



Grant All-Detail Report LWM-NRBG 2020

Grant Title - 2020 - Local Water Management - NRBG (Redwood County)

Grant ID - P20-6507

Organization - Redwood County

Original Awarded Amount	\$14,472.00	Grant Execution Date	12/2/2019
Required Match Amount	\$0.00	Original Grant End Date	12/31/2022
Required Match %	0%	Grant Day To Day Contact	Scott Wold
Current Awarded Amount	\$14,472.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$12,051.46	\$12,051.46	\$2,420.54
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$12,051.46	\$12,051.46	\$2,420.54

**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
Dan Peterson- well	Groundwater	Current State Grant	2020 - Local Water Management - NRBG (Redwood County)	\$1,000.00	\$1,000.00	6/19/2020	N
Gerald Blue	Agricultural Practices	Current State Grant	2020 - Local Water Management - NRBG (Redwood County)	\$676.00	\$676.00	9/8/2020	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Glen Netzke	Agricultural Practices	Current State Grant	2020 - Local Water Management - NRBG (Redwood County)	\$880.00	\$880.00	7/10/2020	N
Guggisberg Farms Inc	Agricultural Practices	Current State Grant	2020 - Local Water Management - NRBG (Redwood County)	\$760.00	\$760.00	9/22/2020	N
James Billmeier	Agricultural Practices	Current State Grant	2020 - Local Water Management - NRBG (Redwood County)	\$620.00	\$620.00	7/10/2020	N
Jeff Bertchi	Agricultural Practices	Current State Grant	2020 - Local Water Management - NRBG (Redwood County)	\$2,400.00	\$2,400.00	10/8/2021	N
Joel Samyn	Non-Structural Management Practices	Current State Grant	2020 - Local Water Management - NRBG (Redwood County)	\$512.92	\$512.92	5/6/2021	N
Justin Morin	Non-Structural Management Practices	Current State Grant	2020 - Local Water Management - NRBG (Redwood County)	\$1,466.00	\$1,466.00	10/19/2020	N
Kurt Netzke	Agricultural Practices	Current State Grant	2020 - Local Water Management - NRBG (Redwood County)	\$816.54	\$816.54	7/10/2020	N
Leo Mertens	Agricultural Practices	Current State Grant	2020 - Local Water Management - NRBG (Redwood County)	\$1,320.00	\$1,320.00	7/10/2020	N
Matthew Samyn	Non-Structural Management Practices	Current State Grant	2020 - Local Water Management - NRBG (Redwood County)	\$1,600.00	\$1,600.00	9/7/2021	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
410 - Grade Stabilization Structure	3	1	3 COUNT	3 COUNT
329B - Conservation Tillage	3	2	80 AC	80 AC

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
329B - Conservation Tillage	1	3	73.3 AC	73.3 AC
340 - Cover Crop	1	1	38 AC	38 AC
340 - Cover Crop	1	1	33.8 AC	33.8 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)	24.12	TONS/YR
SOIL (EST. SAVINGS)	75.64	TONS/YR
PHOSPHORUS (EST. REDUCTION)	37.34	LBS/YR

Grant Activity

Grant Activity - Dan Peterson- well			
Description	Seal Abandon well		
Category	GROUNDWATER		
Start Date	17-Mar-20	End Date	29-Jun-20
Has Rates and Hours?	No		
Actual Results	6.19.20 \$1000.00 well decommissioning on 2 wells for Dan Peterson 06/29/2020 Sealed abandons wells (2)		

Grant Activity - Gerald Blue			
Description	Planted Cereal Rye after corn.		
Category	AGRICULTURAL PRACTICES		
Start Date	8-Sep-20	End Date	07-Jun-21
Has Rates and Hours?	No		
Actual Results	7.10.20 \$800.00 Cover Crops, Gerald Blue 06/07/2021 prevent wind and water erosion, protecting soil surface from wind and water erosion.		

Activity Action - Gerald Blue			
Practice	340 - Cover Crop	Count of Activities	1
Description	Planted cereal rye after corn.		
Proposed Size / Units	33.80 AC	Lifespan	1 Year
Actual Size/Units	33.80 AC	Installed Date	7-Jun-21
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Gerald Blue			
Indicator Name	SEDIMENT (TSS)	Value	5.85
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Middle Minn watershed		

Final Indicator for Gerald Blue			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	8.84
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Middle Minn Watershed		

Final Indicator for Gerald Blue			
Indicator Name	SOIL (EST. SAVINGS)	Value	16.70
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Middle Minn Watershed		

Grant Activity - Glen Netzke			
Description	Longterm filter strip, 4.4 acres		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	7.10.20 \$880.00 Filter Strip for Glen Netzke		

Grant Activity - Guggisberg Farms Inc			
Description	Planting of multi species cover crop mix, fall graze		
Category	AGRICULTURAL PRACTICES		
Start Date	8-Jun-20	End Date	22-Sep-20
Has Rates and Hours?	No		
Actual Results	9.22.20 \$760.00 Cover Crop for Guggisburg Farm, Inc 9.22.20 Ariel application multi species cover crop mix in Standing corn.		

