Management on Agricultural Land: Acres planned					
	Peak Flow Discharge: Char in cubic feet per second	ge				
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of Facilities	om				
	Prohibition: Direct Runoff fro Feedlot/Stored Manure: Number of animal units	om				

Details:	Parameter	Value/Amount	Units	Co	mments	
	Prohibition: Direct Runoff fro Feedlot/Stored Manure: Pollutant load reduction	m				
	Prohibition: Manure Storage Overflow: Number of animal units					
	Prohibition: Manure Storage Overflow: Number of farms					
	Prohibition: Unconfired Manu Pile in WQMA: Number of farms	ure				
	Prohibition: Unlimited Livestock Access: Feet of ba protected	nnk				
	Prohibition: Unlimited Livestock Access: Number of farms	f				
	Protective Areas: Feet of bar protected	nk				
	Sheet, rill and wind erosion: Acres meeting "T"					
	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					
Runoff Grant -	TMDL	James Early		1/1/2012	9/4/2014	COMPLETE
Details:	Parameter	Value/Amount	Units	Со	mments	
	Clean Water Diversions in WQMA: Number of animal units for diversions					
	Clean Water Diversions in WQMA: Number of farms with diversions	th				
	Clean Water Diversions in WQMA: Pollutant load reduction					
	Developed Urban Areas: Oth (Please Specify)	ner				
	Fueling and Maintenance Areas: Oily sheen presence					
	Infiltration: % Pre-developme stay-on volume	ent				
	Infiltration: Cubic feet stay-or volume	n				
	Manure Storage Facilities: Number of animal units					

Details:	Parameter	Value/Amount	Units	Comments
	Manure Storage Facilities: Number of animal units for failing facilities			
	Manure Storage Facilities: Number of closed facilities			
	Manure Storage Facilities: Number of failing/leaking facilities			
	Manure Storage Facilities: Number of new/altered facilities			
	NR 216: 20-40% Reduction in TSS - % reduction			
	NR 216: 20-40% Reduction in TSS - Pounds reduced			
	Nutrient Management on Agricultural Land: Acres planned	77		Acres
	Peak Flow Discharge: Change in cubic feet per second			
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of Facilities	1		Facility
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of animal units	24		AUs
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Pollutant load reduction	36		lbs
	Prohibition: Manure Storage Overflow: Number of animal units			
	Prohibition: Manure Storage Overflow: Number of farms			
	Prohibition: Unconfired Manure Pile in WQMA: Number of farms			
	Prohibition: Unlimited Livestock Access: Feet of bank protected			
	Prohibition: Unlimited Livestock Access: Number of farms			
	Protective Areas: Feet of bank protected			
	Sheet, rill and wind erosion: Acres meeting "T"			
	Streambanks: Feet of bank protected			
	Streambanks: Tons of bank erosion reduced			
	non NR 216: 20-40% Reduction in TSS - % reduction			

Details:	Parameter	Value/Amount	Units	Co	mments	
	non NR 216: 20-40% Reduction in TSS - Pounds reduced					
unoff Grant -	TMDL	Gerald VanGroll		1/1/2012	11/17/2014	COMPLETE
Details:	Parameter	Value/Amount	Units	Co	mments	
	Clean Water Diversions in WQMA: Number of animal units for diversions					
	Clean Water Diversions in WQMA: Number of farms w diversions	ith				
	Clean Water Diversions in WQMA: Pollutant load reduction					
	Developed Urban Areas: O (Please Specify)	her				
	Fueling and Maintenance Areas: Oily sheen presence					
	Infiltration: % Pre-developm stay-on volume					
	Infiltration: Cubic feet stay-ovolume	on				
	Manure Storage Facilities: Number of animal units					
	Manure Storage Facilities: Number of animal units for failing facilities					
	Manure Storage Facilities: Number of closed facilities					
	Manure Storage Facilities: Number of failing/leaking facilities					
	Manure Storage Facilities: Number of new/altered facilities					
	NR 216: 20-40% Reduction TSS - % reduction	in				
	NR 216: 20-40% Reduction TSS - Pounds reduced	in				
	Nutrient Management on Agricultural Land: Acres planned					
	Peak Flow Discharge: Char in cubic feet per second	nge				
	Prohibition: Direct Runoff fr Feedlot/Stored Manure: Number of Facilities	om				
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of animal units	om				
	Prohibition: Direct Runoff from Feedlot/Stored Manure: Pollutant load reduction	m				

Details:	s: Parameter		Value/Amo		t Units			Comments		
	Prohibition: Manure Storage Overflow: Number of animal units									
	Prohibition: Manure Storage Overflow: Number of farms									
	Prohibitio Pile in Wo farms		onfired Manu umber of	ıre						
	Prohibition: Unlimited Livestock Access: Feet of bank protected			ınk						
	Prohibition: Unlimited Livestock Access: Number of farms			f						
	Protective Areas: Feet of bank protected Sheet, rill and wind erosion: Acres meeting "T"			nk						
	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					Co	omments			
Assessment	Units									
WBIC	S	egmen	Local	Name			Official N	lame		
Lab Accoun	t Codes									
Account Code	Account Code Description							Start Date	End Date	
Forms										
Form Code	Form Code		Form Name							
Methods										
Method Code Method Descrip			cription							
Fieldwork Events										
Start Date	Status		Fie	ld ID	Station ID	Station Name				
Documents										_

Title	Description	Author	Published	Comments
Ashwaubenon Creek Sediment - Gerald VanGroll, Final Report		Gregory Baneck	11/17/2015	
Ashwaubenon Creek Sediment - James Early, Final Report		Jim Poweleit	9/4/2014	
Ashwaubenon Creek Sediment - Mark Verhasselt Final Report		Greg Baneck	7/20/2015	
Ashwaubenon Creek Sediment - Michael DeCoster Final Report		Gregory Baneck	1/7/2016	
Ashwaubenon Creek Sediment - Michael VanAsten, Final Report		Gregory Baneck	1/7/2016	
Ashwaubenon Creek Sediment - Peter VanRossum, Final Report		Elly Magdanz	11/17/2014	
Ashwaubenon Creek Sediment - Scott VandenBerg Final Report		Gregory Baneck	1/28/2016	
Ashwaubenon Creek Sediment - Stephen Romenesko Final Report		Gregory Baneck	11/13/2015	

Budget

Combined Budgets: Combined WSLH:

Combined Total: \$0.00

Funding					
Organization	Source	Туре	Amount	Start Date	End Date