



## Grant All-Detail Report Cost Share 2013

**Grant Title** - 2012 Minnesota Flood relief Grant - Carlton (SWCD)

**Grant ID** - C13-1144

**Organization** - Carlton SWCD

<b>Grant Awarded Amount</b>	<b>\$118,769.00</b>	<b>Grant Execution Date</b>	
<b>Required Match Amount</b>	<b>\$0.00</b>	<b>Grant End Date</b>	1/1/2020
<b>Required Match %</b>	<b>0%</b>	<b>Grant Day To Day Contact</b>	

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$110,652.06	\$105,635.49	\$13,133.51
Total Match Amount			\$0.00
Total Other Funds	\$35,891.00	\$35,891.00	\$0.00
<b>Total</b>	<b>\$146,543.06</b>	<b>\$141,526.49</b>	<b>\$13,133.51</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	Match
2012 Mn Flood Relief TA	Technical/Engineering Assistance	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$23,753.80	\$23,753.80	12/17/2014	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
2012 Mn Flood Relief TA	Technical/Engineering Assistance	Other Funds	2012 - Minnesota Flood Relief Grant Final (Carlton SWCD)	\$35,891.00	\$75.32	12/17/2014	N
2012 Mn Flood Relief TA	Technical/Engineering Assistance	Other Funds	2012 - Minnesota Flood Relief Grant Final (Carlton SWCD)	\$35,891.00	\$257.92	12/17/2014	N
2012 Mn Flood Relief TA	Technical/Engineering Assistance	Other Funds	2012 - Minnesota Flood Relief Grant Final (Carlton SWCD)	\$35,891.00	\$479.67	12/17/2014	N
2012 Mn Flood Relief TA	Technical/Engineering Assistance	Other Funds	2012 - Minnesota Flood Relief Grant Final (Carlton SWCD)	\$35,891.00	\$821.85	12/17/2014	N
2012 Mn Flood Relief TA	Technical/Engineering Assistance	Other Funds	2012 - Minnesota Flood Relief Grant Final (Carlton SWCD)	\$35,891.00	\$1,514.17	12/17/2014	N
2012 Mn Flood Relief TA	Technical/Engineering Assistance	Other Funds	2012 - Minnesota Flood Relief Grant Final (Carlton SWCD)	\$35,891.00	\$3,430.00	12/17/2014	N
2012 Mn Flood Relief TA	Technical/Engineering Assistance	Other Funds	2012 - Minnesota Flood Relief Grant Final (Carlton SWCD)	\$35,891.00	\$9,047.07	12/17/2014	N
2012 Mn Flood Relief TA	Technical/Engineering Assistance	Other Funds	2012 - Minnesota Flood Relief Grant Final (Carlton SWCD)	\$35,891.00	\$20,265.00	12/17/2014	N
Brad Edgerton	Streambank or Shoreline Protection	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$2,000.00	\$993.33	8/12/2013	N
Brandon Belich	Forestry Practices	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$1,021.00	\$942.60	9/9/2013	N
Dennis Olson	Forestry Practices	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$4,187.00	\$3,908.00	9/9/2013	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
Derek Weets	Agricultural Practices	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$5,189.00	\$5,189.00	11/30/2016	N
Don Brissette	Forestry Practices	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$1,787.00	\$1,672.70	9/9/2013	N
Frank Liupakka	Streambank or Shoreline Protection	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$5,296.00	\$4,975.00	9/15/2014	N
Gerald Konu	Livestock Waste Management	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$3,198.30	\$3,198.30	12/21/2012	N
Gerry Maunu Maintenance 2	Streambank or Shoreline Protection	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$5,601.31	\$5,601.31	8/12/2013	N
Jim Alcala-Sales	Streambank or Shoreline Protection	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$14,261.65	\$14,261.65	10/23/2013	N
Jim Schneider	Streambank or Shoreline Protection	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$0.00			N
John Anderson	Livestock Waste Management	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$7,382.00	\$6,504.00	12/21/2012	N
Laura Bisel	Forestry Practices	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$4,257.00	\$2,870.80	9/19/2013	N
Steve Conley	Forestry Practices	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$7,644.00	\$6,691.00	8/12/2013	N
Twin Lakes Township	Agricultural Practices	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$6,199.00	\$6,199.00	11/21/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
Yvonne Ringstad	Streambank or Shoreline Protection	Current State Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)	\$18,875.00	\$18,875.00	10/15/2014	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
612 - Tree/Shrub Establishment	1	2	0.5 AC	0.5 AC
468 - Lined Waterway or Outlet	1	1	100 LINEAR FEET	45 LINEAR FEET
391 - Riparian Forest Buffer	1	1	2280 LINEAR FEET	2280 LINEAR FEET
342 - Critical Area Planting	1	1	1.8 AC	1.8 AC
468 - Lined Waterway or Outlet	1	1	80 LINEAR FEET	80 LINEAR FEET
584 - Stream Channel Stabilization	1	1	400 LINEAR FEET	330 LINEAR FEET
612 - Tree/Shrub Establishment	1	4	1.6 AC	1.6 AC
391 - Riparian Forest Buffer	1	1	2530 LINEAR FEET	2530 LINEAR FEET
633 - Waste Utilization	1	1	44 AC	44 AC
342 - Critical Area Planting	1	2	0.1 AC	0.1 AC
580 - Streambank and Shoreline Protection	0	0	0 LINEAR FEET	0 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	75 LINEAR FEET	75 LINEAR FEET
362 - Diversion	1	1	390 LINEAR FEET	390 LINEAR FEET
633 - Waste Utilization	1	1	81 AC	81 AC
342 - Critical Area Planting	1	11	3 AC	3 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
BOD 5	5,641.00	LBS/YR
SEDIMENT (TSS)	30,644.20	TONS/YR
PHOSPHORUS (EST. REDUCTION)	30,644.20	LBS/YR
FECAL COLIFORM	6.00	CFU/YR
SOIL (EST. SAVINGS)	30,644.20	TONS/YR
COD	25,384.00	LBS/YR
NITROGEN	1,409.00	LBS/YR
PHOSPHORUS FEEDLOT (EST. REDUCTION)	478.00	LBS/YR

