



## Grant All-Detail Report Cost Share 2016

**Grant Title** - 2016 - State Cost-Share Fund (Kandiyohi SWCD)

**Grant ID** - P16-0832

**Organization** - Kandiyohi SWCD

Original Awarded Amount	<b>\$14,294.00</b>	Grant Execution Date	<b>8/20/2015</b>
Required Match Amount	\$3,573.50	Original Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	Rick Reimer
Current Awarded Amount	\$14,294.00	Current End Date	12/31/2018

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$14,294.00	\$14,294.00	\$0.00
Total Match Amount	\$14,536.15	\$14,536.15	\$0.00
Total Other Funds	\$4,915.41	\$4,915.41	\$0.00
<b>Total</b>	<b>\$33,745.56</b>	<b>\$33,745.56</b>	<b>\$0.00</b>

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

### Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Barfnecht Shoreline Stab	Streambank or Shoreline Protection	Current State Grant	2016 - State Cost-Share Fund (Kandiyohi SWCD)	\$2,284.09	\$2,284.09	10/20/2015	N
Barfnecht Shoreline Stab	Streambank or Shoreline Protection	Other Funds	2015 - State Cost-Share Fund (Kandiyohi SWCD)	\$2,095.91	\$2,095.91	10/20/2015	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Barfnecht Shoreline Stab	Streambank or Shoreline Protection	Other Funds	2015 Landowner Contribution	\$1,460.00	\$1,460.00	10/20/2015	Y
Day Shoreline Stab	Streambank or Shoreline Protection	Current State Grant	2016 - State Cost-Share Fund (Kandiyohi SWCD)	\$2,400.00	\$2,400.00	6/21/2016	N
Day Shoreline Stab	Streambank or Shoreline Protection	Landowner Fund	Landowner Contribution	\$848.00	\$848.00	6/21/2016	Y
Dingels Shoreline Stab	Streambank or Shoreline Protection	Current State Grant	2016 - State Cost-Share Fund (Kandiyohi SWCD)	\$3,000.00	\$3,000.00	11/17/2015	N
Dingels Shoreline Stab	Streambank or Shoreline Protection	Landowner Fund	Landowner Contribution	\$11,448.40	\$11,448.40	11/17/2015	Y
Hein Well Decom	Groundwater	Current State Grant	2016 - State Cost-Share Fund (Kandiyohi SWCD)	\$124.75	\$124.75	11/17/2015	N
Hein Well Decom	Groundwater	Landowner Fund	Landowner Contribution	\$124.75	\$124.75	11/17/2015	Y
Jenniges Well Decom	Groundwater	Current State Grant	2016 - State Cost-Share Fund (Kandiyohi SWCD)	\$282.50	\$282.50	10/18/2016	N
Jenniges Well Decom	Groundwater	Landowner Fund	Landowner Contribution	\$282.50	\$282.50	10/18/2016	N
KPeterson Shoreline Stab	Streambank or Shoreline Protection	Current State Grant	2016 - State Cost-Share Fund (Kandiyohi SWCD)	\$4,375.00	\$4,375.00	10/20/2015	N
KPeterson Shoreline Stab	Streambank or Shoreline Protection	Landowner Fund	Landowner Contribution	\$1,475.00	\$1,475.00	10/20/2015	Y
Macik Windbreak	Wind Erosion	Current State Grant	2016 - State Cost-Share Fund (Kandiyohi SWCD)	\$380.00	\$380.00	7/14/2016	N
Macik Windbreak	Wind Erosion	Landowner Fund	Landowner Contribution	\$380.00	\$380.00	7/14/2016	N
O'Toole Well Decom	Groundwater	Current State Grant	2016 - State Cost-Share Fund (Kandiyohi SWCD)	\$300.00	\$300.00	12/15/2015	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
O'Toole Well Decom	Groundwater	Landowner Fund	Landowner Contribution	\$640.00	\$640.00	12/15/2015	Y
Steffen Well Decom	Groundwater	Current State Grant	2016 - State Cost-Share Fund (Kandiyohi SWCD)	\$300.00	\$300.00	10/18/2016	N
Steffen Well Decom	Groundwater	Landowner Fund	Landowner Contribution	\$697.00	\$697.00	10/18/2016	N
T & A	Technical/Engineering Assistance	Current State Grant	2016 - State Cost-Share Fund (Kandiyohi SWCD)	\$847.66	\$847.66	10/18/2016	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
380 - Windbreak/Shelterbelt Establishment	1	1	1350 LINEAR FEET	1350 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	50 LINEAR FEET	50 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	120 LINEAR FEET	120 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	85 LINEAR FEET	85 LINEAR FEET
351 - Well Decommissioning	4	4	1 COUNT	1 COUNT
580 - Streambank and Shoreline Protection	1	1	130 LINEAR FEET	130 LINEAR FEET

