



Grant All-Detail Report Disaster Relief 2016

Grant Title - 2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)

Grant ID - P16-3099

Organization - Murray SWCD

Grant Awarded Amount	\$133,440.00	Grant Execution Date	9/14/2015
Required Match Amount	\$0.00	Grant End Date	12/31/2017
Required Match %	0%	Grant Day To Day Contact	Shelly Lewis

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$133,440.00	\$71,527.82	\$61,912.18
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$47,560.99	\$31,000.00	\$16,560.99
Total	\$181,000.99	\$102,527.82	\$78,473.17

*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
2014 Technical MN Flood Relief Phase 2	Technical/Engineering Assistance	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)	\$20,000.00	\$6,812.63	10/12/2017	N
Brian Richardson Basins	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)	\$18,250.50			N
Brian Richardson Basins	Agricultural Practices	Landowner Fund	Landowner Fund Richardson	\$0.00			Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Daniel Mihin Waterway	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)	\$2,200.00	\$2,200.00	10/10/2016	N
Daniel Mihin Waterway	Agricultural Practices	Landowner Fund	Landowner Fund Mihin	\$0.00			Y
Flood Relief Grant Phase 2 Administrative	Administration /Coordination	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)	\$6,688.00	\$4,409.69	12/31/2017	N
Harvey Larson Basins	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)	\$24,177.63			N
Harvey Larson Basins	Agricultural Practices	Landowner Fund	Landowner Fund Larson	\$0.00			Y
Harvey Larson Basins	Agricultural Practices	Other Funds	2014 - Minnesota Flood Relief Grant (Murray SWCD)	\$16,560.99			N
Harvey Larson Basins	Agricultural Practices	Other Funds	Landowner Contribution Larson	\$0.00			Y
Harvey Sas Embankment Repair	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)	\$21,229.00	\$21,229.00	6/7/2016	N
Harvey Sas Embankment Repair	Agricultural Practices	Landowner Fund	Landowner Fund Sas	\$0.00			Y
Harvey Sas Embankment Repair	Agricultural Practices	Other Funds	2014 - Minnesota Flood Relief Grant (Murray SWCD)	\$31,000.00	\$31,000.00	6/7/2016	N
Harvey Sas Embankment Repair	Agricultural Practices	Other Funds	Landowner Contribution Sas	\$0.00			Y
Jim Bose Sediment Basins	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)	\$18,601.50	\$18,601.50	1/14/2016	N
Jim Bose Sediment Basins	Agricultural Practices	Landowner Fund	Landowner Fund Bose	\$0.00			Y
Lais Farms, Inc. Sediment Basins	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)	\$15,406.50	\$15,406.50	12/8/2016	N
Lais Farms, Inc. Sediment Basins	Agricultural Practices	Landowner Fund	Landowner Fund Lais	\$0.00			Y
Robert Ossefoort Grass Waterway	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)	\$2,868.50	\$2,868.50	11/10/2016	N
Robert Ossefoort Grass Waterway	Agricultural Practices	Landowner Fund	Landowner Fund Ossefoort	\$0.00			Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
412 - Grassed Waterway and Swales	1	1	700 LINEAR FEET	700 LINEAR FEET
638 - Water and Sediment Control Basin	6	6	1150 LINEAR FEET	1150 LINEAR FEET
378 - Pond for Water Use	1	2	5.4 AC	5.4 AC
412 - Grassed Waterway and Swales	1	1	1 AC	1 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
SEDIMENT (TSS)	67.14	TONS/YR
PHOSPHORUS (EST. REDUCTION)	68.65	LBS/YR
PREVENTION	16.00	COUNT
SOIL (EST. SAVINGS)	155.28	TONS/YR

Grant Activity

Grant Activity - 2014 Technical MN Flood Relief Phase 2	
Description	2014 Technical MN Flood Relief Phase 2
Category	TECHNICAL/ENGINEERING ASSISTANCE
Start Date	16-Sep-15
End Date	
Has Rates and Hours?	No
Actual Results	<p>DR2-01-District Manager-technical-8hrs@46.61=\$372.88</p> <p>All practices will be designed to USDA NRCS practice standards. The Southwest Prairie Technical Service Area (SWPTSA) has technical approval authority and were paid for the following practices they designed and/or inspected:</p> <p>DR2-02 Jeff Lais-890.96</p> <p>DR2-04 Robert Ossefoort-834.02</p> <p>DR-01 Harvey Sas-1,953.19</p> <p>DR-06 Donald Van Iperen-736.18</p> <p>Miersma-no contract-56.63</p> <p>Crowley-no contract-113.26</p> <p>Total expended through December 2016-\$4,957.12</p> <p>2017 Technical:</p> <p>DR2-02 Lais-474.60</p> <p>DR-05 Larson 755.49</p> <p>Crowley-no contract 286.48</p> <p>Miersma-no contract 338.94</p> <p>2017 total-\$1,855.51</p> <p>Total Expended to Date: \$6,812.63</p>