## Grant Activity

Grant Activity - 2012 Mn Flood Relief TA			
Description	Staff working on these projects was Kelly Smith, Conservation Technician & Brad Matlack, Manager, Carlton SWCD, and TSA3 staff.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Sep-12	End Date	21-Nov-16
Has Rates and Hours?	Yes		
Actual Results	MFR projects 1 through 15 completed. See expense actions for specific staff and/or project expenditures.		

Grant Activity - Brad Edgerton			
Description	Riparian Forest Buffer repair.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	16-Sep-12	End Date	12-Aug-13
Has Rates and Hours?	No		
Actual Results	Riparian Forest Buffer Repaired.		

Activity Action - Brad Edgerton			
Practice	391 - Riparian Forest Buffer	Count of Activities	1
Description	RFB repair.		
Proposed Size / Units	2,280.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	2,280.00 LINEAR FEET	Installed Date	12-Aug-13
Mapped Activities	1 Polygon(s)		

Final Indicator for Brad Edgerton			
Indicator Name	SEDIMENT (TSS)	Value	102
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Midway River		

Final Indicator for Brad Edgerton			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	102
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Midway River		

Final Indicator for Brad Edgerton			
Indicator Name	SOIL (EST. SAVINGS)	Value	102
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Midway River		

Grant Activity - Brandon Belich			
Description	Tree planting and seeding to stabilize landslides.		
Category	FORESTRY PRACTICES		
Start Date	17-Sep-12	End Date	09-Sep-13
Has Rates and Hours?	No		
Actual Results	Tree planting and seeding to stabilize landslides.		

Activity Action - Brandon Belich			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Tree and forb planting.		
Proposed Size / Units	0.10 AC	Lifespan	10 Years
Actual Size/Units	0.10 AC	Installed Date	9-Sep-13
Mapped Activities	2 Polygon(s)		

Final Indicator for Brandon Belich			
Indicator Name	SOIL (EST. SAVINGS)	Value	627
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis River		

Final Indicator for Brandon Belich			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	627
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis River		

Final Indicator for Brandon Belich			
Indicator Name	SEDIMENT (TSS)	Value	627
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis River		

Grant Activity - Dennis Olson			
Description	Critical area stabilization of landslide.		
Category	FORESTRY PRACTICES		
Start Date	6-Jul-12	End Date	09-Sep-13
Has Rates and Hours?	No		
Actual Results	Critical area stabilization of landslide.		