### Proposed Activity Indicators

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

Indicator Name	Total Value	Unit
SOIL (EST. SAVINGS)	240.00	TONS/YR
SEDIMENT (TSS)	185.00	TONS/YR
PHOSPHORUS (EST. REDUCTION)	171.00	LBS/YR
PREVENTION	2.00	COUNT

## Grant Activity

Grant Activity - Barfnecht Shoreline Stab			
Description	The landowner will install rock rip rap to stabilize shoreline that is eroding.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	15-Sep-15	End Date	20-Oct-15
Has Rates and Hours?	No		
Actual Results	Rock Rip rap was installed to stabilize shoreline.		

Activity Action - Barfnecht Shoreline Stab			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Rock rip rap was installed to stabilize shoreline.		
Proposed Size / Units	85.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	85.00 LINEAR FEET	Installed Date	10-Oct-15
Mapped Activities	1 Line(s)		

Final Indicator for Barfnecht Shoreline Stab			
Indicator Name	SOIL (EST. SAVINGS)	Value	55
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Norway Lake		
Final Indicator for Barfnecht Shoreline Stab			
Indicator Name	SEDIMENT (TSS)	Value	55

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Norway Lake		
Final Indicator for Barfnecht Shoreline Stab			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	46.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Norway Lake		

<b>Grant Activity - Day Shoreline Stab</b>			
Description	Day will restore degrading shoreline with slight reshaping, matting, and rock rip rap.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	17-May-16	End Date	21-Jun-16
Has Rates and Hours?	No		
Actual Results	Rock Rip rap was installed to control shoreline erosion for water quality		

<b>Activity Action - Day Shoreline Stab</b>			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Landowner will restore the degrading shoreline with fabric and rock rip rap		
Proposed Size / Units	50.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	50.00 LINEAR FEET	Installed Date	21-Jun-16
Mapped Activities	1 Line(s)		

Final Indicator for Day Shoreline Stab			
Indicator Name	SOIL (EST. SAVINGS)	Value	60
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	George Lake		
Final Indicator for Day Shoreline Stab			
Indicator Name	SEDIMENT (TSS)	Value	60
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	George Lake		

Final Indicator for Day Shoreline Stab			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	43.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	George Lake		

Grant Activity - Dingels Shoreline Stab			
Description	Rock rip rap and vegetation will be installed to stabilize shoreline that is eroding.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	15-Sep-15	End Date	17-Nov-15
Has Rates and Hours?	No		
Actual Results	Rock Rip rap and vegetation were installed to stabilize shoreline that is eroding.		

Activity Action - Dingels Shoreline Stab			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Rock Rip rap and vegetation were installed to help shoreline from eroding		
Proposed Size / Units	120.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	120.00 LINEAR FEET	Installed Date	2-Oct-15
Mapped Activities	1 Line(s)		

Final Indicator for Dingels Shoreline Stab			
Indicator Name	SOIL (EST. SAVINGS)	Value	35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Point Lake		

Final Indicator for Dingels Shoreline Stab			
Indicator Name	SEDIMENT (TSS)	Value	35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Point Lake		

Final Indicator for Dingels Shoreline Stab			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	40.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)

			STABILIZATION)
Waterbody	Point Lake		

Grant Activity - Hein Well Decom			
Description	Hein will seal the abandon well for water quality and safety.		
Category	GROUNDWATER		
Start Date	20-Oct-15	End Date	17-Nov-15
Has Rates and Hours?	No		
Actual Results	The landowner contracted with Marcus Well to seal the abandoned well for water quality and safety. Project is complete.		

