



Grant All-Detail Report Cost Share 2018

Grant Title - 2018 - State Cost-Share Fund (St Louis, North SWCD)

Grant ID - P18-1267

Organization - St Louis, North SWCD

Original Awarded Amount	\$8,550.00	Grant Execution Date	11/8/2017
Required Match Amount	\$2,137.50	Original Grant End Date	12/31/2020
Required Match %	25%	Grant Day To Day Contact	Anita Provinzino
Current Awarded Amount	\$8,550.00	Current End Date	12/31/2020

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$8,550.00	\$8,550.00	\$0.00
Total Match Amount	\$493.40	\$493.40	\$0.00
Total Other Funds	\$99,995.12	\$87,483.36	\$12,511.76
Total	\$109,038.52	\$96,526.76	\$12,511.76

**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
2017 Sediment Reduction	Streambank or Shoreline Protection	Other Funds	2017 - State Cost-Share Fund (St Louis, North SWCD)	\$822.84	\$822.84	10/15/2019	N
2017 Sediment Reduction	Streambank or Shoreline Protection	Other Funds	Landowner (MS) cash	\$3,384.64	\$3,384.64	10/15/2019	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Riparian Zone Management 2017 - Cost Share Assistance	Streambank or Shoreline Protection	Other Funds	2017 - SWCD Local Capacity Services (St Louis, North SWCD)	\$9,903.00	\$9,903.41	11/14/2019	N
Riparian Zone Management 2017 - Cost Share Assistance	Streambank or Shoreline Protection	Other Funds	cash	\$3,384.64	\$3,384.64	10/14/2019	Y
Riparian Zone Management 2018- Cost Share	Streambank or Shoreline Protection	Other Funds	2018 - SWCD Local Capacity Services (St Louis, North SWCD)	\$26,000.00	\$15,387.54	8/20/2020	N
Riparian Zone Management 2018- Cost Share	Streambank or Shoreline Protection	Other Funds	25% Cost Share Match	\$6,500.00	\$5,303.81	8/20/2020	Y
Sediment Reduction Project	Streambank or Shoreline Protection	Current State Grant	2018 - State Cost-Share Fund (St Louis, North SWCD)	\$1,386.65	\$1,386.65	10/15/2019	N
Stormwater Management	Urban Stormwater Management Practices	Other Funds	Lake Vermilion Community Partners	\$50,000.00	\$49,296.48	12/31/2019	N
Stormwater Runoff Control Project	Urban Stormwater Management Practices	Current State Grant	2018 - State Cost-Share Fund (St Louis, North SWCD)	\$3,479.75	\$3,479.75	12/11/2019	N
Technical Assistance	Technical/Engineering Assistance	Current State Grant	2018 - State Cost-Share Fund (St Louis, North SWCD)	\$1,710.00	\$1,710.00	7/20/2020	N
Tree & Shrub Establishment Project	Streambank or Shoreline Protection	Current State Grant	2018 - State Cost-Share Fund (St Louis, North SWCD)	\$1,973.60	\$1,973.60	8/20/2020	N
Tree & Shrub Establishment Project	Streambank or Shoreline Protection	Landowner Fund	2018 - State Cost-Share Fund (St Louis, North SWCD)	\$493.40	\$493.40	8/20/2020	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
580 - Streambank and Shoreline Protection	1	4	335 LINEAR FEET	335 LINEAR FEET
412 - Grassed Waterway and Swales	1		150 LINEAR FEET	150 LINEAR FEET
362 - Diversion	1		442 LINEAR FEET	442 LINEAR FEET
612 - Tree/Shrub Establishment	1		354 COUNT	354 COUNT
412 - Grassed Waterway and Swales	1		250 LINEAR FEET	350 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	35 LINEAR FEET	35 LINEAR FEET
362 - Diversion	1	1	1 COUNT	1 COUNT
350 - Sediment Basin	1		1 COUNT	1 COUNT
638 - Water and Sediment Control Basin	1		1 COUNT	1 COUNT
561 - Heavy Use Area Protection	1		0.45 AC	0.45 AC

