



# Grant All-Detail Report

## Buffer Cost Share 2018

**Grant Title** - 2018 - Buffer Cost Share (Root River SWCD)

**Grant ID** - P18-7847

**Organization** - Root River SWCD

<b>Original Awarded Amount</b>	<b>\$25,000.00</b>	<b>Grant Execution Date</b>	<b>7/17/2017</b>
<b>Required Match Amount</b>	\$0.00	<b>Original Grant End Date</b>	12/31/2019
<b>Required Match %</b>	0%	<b>Grant Day To Day Contact</b>	Janice Messner
<b>Current Awarded Amount</b>	<b>\$25,000.00</b>	<b>Current End Date</b>	12/31/2019

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$19,521.00	\$2,682.00	\$22,318.00
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$19,521.00</b>	<b>\$2,682.00</b>	<b>\$22,318.00</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
Critical Area Planting Installation	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Root River SWCD)	\$17,901.00	\$1,062.00	6/14/2018	N
Forage & Biomass Plantings	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Root River SWCD)	\$1,620.00	\$1,620.00	7/12/2018	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
342 - Critical Area Planting	1	2	0.4 AC	0.4 AC
342 - Critical Area Planting	1	1	0.6 AC	0.6 AC
342 - Critical Area Planting	1	13	1.14 AC	1.14 AC
342 - Critical Area Planting	1	4	0.2 AC	0.2 AC
512 - Forage and Biomass Planting	1	1	3 AC	3 AC
342 - Critical Area Planting	1	2	1.2 AC	1.2 AC
512 - Forage and Biomass Planting	1	1	2.4 AC	2.4 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
<b>SOIL (EST. SAVINGS)</b>	3.48	TONS/YR
<b>SEDIMENT (TSS)</b>	96.15	TONS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	153.36	LBS/YR

## Grant Activity

Grant Activity - Critical Area Planting Installation			
<b>Description</b>	Cost-share for landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. Section 7 of the FY18 Clean Water Fund Policy will be followed.		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	17-Jul-17	<b>End Date</b>	09-May-19
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	<p>During CY17 no funds have been expended. To date \$900 has been allocated to spring/summer 2018 projects.</p> <p>CY18 \$1,062 was disbursed to a total of seven landowners. Seven parcels totaling 3.54 acres have been seeded and brought into compliance via critical area plantings. \$16,839 is unallocated.</p> <p>CY19 no activity during first quarter. Funds in the amount of \$16,839 being returned in May 2019 and grant is being closed out.</p>		

Activity Action - Thom, S.			
<b>Practice</b>	342 - Critical Area Planting	<b>Count of Activities</b>	1
<b>Description</b>	Critical area planting is being installed to meet state buffer law requirements. Three parcels (070190001, 070189000, 070178000).		
<b>Proposed Size / Units</b>	0.40 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	0.40 AC	<b>Installed Date</b>	14-Jun-18
<b>Mapped Activities</b>	2 Polygon(s)		

Final Indicator for Thom, S.			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	33.01
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (FILTER STRIP)
<b>Waterbody</b>	Winnebago Creek		
Final Indicator for Thom, S.			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	20.34
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (FILTER STRIP)
<b>Waterbody</b>	Winnebago Creek		

Final Indicator for Thom, S.			
Indicator Name	SOIL (EST. SAVINGS)	Value	0.11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Winnebago Creek		

Activity Action - Lee, J.			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Critical area planting is being installed to meet state buffer law requirements. One parcel (170262000).		
Proposed Size / Units	0.20 AC	Lifespan	10 Years
Actual Size/Units	0.20 AC	Installed Date	14-Jun-18
Mapped Activities	4 Polygon(s)		

Final Indicator for Lee, J.			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8.59
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	South Fork Root River		

Final Indicator for Lee, J.			
Indicator Name	SEDIMENT (TSS)	Value	5.87
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	South Fork Root River		

Final Indicator for Lee, J.			
Indicator Name	SOIL (EST. SAVINGS)	Value	0.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	South Fork Root River		

Activity Action - Peterson, D.			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Critical area planting is being installed to meet state buffer law requirements. One parcel (170339000).		
Proposed Size / Units	1.14 AC	Lifespan	10 Years
Actual Size/Units	1.14 AC	Installed Date	14-Jun-18
Mapped Activities	13 Polygon(s)		

Final Indicator for Peterson, D.			
Indicator Name	SOIL (EST. SAVINGS)	Value	.46
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	South Fork Root River		