Activity Action - Hein Well Decom			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Hein will seal abandoned well for water quality and safety		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	28-Oct-15
Mapped Activities	1 Point(s)		

Final Indicator for Hein Well Decom			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Jenniges Well Decom			
Description	Jenniges will seal abandoned well for water quality and safety		
Category	GROUNDWATER		
Start Date	20-Sep-16	End Date	18-Oct-16
Has Rates and Hours?	No		
Actual Results	Jenniges worked with Steffl Well and sealed the abandoned well for water quality. The project was completed		

Activity Action - Jenniges Well Decom			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Jenniges will work with Steffl Well to seal abandoned well for water quality and safety		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	
Mapped Activities	1 Point(s)		

Grant Activity - KPeterson Shoreline Stab			
Description	The landowner will install rock rip rap to stabilize shoreline stab		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	15-Sep-15	End Date	20-Oct-15
Has Rates and Hours?	No		
Actual Results	The landowner installed rock rip rap to stabilize. the shoreline		

Activity Action - KPeterson Shoreline Stab			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Rock Rip was installed to stabilize shoreline		
Proposed Size / Units	130.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	130.00 LINEAR FEET	Installed Date	15-Oct-15
Mapped Activities	1 Line(s)		

Final Indicator for KPeterson Shoreline Stab			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	40.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Henderson Lake		

Final Indicator for KPeterson Shoreline Stab			
Indicator Name	SOIL (EST. SAVINGS)	Value	35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Henderson Lake		



Final Indicator for KPeterson Shoreline Stab			
Indicator Name	SEDIMENT (TSS)	Value	35
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Henderson Lake		

Grant Activity - Macik Windbreak			
Description	The landowner would like to control wind erosion by installing a field windbreak		
Category	WIND EROSION		
Start Date	15-Mar-16	End Date	14-Jul-16
Has Rates and Hours?	No		
Actual Results	A field windbreak was installed by landowner to control wind erosion		

Activity Action - Macik Windbreak			
Practice	380 - Windbreak/Shelterbelt Establishment	Count of Activities	1
Description	A field windbreak was installed to control wind		
Proposed Size / Units	1,350.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,350.00 LINEAR FEET	Installed Date	14-Jul-16
Mapped Activities	1 Line(s)		

Final Indicator for Macik Windbreak			
Indicator Name	SOIL (EST. SAVINGS)	Value	55
Indicator Subcategory/Units	WIND EROSION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	none		

Grant Activity - O'Toole Well Decom			
Description	O'Toole will seal abandon well for water quality and safety.		
Category	GROUNDWATER		
Start Date	20-Oct-15	End Date	15-Dec-15
Has Rates and Hours?	No		
Actual Results	The landowner contacted Jacobs Well Co to seal abandoned well for water quality and safety. The project was completed.		

Activity Action - O'Toole Well Decom			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	O'Toole will seal abandon well for water quality and safety		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	27-Oct-15
Mapped Activities	1 Point(s)		

Final Indicator for O'Toole Well Decom			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Steffen Well Decom			
Description	Steffen will work with Their Well to seal the abandon well for water quality and safety		
Category	GROUNDWATER		
Start Date	20-Sep-16	End Date	18-Oct-16
Has Rates and Hours?	No		
Actual Results	David Steffen worked with Their Well to seal the abandoned well for water quality and safety. The project was completed		

Activity Action - Steffen Well Decom			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Steffen will work with Their well to seal abandon well for water quality and safety		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	
Mapped Activities	1 Point(s)		

Grant Activity - T & A			
Description	The Kandiyohi SWCD staff will oversee the Administration and technical aspects on all state cost share projects. The projects are authorized in our office from Rick Reimer. Sandy Laumer office coordinator will complete the state cost share ledgers, oversee contracts and input eLINK reporting.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	20-Aug-15	End Date	
Has Rates and Hours?	No		
Actual Results	Technical and administrative support was provided on the completed projects. At this time Rick has spent 8 hours on technical support on the projects at billable rate of \$52.10 and 8 hrs x 44.31 for total of \$771.28 . Sandy Laumer has spent 6 hours on administrative support at billable rate of \$31.30 and 5 hours x 28.31 for total of \$298.05. Not all time was charged to the grant.		

### Grant Attachments

Document Name	Document Type	Description
<b>2016 Cost share Financial Report</b>	Grant	2016 - State Cost-Share Fund (Kandiyohi SWCD)
<b>2016 SWCD Programs and Operations Grant</b>	Grant Agreement	2016 SWCD Programs and Operations Grants - Kandiyohi SWCD
<b>2016 SWCD Programs and Operations Grant executed</b>	Grant Agreement	2016 SWCD Programs and Operations Grants - Kandiyohi SWCD