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
SOIL (EST. SAVINGS)	68.85	TONS/YR
SEDIMENT (TSS)	51.15	TONS/YR
Total Suspended Solids (TSS)	9.72	Mg/L
PHOSPHORUS (EST. REDUCTION)	52.65	LBS/YR

Grant Activity

Grant Activity - Sediment Reduction Project			
Description	Sediment reduction project on Lake Vermilion - Linked to 17 Capacity and 17 Cost Share		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Jan-18	End Date	16-Oct-19
Has Rates and Hours?	No		
Actual Results	See linked report		

Grant Activity - Stormwater Runoff Control Project			
Description	Stormwater Runoff on rural property on Lake Vermilion		
Category	URBAN STORMWATER MANAGEMENT PRACTICES		
Start Date	1-Jan-18	End Date	11-Dec-19
Has Rates and Hours?	No		
Actual Results	See linked report		

Grant Activity - Technical Assistance			
Description	Technical assistance provided to landowners		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Jan-18	End Date	
Has Rates and Hours?	No		
Actual Results	See linked reports in 16 Lake Vermilion Community Partners, 17 Cost Share and 17 Local Capacity		

Grant Activity - Tree & Shrub Establishment Project			
Description	Complete construction and planting of shoreline restoration project on 3 adjoining properties on Birch Lake near Babbitt		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	6-Jul-20	End Date	20-Aug-20
Has Rates and Hours?	No		
Actual Results	Severe shoreline erosion was restored by removing existing cribbing, installing 335 feet of coir logs and planting 354 native plants for 3 adjacent land occupiers on Birch Lake near Babbitt.		

Activity Action - Tree/Shrub Establishment			
Practice	612 - Tree/Shrub Establishment	Count of Activities	1
Description	48 Alternate Monkey Flower 48 Blue Vervain 72 Red Osier Dogwood 36 Large Leaved Aster 93 Bush Honeysuckle 57 Snowberry		
Proposed Size / Units	354.00 COUNT	Lifespan	10 Years
Actual Size/Units	354.00 COUNT	Installed Date	20-Aug-20
Mapped Activities	No	Technical Assistance Provider	TSA

Activity Action - Coir Log Installation			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Coconut Coir Log Roll per MNDOT specification 3897.C		
Proposed Size / Units	335.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	335.00 LINEAR FEET	Installed Date	20-Aug-20
Mapped Activities	4 Line(s)	Technical Assistance Provider	TSA

Final Indicator for Coir Log Installation			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	29.45
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Birch Lake near Babbitt		

Final Indicator for Coir Log Installation			
Indicator Name	SOIL (EST. SAVINGS)	Value	34.65
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Birch Lake near Babbitt		
Final Indicator for Coir Log Installation			
Indicator Name	SEDIMENT (TSS)	Value	34.65
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Birch Lake near Babbitt		

Grant Attachments

Document Name	Document Type	Description
2018/2019 Programs and Operations Grants	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - St Louis, North SWCD
2018/2019 Programs and Operations Grants executed	Grant Agreement	2018/2019 SWCD Programs and Operations Grants - St Louis, North SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/14/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 09/14/2020
Before - Birch Lake	Grant	2018 - State Cost-Share Fund (St Louis, North SWCD)
Board Signatory Resolution	Grant	2018 - State Cost-Share Fund (St Louis, North SWCD)
Coir Log Install close up - Birch Lake	Grant	2018 - State Cost-Share Fund (St Louis, North SWCD)
Coir Log Installation - Birch Lake	Grant	2018 - State Cost-Share Fund (St Louis, North SWCD)
Contract w/landowners Birch Lake	Grant	2018 - State Cost-Share Fund (St Louis, North SWCD)
Final Financial Report	Grant	2018 - State Cost-Share Fund (St Louis, North SWCD)
Payment Voucher	Grant	2018 - State Cost-Share Fund (St Louis, North SWCD)
Pollution Reduction Worksheet	Grant	2018 - State Cost-Share Fund (St Louis, North SWCD)
Record Drawing	Grant	2018 - State Cost-Share Fund (St Louis, North SWCD)

Document Name	Document Type	Description
Restored Shoreline & Planting - Birch Lake	Grant	2018 - State Cost-Share Fund (St Louis, North SWCD)