Grant Activity - Brian Richardson Basins			
Description	Brian Richardson Basins		
Category	AGRICULTURAL PRACTICES		
Start Date	11-Aug-16	End Date	
Has Rates and Hours?	No		
Actual Results	No Funds Expended to date 12/31/2017		

Grant Activity - Daniel Mihin Waterway			
Description	Daniel Mihin Waterway		
Category	AGRICULTURAL PRACTICES		
Start Date	10-Mar-16	End Date	10-Oct-16
Has Rates and Hours?	No		
Actual Results	Daniel Mihin completed repair on the Grass Waterway located in Lowville Township Section 33 SW,NW The NRCS provided the Technical Service. The waterway which was constructed to control erosion and improve water quality was repaired from the damage of the flood. The Flood Relief grant paid 100% of the project cost		

Activity Action - Daniel Mihin Waterway			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Grass Waterway		
Proposed Size / Units	1.00 AC	Lifespan	10 Years
Actual Size/Units	1.00 AC	Installed Date	10-Oct-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Daniel Mihin Waterway			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3.60
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	ditch		

Final Indicator for Daniel Mihin Waterway			
Indicator Name	SOIL (EST. SAVINGS)	Value	15.86
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	ditch		

Final Indicator for Daniel Mihin Waterway			
Indicator Name	SEDIMENT (TSS)	Value	3.60
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	ditch		

Grant Activity - Flood Relief Grant Phase 2 Administrative			
Description	Flood Relief Grant Phase 2 Administrative		
Category	ADMINISTRATION/COORDINATION		
Start Date	16-Sep-15	End Date	
Has Rates and Hours?	No		
Actual Results	Administrative Hours to complete contracts, eLink reporting are: 2016: Shelly Lewis-12 hrs @31.76=381.12 Howard Konkol-15 hrs @ 46.61=699.15 2016 funds spent:1080.27 2017 Administration: District Technician: 37.5 hrs@25.71/hr=964.12 District Administrator-54.5 hrs@43.40/hr=2,365.30 2017 funds spend:\$3,329.42 Total Funds Expended to Date: \$4,409.69		

Grant Activity - Harvey Larson Basins			
Description	Harvey Larson sediment basins located in Mason township section 27 E1/2		
Category	AGRICULTURAL PRACTICES		
Start Date	11-Jul-17	End Date	
Has Rates and Hours?	No		
Actual Results	No Funds expended as of December 31, 2017		

Grant Activity - Harvey Sas Embankment Repair			
Description	Harvey Sas Embankment Repair		
Category	AGRICULTURAL PRACTICES		
Start Date	14-May-15	End Date	07-Jun-16
Has Rates and Hours?	No		
Actual Results	Harvey Sas' pond located in Moulton section 22 was repaired due to the damage of the 2014 flood. The Southwest Prairie Technical Service provided the Technical for the project. The total project cost was \$52,229.00 of that amount \$31,000.00 (Flood Recovery), \$21,229.00 (Phase 2 Flood Recovery) The Flood Relief Grant provided 100% cost-share to the landowner so contribution was 0		

Activity Action - Harvey Sas Pond Repair			
Practice	378 - Pond for Water Use	Count of Activities	1
Description	Harvey Sas Pond		
Proposed Size / Units	5.40 AC	Lifespan	10 Years
Actual Size/Units	5.40 AC	Installed Date	7-Jun-16
Mapped Activities	2 Point(s)		

Final Indicator for Harvey Sas Pond Repair			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	39.78
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Rock River		

Final Indicator for Harvey Sas Pond Repair			
Indicator Name	SOIL (EST. SAVINGS)	Value	39.78
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Rock River		

Final Indicator for Harvey Sas Pond Repair			
Indicator Name	SEDIMENT (TSS)	Value	39.78
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Rock River		

