



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	\$105,244.00	\$67,206.76	\$66,233.24
Total Match Amount			\$0.00
Total Other Funds	\$31,000.00	\$31,000.00	\$0.00
Total	\$136,244.00	\$98,206.76	\$66,233.24

*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
2014 Technical MN Flood Relief Phase 2	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)	\$20,000.00	\$5,050.74	10/10/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction	
						Date	Match
Brian Richardson Basins	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)	\$18,250.50			N
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
Flood Relief Grant Phase 2 Administrative	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)	\$6,688.00	\$1,850.52	1/19/2017	N
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	Other Funds	2014 - Minnesota Flood Relief Grant (Murray SWCD)	\$31,000.00	\$31,000.00	6/7/2016	N
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
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
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

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

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
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	AGRICULTURAL PRACTICES		
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-927.64</p> <p>DR-01 Harvey Sas-1,953.19</p> <p>DR-06 Donald Van Iperen-792.81</p> <p>Miersma-no contract-113.26</p> <p>Total expended through December 2016-\$5,050.74</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 12/31/2016		

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 a Grass Waterway located in Lowville Township Section 33 SW,NW		

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	AGRICULTURAL PRACTICES		
Start Date	16-Sep-15	End Date	
Has Rates and Hours?	No		
Actual Results	Administrative Hours to complete contracts, eLink reporting are: Shelly Lewis-12 hrs @31.76=381.12 Howard Konkol-15 hrs @ 46.61=699.15 District Administrator-Shelly Lewis-25hrs @30.81=\$770.25 Total funds spent:1850.52		

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.		

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	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		
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		

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		

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.		

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	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	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	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 Chanarambie Township Section 20 SW1/4. Grassed waterways are constructed to control erosion and improve water quality in areas of concentrated excess surface runoff.		

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	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	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	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
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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 - 01/25/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/23/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/19/2017
P16-3099 Checklist	Journal	Journal Dated - 02/08/2017
P16-3099 Financial Report	Grant	2014 - Minnesota Flood Relief Grant Phase 2 (Murray SWCD)