Final Indicator for Peterson, D.			
Indicator Name	SEDIMENT (TSS)	Value	40.27
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	South Fork Root River		
Final Indicator for Peterson, D.			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	61.47
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	South Fork Root River		

Activity Action - Beckman, J.			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Critical area planting is being installed to meet state buffer law requirements. One parcel (100252000).		
Proposed Size / Units	0.60 AC	Lifespan	10 Years
Actual Size/Units	0.60 AC	Installed Date	14-Jun-18
Mapped Activities	1 Polygon(s)		

Final Indicator for Beckman, J.			
Indicator Name	SOIL (EST. SAVINGS)	Value	.15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Root River		
Final Indicator for Beckman, J.			
Indicator Name	SEDIMENT (TSS)	Value	2.67
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Root River		
Final Indicator for Beckman, J.			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	5.34
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Root River		

Activity Action - Bonanza Grain			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Critical area planting is being installed to meet state buffer law requirements. One parcel (150322000).		
Proposed Size / Units	1.20 AC	Lifespan	10 Years
Actual Size/Units	1.20 AC	Installed Date	14-Jun-18
Mapped Activities	2 Polygon(s)		

Final Indicator for Bonanza Grain			
Indicator Name	SEDIMENT (TSS)	Value	4.93
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Bear Creek		
Final Indicator for Bonanza Grain			
Indicator Name	SOIL (EST. SAVINGS)	Value	.41
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Bear Creek		
Final Indicator for Bonanza Grain			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8.01
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Bear Creek		

Grant Activity - Forage & Biomass Plantings			
Description	Cost-share for landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. Section 7 of the FY18 Clean Water Fund Policy will be followed.		
Category	AGRICULTURAL PRACTICES		
Start Date	17-Jul-17	End Date	09-May-19
Has Rates and Hours?	No		
Actual Results	<p>CY18 Two parcels totaling 5.4 acres were brought into compliance with the state buffer law. Funds in the amount of \$1,620.00 has been disbursed.</p> <p>CY2019 no activity during first quarter. Unspent grant funds are being returned to BWSR in May 2019 \$16,839 and grant being closed out.</p>		

Activity Action - Flatten Sisters Farms			
Practice	512 - Forage and Biomass Planting	Count of Activities	1
Description	Forage and biomass planting is being installed to meet state buffer law requirements. One parcel (060005000)		
Proposed Size / Units	3.00 AC	Lifespan	10 Years
Actual Size/Units	3.00 AC	Installed Date	12-Jul-18
Mapped Activities	1 Polygon(s)		

Final Indicator for Flatten Sisters Farms			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	11.61
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)

<b>Waterbody</b>	Root River		
<b>Final Indicator for Flatten Sisters Farms</b>			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	.33
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (FILTER STRIP)
<b>Waterbody</b>	Root River		
<b>Final Indicator for Flatten Sisters Farms</b>			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	5.49
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (FILTER STRIP)
<b>Waterbody</b>	Root River		

<b>Activity Action - Peterson, P.</b>			
<b>Practice</b>	512 - Forage and Biomass Planting	<b>Count of Activities</b>	1
<b>Description</b>	Forage and biomass planting is being installed to meet state buffer law requirements. One parcel (170332000).		
<b>Proposed Size / Units</b>	2.40 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	2.40 AC	<b>Installed Date</b>	14-Jun-18
<b>Mapped Activities</b>	1 Polygon(s)		

<b>Final Indicator for Peterson, P.</b>			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	1.92
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (FILTER STRIP)
<b>Waterbody</b>	South Fork Root River		
<b>Final Indicator for Peterson, P.</b>			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	16.58
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (FILTER STRIP)
<b>Waterbody</b>	South Fork Root River		
<b>Final Indicator for Peterson, P.</b>			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	25.33
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (FILTER STRIP)
<b>Waterbody</b>	South Fork Root River		

## Grant Attachments

Document Name	Document Type	Description
<b>2018 Buffer Cost Share</b>	Grant Agreement	2018 Buffer Cost Share - Root River SWCD
<b>2018 Buffer Cost Share executed</b>	Grant Agreement	2018 Buffer Cost Share - Root River SWCD
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 06/12/2019

Document Name	Document Type	Description
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 12/29/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/01/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/22/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/16/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/29/2019
<b>Final Financial Report</b>	Grant	2018 - Buffer Cost Share (Root River SWCD)