Activity Action - Guggisburg Farms Inc			
Practice	340 - Cover Crop	Count of Activities	1
Description	Ariel application multiple seed mix in standing corn.		
Proposed Size / Units	38.00 AC	Lifespan	1 Year
Actual Size/Units	38.00 AC	Installed Date	8-Jun-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Guggisburg Farms Inc			
Indicator Name	SOIL (EST. SAVINGS)	Value	16.72
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Middle Minnesota Watershed		

Final Indicator for Guggisburg Farms Inc			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9.74
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Middle Minnesota Watershed		

Final Indicator for Guggisburg Farms Inc			
Indicator Name	SEDIMENT (TSS)	Value	5.85
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Middle Minnesota Watershed		

Grant Activity - James Billmeier			
Description	Long term filter strip - 3.1 acres		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	7.10.21 \$620.00 long term filter strip James Billmeier		

Grant Activity - Jeff Bertchi			
Description	Grade Stabilization		
Category	AGRICULTURAL PRACTICES		
Start Date	8-Oct-21	End Date	24-Nov-21
Has Rates and Hours?	No		
Actual Results	Built 3 earthen berms to control gully erosion.		

Activity Action - Jeff Bertchi			
Practice	410 - Grade Stabilization Structure	Count of Activities	3
Description	Built 3 earthen berms to control gully erosion.		
Proposed Size / Units	3.00 COUNT	Lifespan	15 Years
Actual Size/Units	3.00 COUNT	Installed Date	22-Nov-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for Jeff Bertchi			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3.57
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Pell Creek Water Shed		

Final Indicator for Jeff Bertchi			
Indicator Name	SOIL (EST. SAVINGS)	Value	16.83

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Pell Creek Water Shed		
Final Indicator for Jeff Bertchi			
Indicator Name	SEDIMENT (TSS)	Value	3.57
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	Pell Creek Water Shed		

Grant Activity - Joel Samyn			
Description	No till (Partial remaining)		
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	6-May-21	End Date	04-Sep-21
Has Rates and Hours?	No		
Actual Results	9.4.2021 No-Tilled soybeans into corn stubble.		

Activity Action - Joel Samyn			
Practice	329B - Conservation Tillage	Count of Activities	1
Description	No-Tilled soybeans into corn stubble.		
Proposed Size / Units	80.00 AC	Lifespan	1 Year
Actual Size/Units	80.00 AC	Installed Date	4-Sep-21
Mapped Activities	No	Technical Assistance Provider	SWCD

Final Indicator for Joel Samyn			
Indicator Name	SOIL (EST. SAVINGS)	Value	1.60
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Yellow Medicine Watershed		
Final Indicator for Joel Samyn			
Indicator Name	SEDIMENT (TSS)	Value	0.56
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Yellow Medicine Watershed		
Final Indicator for Joel Samyn			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Yellow Medicine Watershed		

Grant Activity - Justin Morin			
Description	No-till soybean in standing Corn stubble		
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	19-Oct-20	End Date	26-Jul-21
Has Rates and Hours?	No		
Actual Results	7.10.20 \$1,466.00 Justin Morin, No-till 7.26.2021 No-till soybeans into standing corn stubble 1.15.21 No-till soybeans into standing corn stubble.		

Activity Action - Justin Morin			
Practice	329B - Conservation Tillage	Count of Activities	1
Description	No-till soybeans into standing corn stubble		
Proposed Size / Units	73.30 AC	Lifespan	1 Year
Actual Size/Units	73.30 AC	Installed Date	19-Oct-20
Mapped Activities	3 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Justin Morin			
Indicator Name	SOIL (EST. SAVINGS)	Value	2.19
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Cottonwood Watershed		

Final Indicator for Justin Morin			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.58
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Cottonwood watershed		

Final Indicator for Justin Morin			
Indicator Name	SEDIMENT (TSS)	Value	0.77
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Cottonwood watershed		

Grant Activity - Kurt Netzke			
Description	Long term filter strip		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	7.10.20 \$816.54 long term filter strip Kurt Netzke		

Grant Activity - Leo Mertens			
Description	Longterm filter strip		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	7.10.20 \$1,320.00 long term filter strip Leo Mertens		

Grant Activity - Matthew Samyn			
Description	No Till		
Category	NON-STRUCTURAL MANAGEMENT PRACTICES		
Start Date	22-May-20	End Date	04-Sep-21
Has Rates and Hours?	No		
Actual Results	09/04/2021; No-tilled soybeans into corn stubble		

Activity Action - Matthew Samyn			
Practice	329B - Conservation Tillage	Count of Activities	1
Description	No-till soybeans into corn stubble		
Proposed Size / Units	80.00 AC	Lifespan	1 Year
Actual Size/Units	80.00 AC	Installed Date	22-May-20
Mapped Activities	1 Polygon(s)	Technical Assistance Provider	SWCD

Final Indicator for Matthew Samyn			
Indicator Name	SOIL (EST. SAVINGS)	Value	5.60

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Yellow Medicine Watershed		
Final Indicator for Matthew Samyn			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	3.93
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Yellow Medicine Watershed		
Final Indicator for Matthew Samyn			
Indicator Name	SEDIMENT (TSS)	Value	1.96
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (FILTER STRIP)
Waterbody	Yellow Medicine Watershed		

Grant Attachments

Document Name	Document Type	Description
2020 Local Water Management	Grant	2020 - Local Water Management - NRBG (Redwood County)
2020/2021 Natural Resources Block Grant	Grant Agreement	2020/2021 Natural Resources Block Grant - Redwood County
2020/2021 Natural Resources Block Grant EXECUTED	Grant Agreement	2020/2021 Natural Resources Block Grant - Redwood County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/24/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/17/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/15/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/16/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/21/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/27/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/27/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 05/01/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/29/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/26/2021