



## Grant All-Detail Report Buffer Cost Share 2018

**Grant Title** - 2018 - Buffer Cost Share (Marshall SWCD)

**Grant ID** - P18-7725

**Organization** - Marshall SWCD

Original Awarded Amount	\$364,690.00	Grant Execution Date	7/11/2017
Required Match Amount	\$0.00	Original Grant End Date	12/31/2019
Required Match %	0%	Grant Day To Day Contact	Darren Carlson
Current Awarded Amount	\$364,690.00	Current End Date	12/31/2019

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$306,166.39	\$52,940.77	\$311,749.23
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$306,166.39</b>	<b>\$52,940.77</b>	<b>\$311,749.23</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
2018 Buffer Cost Share Funds - MCBCS Contracts 1 - 25	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$15,288.69	\$11,636.69	7/11/2019	N
2018 Buffer Cost Share Funds - MCBCS Contracts 101 - 125	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$5,540.00			N
2018 Buffer Cost Share Funds - MCBCS Contracts 126 - 150	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$6,720.00			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2018 Buffer Cost Share Funds - MCBCS Contracts 151 - 175	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$5,420.00	\$180.00	7/11/2019	N
2018 Buffer Cost Share Funds - MCBCS Contracts 176 - 200	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$12,360.00	\$800.00	7/11/2019	N
2018 Buffer Cost Share Funds - MCBCS Contracts 201 - 225	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$5,360.00	\$1,560.00	7/19/2019	N
2018 Buffer Cost Share Funds - MCBCS Contracts 226 - 250	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$8,400.00	\$900.00	10/25/2019	N
2018 Buffer Cost Share Funds - MCBCS Contracts 251 - 275	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$4,820.00	\$1,400.00	11/6/2019	N
2018 Buffer Cost Share Funds - MCBCS Contracts 26 - 50	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$46,723.30	\$9,627.35	10/3/2019	N
2018 Buffer Cost Share Funds - MCBCS Contracts 276 - 300	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$23,180.00	\$2,480.00	11/6/2019	N
2018 Buffer Cost Share Funds - MCBCS Contracts 301 - 325	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$6,580.00	\$1,980.00	9/30/2019	N
2018 Buffer Cost Share Funds - MCBCS Contracts 326 - 350	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$20,300.00	\$1,500.00	1/23/2020	N
2018 Buffer Cost Share Funds - MCBCS Contracts 351 - 375	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$3,160.00	\$940.00	9/27/2019	N
2018 Buffer Cost Share Funds - MCBCS Contracts 376 - 400	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$2,340.00	\$740.00	10/17/2019	N
2018 Buffer Cost Share Funds - MCBCS Contracts 401 - 425	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$640.00	\$640.00	11/26/2019	N
2018 Buffer Cost Share Funds - MCBCS Contracts 51 - 75	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$65,806.40	\$5,896.97	7/29/2019	N
2018 Buffer Cost Share Funds - MCBCS Contracts 76 - 100	Agricultural Practices	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$8,528.00	\$2,494.51	8/6/2019	N
2018 Buffer T/A	Technical/Engineering Assistance	Current State Grant	2018 - Buffer Cost Share (Marshall SWCD)	\$65,000.00	\$10,165.25	12/31/2019	N

## Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
393 - Filter Strip	1	2	1.5 AC	1 AC
393 - Filter Strip	4	4	2.3 AC	2.3 AC
393 - Filter Strip	3	4	0.6 AC	0.6 AC
410 - Grade Stabilization Structure	4	4	2 COUNT	2 COUNT
393 - Filter Strip	5	5	2 AC	2 AC
393 - Filter Strip	3	3	1.6 AC	1.6 AC
393 - Filter Strip	1	1	1.9 AC	1.9 AC
393 - Filter Strip	1	2	2.7 AC	2.7 AC
393 - Filter Strip	2	2	7 AC	7 AC
393 - Filter Strip	1	1	2.6 AC	2.6 AC
393 - Filter Strip	1	4	0.7 AC	0.7 AC
393 - Filter Strip	2	2	2.5 AC	2.5 AC
393 - Filter Strip	37	37	1 AC	1 AC
393 - Filter Strip	4	4	3 AC	3 AC
393 - Filter Strip	4	4	0.9 AC	0.9 AC
393 - Filter Strip	3	3	1.5 AC	1.5 AC
393 - Filter Strip	10	10	0.5 AC	0.5 AC
393 - Filter Strip	3	3	1.4 AC	1.4 AC
393 - Filter Strip	4	4	1.2 AC	1.2 AC
410 - Grade Stabilization Structure	4	4	4 COUNT	4 COUNT
393 - Filter Strip	1	1	1.1 AC	1.1 AC
393 - Filter Strip	3	3	1 AC	AC
393 - Filter Strip	2	2	0.3 AC	0.3 AC
393 - Filter Strip	1	1	0.5 AC	AC
393 - Filter Strip	2	2	1.3 AC	1.3 AC
410 - Grade Stabilization Structure	6	6	1 COUNT	1 COUNT
393 - Filter Strip	2	2	3.5 AC	3.5 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>SEDIMENT (TSS)</b>	336.50	TONS/YR
<b>SOIL (EST. SAVINGS)</b>	336.50	TONS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	379.70	LBS/YR

## Grant Activity

### Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 1 - 25

<b>Description</b>	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	14-Jul-17	<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

