



Grant All-Detail Report LWM-NRBG 2021

Grant Title - 2021 - Local Water Management - NRBG (Rock County)

Grant ID - P21-6597

Organization - Rock County

Original Awarded Amount	\$15,175.00	Grant Execution Date	9/23/2019
Required Match Amount	\$0.00	Original Grant End Date	12/31/2022
Required Match %	0%	Grant Day To Day Contact	Mary Thompson
Current Awarded Amount	\$15,175.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$15,175.00	\$15,174.00	\$1.00
Total Match Amount	\$5,150.00	\$5,150.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$20,325.00	\$20,324.00	\$1.00

*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
Admin/Coordination	Administration /Coordination	Current State Grant	2021 - Local Water Management - NRBG (Rock County)	\$5,863.04	\$5,862.04	12/31/2021	N
Howard Van Wyhe Well Sealing	Groundwater	Current State Grant	2021 - Local Water Management - NRBG (Rock County)	\$300.00	\$300.00	11/17/2021	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Howard Van Wyhe Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$500.00	\$500.00	11/17/2021	Y
Renate Johnson Well Sealing	Groundwater	Current State Grant	2021 - Local Water Management - NRBG (Rock County)	\$300.00	\$300.00	12/16/2021	N
Renate Johnson Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$550.00	\$550.00	12/16/2021	Y
Ron Fruechte Well Sealing	Groundwater	Current State Grant	2021 - Local Water Management - NRBG (Rock County)	\$900.00	\$900.00	9/15/2021	N
Ron Fruechte Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$1,250.00	\$1,250.00	9/15/2021	Y
Ryan Houg Well Sealing	Groundwater	Current State Grant	2021 - Local Water Management - NRBG (Rock County)	\$300.00	\$300.00	3/11/2021	N
Ryan Houg Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$1,700.00	\$1,700.00	3/1/2021	Y
Ryan Johnson Well Sealing	Groundwater	Current State Grant	2021 - Local Water Management - NRBG (Rock County)	\$300.00	\$300.00	8/9/2021	N
Ryan Johnson Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$450.00	\$450.00	8/9/2021	Y
Van Santen Farms Well Sealing	Groundwater	Current State Grant	2021 - Local Water Management - NRBG (Rock County)	\$300.00	\$300.00	12/28/2021	N
Van Santen Farms Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$700.00	\$700.00	12/28/2021	Y
Water Sampling	Monitoring/Data Collection	Current State Grant	2021 - Local Water Management - NRBG (Rock County)	\$6,911.96	\$6,911.96	12/31/2021	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
351 - Well Decommissioning	3	3	3 COUNT	3 COUNT
351 - Well Decommissioning	5	5	1 COUNT	1 COUNT

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
PREVENTION	8.00	COUNT

Grant Activity

Grant Activity - Admin/Coordination			
Description	Admin/Coordination		
Category	ADMINISTRATION/COORDINATION		
Start Date	8-Oct-20	End Date	31-Dec-21
Has Rates and Hours?	No		
Actual Results	<p>Paid the salary of the water planner, technicians and administrative staff. Responsibilities involve the Missouri River Watershed, One Watershed/One Plan with partnering SWCDs, Counties and Watershed Districts to protect and improve water quality and quantity through development of programs and ideas for water quality, educational activities and programs. Our staff will be instrumental in implementation of the Missouri River Watershed work plan to provide education, technical assistance and promotion of the action items to meet the goals of the Comprehensive Water Plan. We will work with public water suppliers to protect and improve water quality and quantity, especially nitrates in ground water utilizing promotion and cost share of best management practices and long term easement programs.</p> <p>Rock County constructed and provided cost share for sixteen conservation projects using MRWP funds in 2021.</p> <p>Office Manager: $33.55 \times 1 = \\$33.55$ Assistant Director: $65.17 \times 316 = \\$20,593.72$ Engineer Technician: $52.59 \times 219.5 = \\$11,543.51$ Office Manager: $33.35 \times 123.5 = \\$4,118.73$ Director: $75.13 \times 16.5 = \\$1,239.65$ Total : $\\$37,529.15$</p>		

Grant Activity - Howard Van Wyhe Well Sealing			
Description	Well Sealing		
Category	GROUNDWATER		
Start Date	17-Nov-21	End Date	17-Nov-21
Has Rates and Hours?	No		
Actual Results	One abandoned well sealed by licensed well sealer.		

