



# Grant All-Detail Report Projects and Practices 2014

**Grant Title** - Zippel Watershed Sidewater Inlets

**Grant ID** - C14-9342

**Organization** - Lake of the Woods SWCD

<b>Grant Awarded Amount</b>	<b>\$61,000.00</b>	<b>Grant Execution Date</b>	
<b>Required Match Amount</b>	\$15,250.00	<b>Grant End Date</b>	12/31/2016
<b>Required Match %</b>	25%	<b>Grant Day To Day Contact</b>	Corryn Trask

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$61,000.00	\$37,271.74	\$23,728.26
Total Match Amount	\$15,250.00	\$8,621.33	\$6,628.67
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$76,250.00</b>	<b>\$45,893.07</b>	<b>\$30,356.93</b>

*\*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.*

### Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Installation of 10 sidewater inlets	Conservation Drainage	Current State Grant	Zippel Watershed Sidewater Inlets	\$35,000.00	\$22,863.96	8/31/2017	N
Installation of 10 sidewater inlets	Conservation Drainage	Local Fund	County Public Works Department	\$13,500.00	\$7,621.33	8/10/2017	Y
Project oversight, communications and coordination	Administration /Coordination	Current State Grant	Zippel Watershed Sidewater Inlets	\$5,000.00	\$5,072.08	11/30/2017	N
Project oversight, communications and coordination	Administration /Coordination	Federal Funds	NRCS staff assistance	\$1,750.00	\$1,000.00	12/31/2014	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Sidewater inlet survey, design and installation	Technical/Engineering Assistance	Current State Grant	Zippel Watershed Sidewater Inlets	\$21,000.00	\$9,335.70	11/30/2017	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
148M - Erosion Control	5	5	5 COUNT	5 COUNT

### Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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### Final Indicators Summary

Indicator Name	Total Value	Unit
<b>SEDIMENT (TSS)</b>	91.90	TONS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	105.65	LBS/YR
<b>SOIL (EST. SAVINGS)</b>	91.90	TONS/YR

## Grant Activity

Grant Activity - Installation of 10 sidewater inlets	
Description	PWD staff will install and replace sidewater inlets
Category	CONSERVATION DRAINAGE
Start Date	End Date
Has Rates and Hours?	No
Actual Results	As of 12/31/15 - no installation has occurred.  Summer of 2016. Installation of 5 sidewater inlets. After site inspections were completed by the JPB staff it was determined that additional work was needed (some due to wet conditions on site). Additional work was completed in summer of 2017 and Engineer certified the practices.

Activity Action - Sidewater Inlets			
Practice	148M - Erosion Control	Count of Activities	5
Description	sidewater inlets on CD1		
Proposed Size / Units	5.00 COUNT	Lifespan	10 Years
Actual Size/Units	5.00 COUNT	Installed Date	11-Aug-17
Mapped Activities	5 Line(s)		

Final Indicator for Sidewater Inlets			
Indicator Name	SOIL (EST. SAVINGS)	Value	91.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Ditch 1 - Zippel		

Final Indicator for Sidewater Inlets			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	105.65
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Ditch 1 - Zippel		

Final Indicator for Sidewater Inlets			
Indicator Name	SEDIMENT (TSS)	Value	91.9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Ditch 1 - Zippel		

### Grant Activity - Project oversight, communications and coordination

<b>Description</b>	SWCD staff will maintain communications between landowners, PWD staff, JPB staff and NRCS staff. SWCD staff will coordinate with regulatory authorities to ensure that all projects meet permitting requirements. SWCD staff will complete all required workplan changes, reporting. Reporting will also include monitoring of budget expenditures and making sure that project is proceeding as scheduled.	
<b>Category</b>	ADMINISTRATION/COORDINATION	
<b>Start Date</b>		<b>End Date</b>
<b>Has Rates and Hours?</b>	Yes	
<b>Actual Results</b>	As of 12/31/15 - reporting, time tracking and grant management activities including completing annual eLink reporting. JPB invoice received and processed. General correspondence for the grant and management activities. NRCS contribution includes assisting with archived documents of PL-566 project on CD1, GIS assistance and field office technical guide assistance. As of 12/31/16 - 5 sidewater inlets are installed. SWCD staff has visited each installation site to assist JPB with final certification.	

### Grant Activity - Sidewater inlet survey, design and installation

<b>Description</b>	SWCD and JPB staff will work together to complete the survey, design and installation for 10 sidewater inlets to be replaced. The engineering designs for the sidewater inlets will be approved by NC MN JPB Engineer, Bill Westerburg, P.E. Work will include design using NRCS sidewater inlet standards, and review of land use and LiDAR data. SWCD staff will work with landowners to incorporate buffers and water retention into the design plans.	
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE	
<b>Start Date</b>		<b>End Date</b>
<b>Has Rates and Hours?</b>	Yes	
<b>Actual Results</b>	As of 12/31/15 - located, mapped, created contributing watershed maps using LiDAR and surveyed 6 sidewater inlets. Two meetings with JPB engineering staff to discuss project and timeframes. Sidewater inlet inventory shapefile created. SWCD staff met with Hwy Dept staff to review projects.	

### Grant Attachments

Document Name	Document Type	Description
<b>2014 Competitive Grant</b>	Grant Agreement	2014 Competitive Grant - Lake of the Woods SWCD

Document Name	Document Type	Description
<b>2014 Competitive Grant executed</b>	Grant Agreement	2014 Competitive Grant - Lake of the Woods SWCD
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/26/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 12/20/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 12/20/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 12/19/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/20/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/27/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/21/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/31/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/26/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/02/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/25/2016
<b>Amendment</b>	Grant	Zippel Watershed Sidewater Inlets
<b>Amendment</b>	Grant	Zippel Watershed Sidewater Inlets
<b>SR_loc_11530.jpg</b>	Grant	Zippel Watershed Sidewater Inlets
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 03/27/2014
<b>Work Plan</b>	Workflow Generated	Workflow Generated - Work Plan - 01/23/2014
<b>culvert deterioration.jpg</b>	Grant	Zippel Watershed Sidewater Inlets
<b>financial report</b>	Grant	Zippel Watershed Sidewater Inlets
<b>grantmap_9998_2013-10-04_10-25-15-AM.jpg</b>	Grant	Zippel Watershed Sidewater Inlets