### Activity Action - MCBCS - 02 Robert Wesolowski

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	0.6 Acres of 16.5 feet wide Cool Season Grass Buffer Strip was seeded by the Marshall SWCD in Viking Township Section 4, SE 1/4 along JD 15 - Br. B.		
<b>Proposed Size / Units</b>	0.60 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	0.60 AC	<b>Installed Date</b>	14-Aug-18
<b>Mapped Activities</b>	1 Polygon(s)		

Activity Action - MCBCS - 03 Michael Bienek			
Practice	393 - Filter Strip	Count of Activities	1
Description	2.6 Acres of 40 feet wide Cool Season Grass Buffer Strip was installed in McCrea Strip Township Section 4, SE 1/4 along a DNR Protected Stream by the landowner.		
Proposed Size / Units	2.60 AC	Lifespan	10 Years
Actual Size/Units	2.60 AC	Installed Date	3-Jul-18
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 04 Michael Bienek			
Practice	393 - Filter Strip	Count of Activities	1
Description	0.6 Acres of 16.5 feet wide Cool Season Grass Buffer Strip was installed in McCrea Strip Township Section 4, NE 1/4 along CD 8 by the landowner.		
Proposed Size / Units	0.60 AC	Lifespan	10 Years
Actual Size/Units	0.60 AC	Installed Date	3-Jul-18
Mapped Activities	2 Polygon(s)		

Activity Action - MCBCS - 07 Norman Lindemoen			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 feet wide Cool Season Grass Buffer Strip was seeded by the Marshall SWCD in Marsh Grove Township Section 32, NW 1/4 along CD 18.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	23-Aug-18
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 09 Norman Lindemoen			
Practice	393 - Filter Strip	Count of Activities	1
Description	2.7 Acres of 30 Foot Buffer was installed along a DNR Protected Stream by the Marshall SWCD.		
Proposed Size / Units	2.70 AC	Lifespan	10 Years
Actual Size/Units	2.70 AC	Installed Date	30-Oct-18
Mapped Activities	2 Polygon(s)		

Activity Action - MCBCS - 11 Nick Drees			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 feet wide Cool Season Grass Buffer Strip will be installed in Excel Township Section 34, SE 1/4 along Thief River and CD 24.		
Proposed Size / Units	1.50 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	9-May-19
Mapped Activities	2 Polygon(s)		

Activity Action - MCBCS - 12 Clark Nelson			
Practice	393 - Filter Strip	Count of Activities	1
Description	0.5 Acres of 16.5 feet wide Cool Season Grass Buffer Strip will be installed in Grand Plain Township Section 31, NW 1/4 along CD 20 - Br. B.		
Proposed Size / Units	0.50 AC	Lifespan	10 Years
Actual Size/Units	AC	Installed Date	
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 18 Brad Blawat			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 feet wide Cool Season Grass Buffer Strip will be installed in Foldahl Township Section 36, NW 1/4 along CD 42.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	AC	Installed Date	
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 22 Patrick Erickson			
Practice	393 - Filter Strip	Count of Activities	1
Description	0.7 Acres of 16.5 feet wide Cool Season Grass Buffer Strip was installed in Excel Township Section 33, NE 1/4 along JD 23 by the Marshall SWCD.		
Proposed Size / Units	0.70 AC	Lifespan	10 Years
Actual Size/Units	0.70 AC	Installed Date	22-Oct-18
Mapped Activities	4 Polygon(s)		

Activity Action - MCBCS - 23 Patrick Erickson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 feet wide Cool Season Grass Buffer Strip was seeded by the Marshall SWCD in Holt Township Section 12, NW 1/4 along CD 25 - Lat. 4.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	AC	Installed Date	30-Jun-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 24 Patrick Erickson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 feet wide Cool Season Grass Buffer Strip was seeded by the Marshall SWCD in Cedar Township Section 22, SW, SE and SE, SW 1/4 along SD 83 - Br. 7.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	AC	Installed Date	30-Jun-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 10 Richard Olson			
Practice	410 - Grade Stabilization Structure	Count of Activities	4
Description	4 Side Water Inlets (SWIs) were installed along County Ditch 24 in Excel Strip Township Section 1 to get the contract holder in compliance with the Buffer Law. Contract holder installed these SWIs and Jim Hest, Red River Valley Conservation Service Area (RRVCSA) Engineer, signed off on the project. These 4 SWIs will protect 141 acres Drainage Area. Contract Holder will also install an 8 foot wide buffer the length of his property to help with compliance.		
Proposed Size / Units	4.00 COUNT	Lifespan	10 Years
Actual Size/Units	4.00 COUNT	Installed Date	11-Sep-18
Mapped Activities	4 Point(s)		

Final Indicator for MCBCS - 10 Richard Olson			
Indicator Name	SEDIMENT (TSS)	Value	140
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 24		
Final Indicator for MCBCS - 10 Richard Olson			
Indicator Name	SOIL (EST. SAVINGS)	Value	140

<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	County Ditch 24		
<b>Final Indicator for MCBCS - 10 Richard Olson</b>			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	161
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	County Ditch 24		

<b>Activity Action - MCBCS - 16 Don Moose</b>			
<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	2
<b>Description</b>	2.0 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 15 - Branch B by the Marshall SWCD.		
<b>Proposed Size / Units</b>	2.00 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	2.00 AC	<b>Installed Date</b>	23-Aug-18
<b>Mapped Activities</b>	2 Polygon(s)		