Activity Action - Dennis Olson			
Practice	612 - Tree/Shrub Establishment	Count of Activities	1
Description	Critical Area Planting		
Proposed Size / Units	1.60 AC	Lifespan	10 Years
Actual Size/Units	1.60 AC	Installed Date	10-Jun-13
Mapped Activities	4 Polygon(s)		

Final Indicator for Dennis Olson			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9409
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Blackhoof River		

Final Indicator for Dennis Olson			
Indicator Name	SOIL (EST. SAVINGS)	Value	9409
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Blackhoof River		

Final Indicator for Dennis Olson			
Indicator Name	SEDIMENT (TSS)	Value	9409
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Blackhoof River		



Grant Activity - Derek Weets			
Description	Derek Weets		
Category	AGRICULTURAL PRACTICES		
Start Date	27-Jun-13	End Date	30-Nov-16
Has Rates and Hours?	No		
Actual Results	Erosion Controlled.		

Activity Action - Derek Weets			
Practice	362 - Diversion	Count of Activities	1
Description	Diversion & Waterway		
Proposed Size / Units	390.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	390.00 LINEAR FEET	Installed Date	30-Nov-16
Mapped Activities	1 Line(s)		

Final Indicator for Derek Weets			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	13.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	Chub Lake		

Final Indicator for Derek Weets			
Indicator Name	SOIL (EST. SAVINGS)	Value	13.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	Chub Lake		

Final Indicator for Derek Weets			
Indicator Name	SEDIMENT (TSS)	Value	13.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	Chub Lake		

Grant Activity - Don Brissette			
Description	Critical Area Stabilization of landslide.		
Category	FORESTRY PRACTICES		
Start Date	16-Jan-13	End Date	09-Sep-13
Has Rates and Hours?	No		
Actual Results	Critical Area Stabilization of landslide.		

Activity Action - Don Brissette			
Practice	612 - Tree/Shrub Establishment	Count of Activities	1
Description	Trees and seed planted.		
Proposed Size / Units	0.50 AC	Lifespan	10 Years
Actual Size/Units	0.50 AC	Installed Date	9-Sep-13
Mapped Activities	2 Polygon(s)		

Final Indicator for Don Brissette			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2980
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Blackhoof River		

Final Indicator for Don Brissette			
Indicator Name	SOIL (EST. SAVINGS)	Value	2980
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Blackhoof River		

Final Indicator for Don Brissette			
Indicator Name	SEDIMENT (TSS)	Value	2980
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Blackhoof River		

Grant Activity - Frank Liupakka			
Description	Gully stabilization.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	5-Nov-13	End Date	04-Sep-14
Has Rates and Hours?	No		
Actual Results	Gully stabilized.		

Activity Action - Frank Liupakka			
Practice	468 - Lined Waterway or Outlet	Count of Activities	1
Description	Lined waterway installed.		
Proposed Size / Units	100.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	45.00 LINEAR FEET	Installed Date	3-Sep-14
Mapped Activities	1 Line(s)		

Final Indicator for Frank Liupakka			
Indicator Name	SOIL (EST. SAVINGS)	Value	24
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Midway River		

Final Indicator for Frank Liupakka			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	24
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Midway River		

Final Indicator for Frank Liupakka			
Indicator Name	SEDIMENT (TSS)	Value	24
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Midway River		

Grant Activity - Gerald Konu			
Description	Pump out manure pit, filled due to flood. Spread manure on fields without creating a pollution hazard. Only pit volume pumping due to flood was cost shared. Pit is permitted. Flood required an extra summer pump out.		
Category	LIVESTOCK WASTE MANAGEMENT		
Start Date	23-Oct-12	End Date	27-Nov-12
Has Rates and Hours?	No		
Actual Results	Pit pumped out and spread without creating a pollution hazard according to U of M recommendations.		

Activity Action - Legacy Migrated Data			
Practice	633 - Waste Utilization	Count of Activities	1
Description	Flooded manure pit pump out and spread.		
Proposed Size / Units	44.00 AC	Lifespan	10 Years
Actual Size/Units	44.00 AC	Installed Date	2-Aug-13
Mapped Activities	1 Polygon(s)		

Final Indicator for Legacy Migrated Data			
Indicator Name	FECAL COLIFORM	Value	3.7
Indicator Subcategory/Units	MinnFARM CFU/YR	Calculation Tool	MINNFARM
Waterbody	Kettle River		

Final Indicator for Legacy Migrated Data			
Indicator Name	NITROGEN	Value	8
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Kettle River		

Final Indicator for Legacy Migrated Data			
Indicator Name	COD	Value	158
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Kettle River		