Activity Action - Howard Van Wyhe Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	One abandoned well sealed by licensed well sealer.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	17-Nov-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for Howard Van Wyhe Well Sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Renate Johnson Well Sealing			
Description	Well Sealing		
Category	GROUNDWATER		
Start Date	13-Dec-21	End Date	13-Dec-21
Has Rates and Hours?	No		
Actual Results	One abandoned well sealed by licensed well sealer.		

Activity Action - Renate Johnson Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	One abandoned well sealed by licensed well sealer.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	13-Dec-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for Renate Johnson Well Sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Ron Fruechte Well Sealing			
Description	Well Sealing		
Category	GROUNDWATER		
Start Date	15-Sep-21	End Date	15-Sep-21
Has Rates and Hours?	No		
Actual Results	Three abandoned wells sealed by licensed well sealer. Cost Share \$300 per well.		

Activity Action - Ron Fruechte Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	3
Description	Sealed 3 abandoned wells. Wells sealed by licensed well sealer.		
Proposed Size / Units	3.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	3.00 COUNT	Installed Date	15-Sep-21
Mapped Activities	3 Point(s)	Technical Assistance Provider	Other

Final Indicator for Ron Fruechte Well Sealing			
Indicator Name	PREVENTION	Value	3
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Ryan Houg Well Sealing			
Description	Well Sealing		
Category	GROUNDWATER		
Start Date	30-Jan-21	End Date	11-Mar-21
Has Rates and Hours?	No		
Actual Results	One abandoned well sealed by licensed well sealer.		

Activity Action - Ryan Houg Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	One abandoned well sealed by licensed well sealer.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	30-Jan-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	Other

Final Indicator for Ryan Houg Well Sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Ryan Johnson Well Sealing			
Description	Well Sealing		
Category	GROUNDWATER		
Start Date	2-Jul-21	End Date	09-Jul-21
Has Rates and Hours?	No		
Actual Results	Sealed 1 abandoned well. Well sealed by licensed well sealer.		

Activity Action - Ryan Johnson Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	One abandoned well sealed by licensed well sealer.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	2-Jul-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	Other

Final Indicator for Ryan Johnson Well Sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Van Santen Farms Well Sealing			
Description	Well Sealing		
Category	GROUNDWATER		
Start Date	20-Oct-21	End Date	20-Oct-21
Has Rates and Hours?	No		
Actual Results	One abandoned well sealed by licensed well sealer.		

Activity Action - Van Santen Farms Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	One abandoned well sealed by licensed well sealer.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	20-Oct-21
Mapped Activities	1 Point(s)	Technical Assistance Provider	SWCD

Final Indicator for Van Santen Farms Well Sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Water Sampling

Description	The Rock River has been placed on the EPA 303(d) list of impaired waters for mercury, ammonia, fecal coliform and turbidity. Samples taken will be collected from 4 sites in the Rock River Watershed, 1 site in the Mud Creek Watershed and 2 tile sites located in Magnolia Township Sections 8 and 31. Data obtained from the project will be used for TMDL Assessment purposes. Water chemistry, temperature and transparency data are collected and used to monitor project effectiveness. Water samples taken are considered a snapshot of the current water quality conditions. Samples will be taken monthly from April thru September at the sites noted above. Certified laboratories will conduct analysis on each sample for the following parameters: fecal coliform, ammonia nitrogen, nitrate + nitrite nitrogen, total suspended solids, total phosphorus, ortho-phosphorus, dissolved oxygen and pH. All information will be entered into EQUIS.		
Category	MONITORING/DATA COLLECTION		
Start Date	8-Oct-20	End Date	31-Dec-21
Has Rates and Hours?	No		
Actual Results	<p>The 7 sites were sampled once a month from April to September. A total of 40 samples were taken, analyzed for the above parameters and entered into EQUIS. Staff traveled 402 miles taking samples</p> <p>Engineer Technician: 52.59 x 47 = \$2,471.73 Engineer Technician: 39.03 x 47 = \$1,834.41 MVTL - water testing: \$2,578.90 Sunshine - ice: \$26.92 Total: \$6,911.96</p>		

Grant Attachments

Document Name	Document Type	Description
2020/2021 Natural Resources Block Grant	Grant Agreement	2020/2021 Natural Resources Block Grant - Rock County
2020/2021 Natural Resources Block Grant EXECUTED	Grant Agreement	2020/2021 Natural Resources Block Grant - Rock County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2022
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/31/2022

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/01/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/31/2022
Final Financial Report	Grant	2021 - Local Water Management - NRBG (Rock County)