<b>Activity Action - MCBCS - 20 John Nelson</b>			
<b>Practice</b>	410 - Grade Stabilization Structure	<b>Count of Activities</b>	1
<b>Description</b>	1 Side Water Inlet (SWI) was installed along County Ditch 44 - Lat. 2 in Oak Park Township Section 29 to get the contract holder in compliance with the Buffer Law. Gowan Construction installed this SWI and Jim Hest, Red River Valley Conservation Service Area (RRVCSA) Engineer, signed off on the project. This SWI will protect 90.6 acres Drainage Area. Contract Holder will also continue to keep vegetation to the top of bank the length of his property to help with compliance.		
<b>Proposed Size / Units</b>	1.00 COUNT	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	1.00 COUNT	<b>Installed Date</b>	23-Nov-18
<b>Mapped Activities</b>	1 Point(s)		

<b>Final Indicator for MCBCS - 20 John Nelson</b>			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	20.1
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	County Ditch 44 - Lat. 2		
<b>Final Indicator for MCBCS - 20 John Nelson</b>			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	17.5



Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 44 - Lat. 2		
Final Indicator for MCBCS - 20 John Nelson			
Indicator Name	SOIL (EST. SAVINGS)	Value	17.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 44 - Lat. 2		

#### Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 101 - 125

Description	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Jul-17	End Date	
Has Rates and Hours?	No		
Actual Results	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

#### Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 126 - 150

Description	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Jul-17	End Date	
Has Rates and Hours?	No		
Actual Results	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

#### Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 151 - 175

Description	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Jul-17	End Date	
Has Rates and Hours?	No		
Actual Results	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

#### Activity Action - MCBCS - 175 Brandon Blaine

Practice	393 - Filter Strip	Count of Activities	1
Description	0.9 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 11 - Br. 172 by the Marshall SWCD.		
Proposed Size / Units	0.90 AC	Lifespan	10 Years
Actual Size/Units	0.90 AC	Installed Date	6-Jun-19
Mapped Activities	1 Polygon(s)		

#### Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 176 - 200

Description	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Jul-17	End Date	
Has Rates and Hours?	No		
Actual Results	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

Activity Action - MCBCS - 177 Gary Anderson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 11 - Br. 38 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	2-Aug-18
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 178 Gary Anderson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 11 - Br. 37 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	2-Aug-18
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 176 Gary Anderson			
Practice	393 - Filter Strip	Count of Activities	2
Description	1.0 Acres of 16.5 Foot Buffer was installed along JD 11 - Br. 53 & JD 11 - Br. 52 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	29-May-19
Mapped Activities	2 Polygon(s)		

Activity Action - MCBCS - 179 Gary Anderson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along JD 11 - Br. 168 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	30-May-19
Mapped Activities	1 Polygon(s)		

## Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 201 - 225

<b>Description</b>	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	14-Jul-17	<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

### Activity Action - MCBCS - 212 Monty Peterson

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	2.0 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 21 - Br. 11 by the Marshall SWCD.		
<b>Proposed Size / Units</b>	2.00 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	2.00 AC	<b>Installed Date</b>	12-Aug-18
<b>Mapped Activities</b>	1 Polygon(s)		

### Activity Action - MCBCS - 209 Jeff Benke

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	1.5 Acres of 16.5 Foot Buffer was installed along County Ditch 23 by the Marshall SWCD.		
<b>Proposed Size / Units</b>	1.50 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	1.50 AC	<b>Installed Date</b>	18-Aug-18
<b>Mapped Activities</b>	1 Polygon(s)		

### Activity Action - MCBCS - 215 Reynold Nelson

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	1.0 Acres of 16.5 Foot Buffer was installed along JD 29 - Lat. 2 by the Marshall SWCD Haybuster..		
<b>Proposed Size / Units</b>	1.00 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	1.00 AC	<b>Installed Date</b>	12-Jun-19
<b>Mapped Activities</b>	1 Polygon(s)		

Activity Action - MCBCS - 210 Monty Peterson			
Practice	393 - Filter Strip	Count of Activities	2
Description	1.2 Acres of 16.5 Foot Buffer was installed along JD 21 - Br. A by the Marshall SWCD.		
Proposed Size / Units	1.20 AC	Lifespan	10 Years
Actual Size/Units	1.20 AC	Installed Date	30-May-19
Mapped Activities	2 Polygon(s)		

Activity Action - MCBCS - 211 Monty Peterson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.1 Acres of 16.5 Foot Buffer was installed along JD 11 - Br. 12 & JD 21 - Br. 17 by the Marshall SWCD.		
Proposed Size / Units	1.10 AC	Lifespan	10 Years
Actual Size/Units	1.10 AC	Installed Date	30-May-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 213 Monty Peterson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along JD 11 - Br. 16 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	30-May-19
Mapped Activities	1 Polygon(s)		

## Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 226 - 250

<b>Description</b>	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	14-Jul-17	<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

### Activity Action - MCBCS - Field Brothers 245

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	0.5 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 29 - Lat. 1 by the Marshall SWCD.		
<b>Proposed Size / Units</b>	0.50 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	0.50 AC	<b>Installed Date</b>	22-Aug-19
<b>Mapped Activities</b>	1 Polygon(s)		

### Activity Action - MCBCS - Field Brothers 231

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	2.0 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 8 by the Marshall SWCD.		
<b>Proposed Size / Units</b>	2.00 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	2.00 AC	<b>Installed Date</b>	9-Sep-19
<b>Mapped Activities</b>	1 Polygon(s)		