Final Indicator for Legacy Migrated Data			
Indicator Name	BOD 5	Value	35
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Kettle River		

Final Indicator for Legacy Migrated Data			
Indicator Name	PHOSPHORUS FEEDLOT (EST. REDUCTION)	Value	2

<b>Indicator Subcategory/Units</b>	MinnFARM LBS/YR	<b>Calculation Tool</b>	MINNFARM
<b>Waterbody</b>	Kettle River		

**Grant Activity - Gerry Maunu Maintenance 2**

<b>Description</b>	Riparian Forest Buffer repair.		
<b>Category</b>	STREAMBANK OR SHORELINE PROTECTION		
<b>Start Date</b>	6-Aug-12	<b>End Date</b>	12-Aug-13
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	Riparian Forest Buffer repair.		

<b>Activity Action - Gerry Maunu Maintenance 2</b>			
<b>Practice</b>	391 - Riparian Forest Buffer	<b>Count of Activities</b>	1
<b>Description</b>	Riparian Forest Buffer repair.		
<b>Proposed Size / Units</b>	2,530.00 LINEAR FEET	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	2,530.00 LINEAR FEET	<b>Installed Date</b>	12-Aug-13
<b>Mapped Activities</b>	1 Polygon(s)		

**Final Indicator for Gerry Maunu Maintenance 2**

<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	114
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (STREAM & DITCH STABILIZATION)
<b>Waterbody</b>	Hay Creek		

**Final Indicator for Gerry Maunu Maintenance 2**

<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	114
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (STREAM & DITCH STABILIZATION)
<b>Waterbody</b>	Hay Creek		

**Final Indicator for Gerry Maunu Maintenance 2**

<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	114
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (STREAM & DITCH STABILIZATION)
<b>Waterbody</b>	Hay Creek		

Grant Activity - Jim Alcala-Sales			
Description	Replace failed road crossing of stream.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	20-Jul-12	End Date	23-Oct-13
Has Rates and Hours?	No		
Actual Results	Replace failed road crossing of stream.		

Activity Action - Jim Alcala-Sales			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Stream reach protected.		
Proposed Size / Units	75.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	75.00 LINEAR FEET	Installed Date	23-Oct-13
Mapped Activities	1 Line(s)		

Final Indicator for Jim Alcala-Sales			
Indicator Name	SOIL (EST. SAVINGS)	Value	129
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Gill Creek		

Final Indicator for Jim Alcala-Sales			
Indicator Name	SEDIMENT (TSS)	Value	129
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Gill Creek		

Final Indicator for Jim Alcala-Sales			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	129
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Gill Creek		

Grant Activity - Jim Schneider			
Description	Repair of damaged principle spillway outlet pool.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	6-Sep-13	End Date	
Has Rates and Hours?	No		
Actual Results	Project canceled November 19, 2014.		

Activity Action - Jim Schneider			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	0
Description			
Proposed Size / Units	0.00 LINEAR FEET	Lifespan	Unknown
Actual Size/Units	LINEAR FEET	Installed Date	
Mapped Activities	No		

Grant Activity - John Anderson			
Description	Emptying of manure pit, filled due to flood. Spreading of manure according to NRCS Nutrient Management Plan. Only pit volume due to flood cost shared. Pit constructed to NRCS standards in 2008 using EQIP funding. Flood required pit be pumped 6 months prior to planned pumping date.		
Category	LIVESTOCK WASTE MANAGEMENT		
Start Date	5-Aug-12	End Date	13-Nov-12
Has Rates and Hours?	No		
Actual Results	Pit pumped, manure spread according to NRCS nutrient management plan.		

Activity Action - Legacy Migrated Data			
Practice	633 - Waste Utilization	Count of Activities	1
Description	pumped pit		
Proposed Size / Units	81.00 AC	Lifespan	10 Years
Actual Size/Units	81.00 AC	Installed Date	13-Nov-12
Mapped Activities	1 Polygon(s)		

Final Indicator for Legacy Migrated Data

Indicator Name	BOD 5	Value	5606
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Kettle River		

Final Indicator for Legacy Migrated Data

Indicator Name	FECAL COLIFORM	Value	2.3
Indicator Subcategory/Units	MinnFARM CFU/YR	Calculation Tool	MINNFARM
Waterbody	Kettle River		

Final Indicator for Legacy Migrated Data

Indicator Name	NITROGEN	Value	1401
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Kettle River		