Grant Activity - Jim Bose Sediment Basins			
Description	Jim Bose Sediment Basins located in Slayton Township Section 17		
Category	AGRICULTURAL PRACTICES		
Start Date	15-Oct-15	End Date	14-Jan-16
Has Rates and Hours?	No		
Actual Results	Jim Bose #DR2-01- completed 2 sediment basins to store water and release it slowly. In this process, they halt the advance of gullies, improve water quality by collecting and trapping sediment, and help improve the farmability of rilled cropland located in Slayton Township Section 17. The NRCS provided the technical service for the project. The total project cost was \$18,601.50. The Flood Relief grant provided 100% cost-share for the project		

Activity Action - Sediment Basins			
Practice	638 - Water and Sediment Control Basin	Count of Activities	2
Description	2-Water & Sediment Control Basins Located in Slayton Township Section 17-James Bose		
Proposed Size / Units	1,150.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,150.00 LINEAR FEET	Installed Date	14-Jan-16
Mapped Activities	2 Point(s)		

Final Indicator for Sediment Basins			
Indicator Name	PREVENTION	Value	16
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Intake Ditch		

Grant Activity - Lais Farms, Inc. Sediment Basins			
Description	Lais Farms, Inc. Sediment Basins located in Fenton Township Section 31		
Category	AGRICULTURAL PRACTICES		
Start Date	12-Nov-15	End Date	08-Dec-16
Has Rates and Hours?	No		
Actual Results	Lais Farms located in Fenton Township section 31 SW1/4 completed 4 basins to store water and release it slowly so they halt the advance of gullies and improve water quality by collecting and trapping sediment. The SWPTSA provided the technical work.		

Activity Action - Lais Farms Sediment Basins			
Practice	638 - Water and Sediment Control Basin	Count of Activities	4
Description			
Proposed Size / Units	1,150.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	1,150.00 LINEAR FEET	Installed Date	8-Dec-16
Mapped Activities	4 Point(s)		

Final Indicator for Lais Farms Sediment Basins			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	11.66
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	stream		
Final Indicator for Lais Farms Sediment Basins			
Indicator Name	SOIL (EST. SAVINGS)	Value	46.85
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	stream		
Final Indicator for Lais Farms Sediment Basins			
Indicator Name	SEDIMENT (TSS)	Value	10.15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	stream		

Grant Activity - Robert Ossefoort Grass Waterway			
Description	Robert Ossefoort-Grass Waterway located in Chanarmbie Township Section 20 SW1/4		
Category	AGRICULTURAL PRACTICES		
Start Date	14-Apr-16	End Date	10-Nov-16
Has Rates and Hours?	No		
Actual Results	Robert Ossefoort completed a Grass Waterway located in Chanarmbie Township Section 20 SW1/4. The Grassed waterway was constructed to control erosion and improve water quality in areas of concentrated excess surface runoff. The SWPTSA provided the technical work. The Flood Relief Grant provided 100% cost-share for the project.		

Activity Action - Robert Ossefoort Waterway			
Practice	412 - Grassed Waterway and Swales	Count of Activities	1
Description	Robert Ossefoort Grass Waterway		
Proposed Size / Units	700.00 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	700.00 LINEAR FEET	Installed Date	10-Nov-16
Mapped Activities	1 Polygon(s)		

Final Indicator for Robert Ossefoort Waterway			
Indicator Name	SEDIMENT (TSS)	Value	13.61
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	stream		

Final Indicator for Robert Ossefoort Waterway			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	13.61
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	stream		

Final Indicator for Robert Ossefoort Waterway			
Indicator Name	SOIL (EST. SAVINGS)	Value	52.79
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	stream		

Grant Attachments

Document Name	Document Type	Description
2014 DR-4182 Flood Relief Phase 2	Grant Agreement	2014 DR-4182 Flood Relief Phase 2 - Murray SWCD
2014 DR-4182 Flood Relief Phase 2 executed	Grant Agreement	2014 DR-4182 Flood Relief Phase 2 - Murray SWCD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/19/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/23/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/05/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/02/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/03/2017

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/20/2017
Amendment	Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)
CY16 Murray SWCD eLink Reporting Needs	Journal	Journal Dated - 03/20/2017
Murray SWCD CY17 eLINK Reporting Needs	Journal	Journal Dated - 02/05/2018
P16-3099 Checklist	Journal	Journal Dated - 02/08/2017
P16-3099 Financial Report	Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)
Request to Extend Grant Agreement through Extension	Journal	Journal Dated - 09/12/2017