### Activity Action - MCBCS - Field Brothers 243

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	1.0 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 29 - Branch A by the Marshall SWCD.		
<b>Proposed Size / Units</b>	1.00 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	1.00 AC	<b>Installed Date</b>	22-Aug-19
<b>Mapped Activities</b>	1 Polygon(s)		

Activity Action - MCBCS - Field Brothers 244			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 29 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	4-Sep-19
Mapped Activities	1 Polygon(s)		

#### Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 251 - 275

Description	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Jul-17	End Date	
Has Rates and Hours?	No		
Actual Results	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

Activity Action - MCBCS - 272 Roger Rogolla			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along County Ditch 20 - Br. B by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	1-Aug-18
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 273 Roger Rogolla			
Practice	393 - Filter Strip	Count of Activities	3
Description	1.6 Acres of 16.5 Foot Buffer was installed along County Ditch 20 - Br. B by the Marshall SWCD.		
Proposed Size / Units	1.60 AC	Lifespan	10 Years
Actual Size/Units	1.60 AC	Installed Date	29-Aug-18
Mapped Activities	3 Polygon(s)		

Activity Action - MCBCS - 256 Daniel Aandal			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.5 Acres of 16.5 Foot Buffer was installed along County Ditch 20 - Br. B by the Marshall SWCD.		
Proposed Size / Units	1.50 AC	Lifespan	10 Years
Actual Size/Units	1.50 AC	Installed Date	29-Aug-18
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 270 Wander Family Trust			
Practice	393 - Filter Strip	Count of Activities	1
Description	0.5 Acres of 16.5 Foot Buffer was installed along JD 11 - Br. 50 by the Marshall SWCD.		
Proposed Size / Units	0.50 AC	Lifespan	10 Years
Actual Size/Units	0.50 AC	Installed Date	29-May-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 271 Wander Family Trust			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along JD 11 - Br. 50 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	29-May-19
Mapped Activities	1 Polygon(s)		



Activity Action - MCBCS - 262 Maynard Peterson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.4 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 29 - Branch A by the Marshall SWCD.		
Proposed Size / Units	1.40 AC	Lifespan	10 Years
Actual Size/Units	1.40 AC	Installed Date	3-Sep-19
Mapped Activities	1 Polygon(s)		

#### Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 26 - 50

Description	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Jul-17	End Date	
Has Rates and Hours?	No		
Actual Results	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

Activity Action - MCBCS - 32 Rudy Borg Farms			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along County Ditch 35 - Lat. 1 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	7-Aug-18
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 33 Rudy Borg Farms			
Practice	393 - Filter Strip	Count of Activities	2
Description	2.5 Acres of 16.5 Foot Buffer was installed along County Ditch 35 by the Marshall SWCD.		
Proposed Size / Units	2.50 AC	Lifespan	10 Years
Actual Size/Units	2.50 AC	Installed Date	7-Aug-18
Mapped Activities	2 Polygon(s)		

Activity Action - MCBCS - 34 Rudy Borg Farms			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.3 Acres of 16.5 Foot Buffer was installed along State Ditch 83 - Br. 11 by the Marshall SWCD.		
Proposed Size / Units	1.30 AC	Lifespan	10 Years
Actual Size/Units	1.30 AC	Installed Date	7-Aug-18
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 50 Rudy Borg Farms			
Practice	393 - Filter Strip	Count of Activities	1
Description	0.5 Acres of 16.5 Foot Buffer was installed along State Ditch 83 - Br. 7 by the Marshall SWCD.		
Proposed Size / Units	0.50 AC	Lifespan	10 Years
Actual Size/Units	0.50 AC	Installed Date	7-Aug-18
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 39 Reed Quern			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	1 Side Water Inlet (SWI) was installed along County Ditch 44 - Lat. 4 in Oak Park Township Section 17 to get the contract holder in compliance with the Buffer Law. Gowan Construction installed this SWI and Jim Hest, Red River Valley Conservation Service Area (RRVCSA) Engineer, signed off on the project. This SWI will protect 181.7 acres Drainage Area. Contract Holder will also continue to keep vegetation to the top of bank the length of his property to help with compliance.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	23-Nov-18
Mapped Activities	1 Point(s)		

Final Indicator for MCBCS - 39 Reed Quern			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	20.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 44 - Lat. 4		
Final Indicator for MCBCS - 39 Reed Quern			
Indicator Name	SEDIMENT (TSS)	Value	17.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 44 - Lat. 4		
Final Indicator for MCBCS - 39 Reed Quern			
Indicator Name	SOIL (EST. SAVINGS)	Value	17.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	County Ditch 44 - Lat. 4		

<b>Activity Action - MCBCS - 38 Vaughn Quern</b>			
<b>Practice</b>	410 - Grade Stabilization Structure	<b>Count of Activities</b>	2
<b>Description</b>	2 Side Water Inlet (SWI) was installed along County Ditch 44 - Lat. 4 in Oak Park Township Section 17 to get the contract holder in compliance with the Buffer Law. Gowan Construction installed these SWIs and Jim Hest, Red River Valley Conservation Service Area (RRVCSA) Engineer, signed off on the project. These SWIs will protect 102 acres Drainage Area. Contract Holder will also continue to keep vegetation to the top of bank the length of his property to help with compliance.		
<b>Proposed Size / Units</b>	2.00 COUNT	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	2.00 COUNT	<b>Installed Date</b>	23-Nov-18
<b>Mapped Activities</b>	2 Point(s)		