Final Indicator for Legacy Migrated Data

Indicator Name	COD	Value	25226
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Kettle River		

Final Indicator for Legacy Migrated Data

Indicator Name	PHOSPHORUS FEEDLOT (EST. REDUCTION)	Value	476
Indicator Subcategory/Units	MinnFARM LBS/YR	Calculation Tool	MINNFARM
Waterbody	Kettle River		



Grant Activity - Laura Bisel			
Description	Tree planting and seeding to stabilize landslide.		
Category	FORESTRY PRACTICES		
Start Date	16-Jan-13	End Date	09-Sep-13
Has Rates and Hours?	No		
Actual Results	Tree planting and seeding to stabilize landslide.		

Activity Action - Laura Bisel			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Critical area planting.		
Proposed Size / Units	1.80 AC	Lifespan	10 Years
Actual Size/Units	1.80 AC	Installed Date	9-Sep-13
Mapped Activities	1 Polygon(s)		

Final Indicator for Laura Bisel			
Indicator Name	SEDIMENT (TSS)	Value	940
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis River		

Final Indicator for Laura Bisel			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	940
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis River		

Final Indicator for Laura Bisel			
Indicator Name	SOIL (EST. SAVINGS)	Value	940
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis River		

Grant Activity - Steve Conley			
Description	Tree planting and seeding to stabilize landslides.		
Category	FORESTRY PRACTICES		
Start Date	26-Jul-12	End Date	12-Aug-13
Has Rates and Hours?	No		
Actual Results	Tree planting and seeding to stabilize landslides.		

Activity Action - Steve Conley			
Practice	342 - Critical Area Planting	Count of Activities	1
Description	Critical area planting.		
Proposed Size / Units	3.00 AC	Lifespan	10 Years
Actual Size/Units	3.00 AC	Installed Date	12-Aug-13
Mapped Activities	11 Polygon(s)		

Final Indicator for Steve Conley			
Indicator Name	SEDIMENT (TSS)	Value	15682
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis River		

Final Indicator for Steve Conley			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	15682
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis River		

Final Indicator for Steve Conley			
Indicator Name	SOIL (EST. SAVINGS)	Value	15682
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis River		

Grant Activity - Twin Lakes Township			
Description	Twin Lakes Township		
Category	AGRICULTURAL PRACTICES		
Start Date	15-Jun-15	End Date	21-Nov-16
Has Rates and Hours?	No		
Actual Results	Erosion Controlled. 80 LF 580		

Activity Action - Twin Lakes Township			
Practice	468 - Lined Waterway or Outlet	Count of Activities	1
Description	Creek outlet under W Chub Lake Rd stabilized.		
Proposed Size / Units	80.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	80.00 LINEAR FEET	Installed Date	5-Oct-16
Mapped Activities	1 Line(s)		

Final Indicator for Twin Lakes Township			
Indicator Name	SOIL (EST. SAVINGS)	Value	24
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	Chub Lake		

Final Indicator for Twin Lakes Township			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	24
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	Chub Lake		

Final Indicator for Twin Lakes Township			
Indicator Name	SEDIMENT (TSS)	Value	24
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	Chub Lake		

Grant Activity - Yvonne Ringstad			
Description	Gully stabilization.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	8-Nov-13	End Date	08-Oct-14
Has Rates and Hours?	No		
Actual Results	Gully stabilized.		

Activity Action - Yvonne Ringstad			
Practice	584 - Stream Channel Stabilization	Count of Activities	1
Description	Lineal feet of channel.		
Proposed Size / Units	400.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	330.00 LINEAR FEET	Installed Date	8-Oct-14
Mapped Activities	1 Line(s)		

Final Indicator for Yvonne Ringstad			
Indicator Name	SEDIMENT (TSS)	Value	600
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	St. Louis River		

Final Indicator for Yvonne Ringstad			
Indicator Name	SOIL (EST. SAVINGS)	Value	600
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	St. Louis River		

Final Indicator for Yvonne Ringstad			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	600
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	St. Louis River		

## Grant Attachments

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 12/17/2013
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2014

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/22/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/04/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/01/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/15/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/21/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/04/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/05/2014
Amendment	Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)
Amendment	Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)
Amendment	Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)
Carlton SWCD Amendment.pdf	Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)
grant_app_general-added.rpt	Grant	2012 Minnesota Flood relief Grant - Carlton (SWCD)