Final Indicator for MCBCS - 38 Vaughn Quern			
Indicator Name	SOIL (EST. SAVINGS)	Value	52
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	CD 44 - Lat. 4		
Final Indicator for MCBCS - 38 Vaughn Quern			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	60
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	CD 44 - Lat. 4		

Final Indicator for MCBCS - 38 Vaughn Quern			
Indicator Name	SEDIMENT (TSS)	Value	52
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	CD 44 - Lat. 4		

Activity Action - MCBCS - 37 Thomas Silbernagel			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.3 Acres of 16.5 Foot Buffer was installed along County Ditch 40 by the Marshall SWCD.		
Proposed Size / Units	1.30 AC	Lifespan	10 Years
Actual Size/Units	1.30 AC	Installed Date	31-May-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 36 Lyle Silbernagel			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along JD 11 - Br. 172 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	30-May-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 42 Elmer Rasmussen			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	1 Side Water Inlet (SWI) was installed along State Ditch 83 - Branch 5 in Cedar Township Section 15 to get the contract holder in compliance with the Buffer Law. Lunke's Inc., Newfolden, MN installed this SWI and Zach Foley, Red River Valley Conservation Service Area (RRVCSA) Engineer, signed off on the project. This SWI will protect 21.9 acres Drainage Area. Contract Holder will also continue to keep vegetation to the top of bank the length of his property to help with compliance.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	1-Oct-19
Mapped Activities	1 Point(s)		

Final Indicator for MCBCS - 42 Elmer Rasmussen			
Indicator Name	SOIL (EST. SAVINGS)	Value	22

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	SD 83 - Br. 5		
Final Indicator for MCBCS - 42 Elmer Rasmussen			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	18
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	SD 83 - Br. 5		
Final Indicator for MCBCS - 42 Elmer Rasmussen			
Indicator Name	SEDIMENT (TSS)	Value	22
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	SD 83 - Br. 5		

#### Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 276 - 300

Description	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Jul-17	End Date	
Has Rates and Hours?	No		
Actual Results	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

Activity Action - MCBCS - 296 Eugene Larson			
Practice	393 - Filter Strip	Count of Activities	1
Description	0.9 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 15 - Br. F by the Marshall SWCD.		
Proposed Size / Units	0.90 AC	Lifespan	10 Years
Actual Size/Units	0.90 AC	Installed Date	23-Oct-18
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 276 Donovan Dahl			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along JD 11 - Branch 11 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	30-May-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 277 Donovan Dahl			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along County Ditch 28 & JD 11. - Br. 10 by the Marshall SWCD.		
Proposed Size / Units	3.00 AC	Lifespan	10 Years
Actual Size/Units	3.00 AC	Installed Date	30-May-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 278 Donovan Dahl			
Practice	393 - Filter Strip	Count of Activities	1
Description	0.5 Acres of 16.5 Foot Buffer was installed along JD 11 - Br. 6 & Br. 11 by the Marshall SWCD.		
Proposed Size / Units	3.00 AC	Lifespan	10 Years
Actual Size/Units	3.00 AC	Installed Date	30-May-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 279 Donovan Dahl			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along JD 11 - Br. 14 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	30-May-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 285 Laura Pikop			
Practice	393 - Filter Strip	Count of Activities	1
Description	0.5 Acres of 16.5 Foot Buffer was installed along County Ditch 14 by the Marshall SWCD.		
Proposed Size / Units	0.50 AC	Lifespan	10 Years
Actual Size/Units	0.50 AC	Installed Date	3-Sep-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 284 Betty Pikop			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 27 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	3-Sep-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 297 Thomas Peterson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 9 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	3-Sep-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 298 Thomas Peterson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along County Ditch 12 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	22-Aug-19
Mapped Activities	1 Polygon(s)		

## Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 301 - 325

<b>Description</b>	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	14-Jul-17	<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

### Activity Action - MCBCS - 323 Knoll Brothers

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	1.0 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 15 - Branch F by the Marshall SWCD.		
<b>Proposed Size / Units</b>	1.00 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	1.00 AC	<b>Installed Date</b>	23-Oct-18
<b>Mapped Activities</b>	1 Polygon(s)		

### Activity Action - MCBCS - 320 Michael Anderson

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	2
<b>Description</b>	1.4 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 14 - Branch B by the Marshall SWCD.		
<b>Proposed Size / Units</b>	1.40 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	1.40 AC	<b>Installed Date</b>	24-Oct-18
<b>Mapped Activities</b>	2 Polygon(s)		

### Activity Action - MCBCS - 322 Michael Anderson

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	2
<b>Description</b>	3.5 Acres of 16.5 Foot Buffer was installed along County Ditch 24 by the Marshall SWCD.		
<b>Proposed Size / Units</b>	3.50 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	3.50 AC	<b>Installed Date</b>	23-Oct-18
<b>Mapped Activities</b>	2 Polygon(s)		



Activity Action - MCBCS - 318 Virgil Wagner			
Practice	393 - Filter Strip	Count of Activities	1
Description	0.5 Acres of 8 Foot Buffer (Side Water Inlets were installed last year) was installed along State Ditch 83 - Branch 1 by the Marshall SWCD.		
Proposed Size / Units	0.50 AC	Lifespan	10 Years
Actual Size/Units	0.50 AC	Installed Date	31-May-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 319 Jason Wagner			
Practice	393 - Filter Strip	Count of Activities	1
Description	0.3 Acres of 8 Foot Buffer (Side Water Inlets installed in Fall of 2018) was installed along State Ditch 83 - Branch 1 by the Marshall SWCD.		
Proposed Size / Units	0.30 AC	Lifespan	10 Years
Actual Size/Units	0.30 AC	Installed Date	31-May-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 324 Kevin Nelson			
Practice	393 - Filter Strip	Count of Activities	4
Description	2.3 Acres of 16.5 and 8 Foot Buffer was installed along JD 11 - Br. 90 and JD 11 - Br. 92 by the Marshall SWCD.		
Proposed Size / Units	2.30 AC	Lifespan	10 Years
Actual Size/Units	2.30 AC	Installed Date	30-May-19
Mapped Activities	4 Polygon(s)		

Activity Action - MCBCS - 311 Carlton Anderson			
Practice	393 - Filter Strip	Count of Activities	2
Description	0.9 Acres of 16.5 Foot Buffer was installed along JD 10 by the Marshall SWCD.		
Proposed Size / Units	0.90 AC	Lifespan	10 Years
Actual Size/Units	0.90 AC	Installed Date	20-Aug-19
Mapped Activities	2 Polygon(s)		

## Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 326 - 350

<b>Description</b>	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	14-Jul-17	<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

### Activity Action - MCBCS - 338 Max Rogers

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	1.0 Acres of 16.5 Foot Buffer was installed along County Ditch 32 - Lat. 4 by the Marshall SWCD.		
<b>Proposed Size / Units</b>	1.00 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	1.00 AC	<b>Installed Date</b>	24-Oct-18
<b>Mapped Activities</b>	1 Polygon(s)		

### Activity Action - MCBCS - 336 Ed Hall

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	0.5 Acres of 8 Foot Buffer was installed along County Ditch 20 by the Marshall SWCD.		
<b>Proposed Size / Units</b>	0.50 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	0.50 AC	<b>Installed Date</b>	24-Oct-18
<b>Mapped Activities</b>	1 Polygon(s)		

### Activity Action - MCBCS - 339 Patrick Benke

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	0.5 Acres of 16.5 Foot Buffer was installed along County Ditch 23 by the Marshall SWCD.		
<b>Proposed Size / Units</b>	0.50 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	0.50 AC	<b>Installed Date</b>	14-Jun-19
<b>Mapped Activities</b>	1 Polygon(s)		

Activity Action - MCBCS - 348 James Nelson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along County Ditch 44 - Lat. 2 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	9-Sep-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 345 Derek Peterson			
Practice	393 - Filter Strip	Count of Activities	4
Description	1.0 Acres of 30 Foot Buffer was installed along a DNR Protected Stream by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	19-Sep-19
Mapped Activities	4 Polygon(s)		

Activity Action - MCBCS - 332 Mark Nelson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along County Ditch 44 - Lat. 1 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	9-Sep-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 331 Mark Nelson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along County Ditch 44 - Lat. 1 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	9-Sep-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 333 Mark Nelson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along County Ditch 44A - Lat. 2 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	9-Sep-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 330 Mark Nelson			
Practice	393 - Filter Strip	Count of Activities	1
Description	0.5 Acres of 16.5 Foot Buffer was installed along County Ditch 44 - Lat. 2 by the Marshall SWCD.		
Proposed Size / Units	0.50 AC	Lifespan	10 Years
Actual Size/Units	0.50 AC	Installed Date	9-Sep-19
Mapped Activities	1 Polygon(s)		

#### Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 351 - 375

Description	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Jul-17	End Date	
Has Rates and Hours?	No		
Actual Results	Funds in 2018 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

Activity Action - MCBCS - 351 Leslie Nelson			
Practice	393 - Filter Strip	Count of Activities	1
Description	0.5 Acres of 16.5 Foot Buffer was installed along County Ditch 30 - Br. G by the Marshall SWCD.		
Proposed Size / Units	0.50 AC	Lifespan	10 Years
Actual Size/Units	0.50 AC	Installed Date	6-Sep-18
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 359 Donald Steinhauer			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 23 - Lat. 1 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	22-Oct-18
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 360 Donald Steinhauer			
Practice	393 - Filter Strip	Count of Activities	1
Description	0.3 Acres of 16.5 Foot Buffer was installed along County Ditch 33 by the Marshall SWCD.		
Proposed Size / Units	0.30 AC	Lifespan	10 Years
Actual Size/Units	0.30 AC	Installed Date	22-Oct-18
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 365 Todd Nelson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along County Ditch 12 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	3-Sep-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 361 Pamela Olson			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.9 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 29 - Branch A by the Marshall SWCD.		
Proposed Size / Units	1.90 AC	Lifespan	10 Years
Actual Size/Units	1.90 AC	Installed Date	4-Sep-19
Mapped Activities	1 Polygon(s)		

## Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 376 - 400

<b>Description</b>	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	14-Jul-17	<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

### Activity Action - MCBCS - Albin Chaplinski 388

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	1.2 Acres of 16.5 Foot Buffer was installed along County Ditch 28 and County ditch 28 - Branch E by the Marshall SWCD.		
<b>Proposed Size / Units</b>	1.20 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	1.20 AC	<b>Installed Date</b>	28-Aug-19
<b>Mapped Activities</b>	1 Polygon(s)		

### Activity Action - MCBCS - Woinarowicz Brothers 380

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	2
<b>Description</b>	7.0 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 27 and JD 27 - Lat. 8 & Lat. 9 by the Marshall SWCD.		
<b>Proposed Size / Units</b>	7.00 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	7.00 AC	<b>Installed Date</b>	4-Sep-19
<b>Mapped Activities</b>	2 Polygon(s)		

Activity Action - MCBCS - Woinarowicz Brothers 378			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along Judicial Branch 27 by the Marshall SWCD. Another 3 acres will be planted by the Marshall SWCD in 2020 along Judicial Branch 27 & 3 along this parcel.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	4-Sep-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - Albin Chaplinski 390			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along County Ditch 28 - Branch D by the Marshall SWCD. Another acre will be planted by the Marshall SWCD in 2020 along this parcel.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	24-Aug-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - Albin Chaplinski 391			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.5 Acres of 16.5 Foot Buffer was installed along County Ditch 28 - Branch C by the Marshall SWCD.		
Proposed Size / Units	1.50 AC	Lifespan	10 Years
Actual Size/Units	1.50 AC	Installed Date	23-Aug-19
Mapped Activities	1 Polygon(s)		

## Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 401 - 425

<b>Description</b>	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
<b>Category</b>	AGRICULTURAL PRACTICES		
<b>Start Date</b>	14-Jul-17	<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

### Activity Action - MCBCS - Stuart Nordling 406

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	1.2 Acres of 10 Foot Buffer (partial buffer was already present) was installed along County Ditch 3 by the Marshall SWCD.		
<b>Proposed Size / Units</b>	1.20 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	1.20 AC	<b>Installed Date</b>	21-Aug-19
<b>Mapped Activities</b>	1 Polygon(s)		

### Activity Action - MCBCS - Steve McGlynn 422

<b>Practice</b>	393 - Filter Strip	<b>Count of Activities</b>	1
<b>Description</b>	1.0 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 29 by the Marshall SWCD.		
<b>Proposed Size / Units</b>	1.00 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	1.00 AC	<b>Installed Date</b>	9-Sep-19
<b>Mapped Activities</b>	1 Polygon(s)		



Activity Action - MCBCS - Steve McGlynn 421			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along Judicial Ditch 29 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	9-Sep-19
Mapped Activities	1 Polygon(s)		

#### Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 51 - 75

Description	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Jul-17	End Date	
Has Rates and Hours?	No		
Actual Results	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

Activity Action - MCBCS - 70 Daniel Haack			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	1 Side Water Inlet (SWI) was installed along Judicial Ditch 11 - Branch 167 in Valley Township Section 30 to get the contract holder in compliance with the Buffer Law. Holthusen Construction out of Grygla, MN installed this SWI and Jim Hest, Red River Valley Conservation Service Area (RRVCSA) Engineer, signed off on the project. This SWI will protect 51.9 acres Drainage Area. Contract Holder will also continue to keep vegetation to the top of bank the length of his property to help with compliance.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	12-Sep-18
Mapped Activities	1 Point(s)		

#### Final Indicator for MCBCS - 70 Daniel Haack

Indicator Name	SEDIMENT (TSS)	Value	17.5
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Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Judicial Ditch 11 - Branch 167		
Final Indicator for MCBCS - 70 Daniel Haack			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	20.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Judicial Ditch 11 - Branch 167		
Final Indicator for MCBCS - 70 Daniel Haack			
Indicator Name	SOIL (EST. SAVINGS)	Value	17.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Judicial Ditch 11 - Branch 167		

Activity Action - MCBCS - 71 Daniel Haack			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	1 Side Water Inlet (SWI) was installed along the Mud River in Eckvoll Township Section 23 to get the contract holder in compliance with the Buffer Law. Holthusen Construction of Grygla, MN. installed this SWI and Jim Hest, Red River Valley Conservation Service Area (RRVCSA) Engineer, signed off on the project. This SWI will protect 100.9 acres Drainage Area. Contract Holder will also continue to keep vegetation to the top of bank the length of his property to help with compliance.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	12-Sep-18
Mapped Activities	1 Point(s)		

Final Indicator for MCBCS - 71 Daniel Haack			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	20.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Mud River		
Final Indicator for MCBCS - 71 Daniel Haack			
Indicator Name	SOIL (EST. SAVINGS)	Value	17.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Mud River		
Final Indicator for MCBCS - 71 Daniel Haack			
Indicator Name	SEDIMENT (TSS)	Value	17.5

<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Mud River		

<b>Activity Action - MCBCS - 72 Daniel Haack</b>			
<b>Practice</b>	410 - Grade Stabilization Structure	<b>Count of Activities</b>	2
<b>Description</b>	2 Side Water Inlets (SWI) were installed along Judicial Ditch 11 - Branch 194 in Eckvold Township Section 26 to get the contract holder in compliance with the Buffer Law. Holthusen Construction of Grygla, MN. installed these SWIs and Jim Hest, Red River Valley Conservation Service Area (RRVCSA) Engineer, signed off on the project. These SWIs will protect 193 acres Drainage Area. Contract Holder will also continue to keep vegetation to the top of bank the length of his property to help with compliance.		
<b>Proposed Size / Units</b>	2.00 COUNT	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	2.00 COUNT	<b>Installed Date</b>	12-Sep-18
<b>Mapped Activities</b>	2 Point(s)		

<b>Final Indicator for MCBCS - 72 Daniel Haack</b>			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	35
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Judicial Ditch 11 - Branch 194		
<b>Final Indicator for MCBCS - 72 Daniel Haack</b>			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	40.2
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Judicial Ditch 11 - Branch 194		
<b>Final Indicator for MCBCS - 72 Daniel Haack</b>			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	35
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (GULLY STABILIZATION)
<b>Waterbody</b>	Judicial Ditch 11 - Branch 194		

Activity Action - MCBCS - 64 Donald Briks Trust			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along JD 11 - Br. 171 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	28-May-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 66 Jo Ellen Stock			
Practice	393 - Filter Strip	Count of Activities	2
Description	3.0 Acres of 16.5 Foot Buffer was installed along County Ditch 2 by the Marshall SWCD.		
Proposed Size / Units	3.00 AC	Lifespan	10 Years
Actual Size/Units	3.00 AC	Installed Date	31-May-19
Mapped Activities	2 Polygon(s)		

Grant Activity - 2018 Buffer Cost Share Funds - MCBCS Contracts 76 - 100			
Description	The 2018 Buffer Cost Share grant provides funding to the Marshall SWCD for cost-sharing contracts with landowners to implement riparian buffers or alternative practices on public waters and public ditches consistent with Minnesota Statutes 103F.48. The Marshall SWCD will cost share up to 75% for the installation of Side Water Inlets (SWIs), \$200/acre for the installation of Cool Season Grasses and \$300/acre for the installation of Warm Season Grass. These funds are meant to provide cost share assistance to landowners to help with being in compliance with the MN Buffer Law.		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Jul-17	End Date	
Has Rates and Hours?	No		
Actual Results	Funds in 2018 and 2019 were used to pay cost share assistance for installation of grass buffer strips and/or the installation of Side Water Inlets (SWIs).		

Activity Action - MCBCS - 82 Neil Johnson			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description	1 Side Water Inlet (SWI) was installed along Judicial Ditch 16 in Warrenton Township Section 35 to get the contract holder in compliance with the Buffer Law. Contract Holder installed this SWI and Jim Hest, Red River Valley Conservation Service Area (RRVCSA) Engineer, signed off on the project. This SWI will protect 53 acres Drainage Area. Contract Holder will also continue to keep vegetation to the top of bank the length of his property to help with compliance.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	23-Nov-18
Mapped Activities	1 Point(s)		

Final Indicator for MCBCS - 82 Neil Johnson			
Indicator Name	SEDIMENT (TSS)	Value	17.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Judicial Ditch 16		
Final Indicator for MCBCS - 82 Neil Johnson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	20.1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Judicial Ditch 16		
Final Indicator for MCBCS - 82 Neil Johnson			
Indicator Name	SOIL (EST. SAVINGS)	Value	17.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Judicial Ditch 16		

Activity Action - MCBCS - 84 Tom Widner			
Practice	393 - Filter Strip	Count of Activities	1
Description	0.6 Acres of 16.5 Foot Buffer was installed along JD 29 - Lat. 1 by the Marshall SWCD.		
Proposed Size / Units	0.60 AC	Lifespan	10 Years
Actual Size/Units	0.60 AC	Installed Date	3-Jun-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 85 Tom Widner			
Practice	393 - Filter Strip	Count of Activities	1
Description	1.0 Acres of 16.5 Foot Buffer was installed along JD 29 - Lat. 1 by the Marshall SWCD.		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	3-Jun-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 86 Tom Widner			
Practice	393 - Filter Strip	Count of Activities	1
Description	0.5 Acres of 16.5 Foot Buffer was installed along JD 29 - Lat. 1 by the Marshall SWCD.		
Proposed Size / Units	0.50 AC	Lifespan	10 Years
Actual Size/Units	0.50 AC	Installed Date	3-Jun-19
Mapped Activities	1 Polygon(s)		

Activity Action - MCBCS - 88 Buffer Strip			
Practice	393 - Filter Strip	Count of Activities	1
Description	2.0 Acres of 16.5 Foot Buffer was installed along JD 29 - Lat. 2 by the Marshall SWCD.		
Proposed Size / Units	2.00 AC	Lifespan	10 Years
Actual Size/Units	2.00 AC	Installed Date	3-Jun-19
Mapped Activities	1 Polygon(s)		

Grant Activity - 2018 Buffer T/A			
Description	These funds are to help pay for the Marshall SWCD staff's time in implementing the 2018 Buffer Cost Share Program in Marshall County.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	14-Jul-17	End Date	
Has Rates and Hours?	Yes		
Actual Results	The Marshall SWCD uses these funds for Technical Assistance to administrate this program. 69 hours have been used by staff time in 2018 and 97 hours in 2019 to administrate the Buffer Cost Share Assistance Program.		

## Grant Attachments

Document Name	Document Type	Description
<b>2018 Buffer Cost Share</b>	Grant Agreement	2018 Buffer Cost Share - Marshall SWCD
<b>2018 Buffer Cost Share Amendment EXECUTED - Marshall SWCD</b>	Grant	2018 - Buffer Cost Share (Marshall SWCD)
<b>2018 Buffer Cost Share Amendment UNEXECUTED - Marshall SWCD</b>	Grant	2018 - Buffer Cost Share (Marshall SWCD)
<b>2018 Buffer Cost Share amendment executed</b>	Grant Agreement Amendment	
<b>2018 Buffer Cost Share executed</b>	Grant Agreement	2018 Buffer Cost Share - Marshall SWCD
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 04/03/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/04/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/28/2020
<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 - 01/30/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 12/12/2018
<b>Extension Request</b>	Grant Agreement Amendment	
<b>Final Financial Report</b>	Grant	2018 - Buffer Cost Share (Marshall SWCD)
<b>Unexecuted Grant Amendment #2</b>	Grant Agreement Amendment	