



# Grant All-Detail Report LWM-NRBG 2017

**Grant Title** - 2017 - Local Water Management - NRBG (Rock County)

**Grant ID** - P17-4829

**Organization** - Rock County

<b>Grant Awarded Amount</b>	<b>\$15,175.00</b>	<b>Grant Execution Date</b>	
<b>Required Match Amount</b>	\$0.00	<b>Grant End Date</b>	12/31/2018
<b>Required Match %</b>	0%	<b>Grant Day To Day Contact</b>	Mary Thompson

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$15,175.00	\$15,175.00	\$0.00
Total Match Amount	\$9,464.00	\$9,464.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$24,639.00</b>	<b>\$24,639.00</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
2017 Local Water Management	Administration /Coordination	Current State Grant	2017 - Local Water Management - NRBG (Rock County)	\$8,639.47	\$8,639.47	12/29/2017	N
2017 Local Water Management	Administration /Coordination	Local Fund	County Levy	\$5,589.00	\$5,589.00	12/29/2017	Y
Brad Scott Well Sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Rock County)	\$300.00	\$300.00	4/10/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Brad Scott Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$450.00	\$450.00	4/10/2017	Y
Brant Huisman Well Sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Rock County)	\$300.00	\$300.00	7/5/2017	N
Brant Huisman Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$365.00	\$365.00	7/5/2017	Y
Brenda Bush Well Sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Rock County)	\$300.00	\$300.00	11/29/2017	N
Brenda Bush Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$375.00	\$375.00	11/29/2017	Y
Morris Fick Well Sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Rock County)	\$300.00	\$300.00	11/27/2017	N
Morris Fick Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$450.00	\$450.00	12/27/2017	Y
Sheri Rozeboom-Kloes Well Sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Rock County)	\$300.00	\$300.00	4/12/2017	N
Sheri Rozeboom-Kloes Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$1,785.00	\$1,785.00	4/12/2017	Y
Todd Wessels Well Sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Rock County)	\$300.00	\$300.00	12/11/2017	N
Todd Wessels Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$450.00	\$450.00	12/11/2017	Y
Water Sampling	Monitoring/Data Collection	Current State Grant	2017 - Local Water Management - NRBG (Rock County)	\$4,735.53	\$4,735.53	12/29/2017	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
351 - Well Decommissioning	6	3	1 COUNT	1 COUNT

### Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
---------------	----------------	---------------	-----------	------------------	----------

### Final Indicators Summary

Indicator Name	Total Value	Unit
<b>PREVENTION</b>	6.00	COUNT

**Grant Activity**

**Grant Activity - 2017 Local Water Management**

Description	Admin and Coordination		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Jan-17	End Date	29-Dec-17
Has Rates and Hours?	No		
Actual Results	<p>12/31/16 - No activities have begun using this funding.</p> <p>12/19/17          Paid the salary of the water planner, technicians and administrative staff. Responsibilities involve developing the Comprehensive Water Plans including the Missouri River Watershed, One Watershed/One Plan to protect and improve water quality and quantity through development of programs and ideas for water quality, educational activities and programs, coordinating with the MCPA on the Missouri River WRAPS process, implementing the current Rock County Water Plan and WRAPS implementations plans, work with public water suppliers to protect and improve water quality and quantity, especially nitrates in ground water as well as utilizing terrain analysis processes to prioritize conservation practice placement and cost share.</p> <p>Staff time:          Director:  <math>37.5 \times 64.31 = 2,411.63</math>          Assistant Director:  <math>339.25 \times 54.91 = 18,628.21</math>          Office Managers:  <math>21 \times 27.37 = 574.77</math>  <math>8.25 \times 24.82 = 204.77</math>          Technician 1:  <math>1 \times 30.84 = 30.84</math>          Technician 2:  <math>80 \times 39.35 = 3,148.00</math>          Technician 3:  <math>16.5 \times 33.41 = 551.27</math>          Total Staff Time: \$25,549.49</p>		

Grant Activity - Brad Scott Well Sealing			
Description	Seal 1 abandoned well.		
Category	GROUNDWATER		
Start Date	10-Apr-17	End Date	10-Apr-17
Has Rates and Hours?	No		
Actual Results	Well sealed by licensed well contractor.		

Activity Action - Brad Scott Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	1 abandoned well sealed by licensed well contractor.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	10-Apr-17
Mapped Activities	1 Point(s)		

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

Grant Activity - Brant Huisman Well Sealing			
Description	Seal one abandoned well.		
Category	GROUNDWATER		
Start Date	1-Jun-17	End Date	05-Jul-17
Has Rates and Hours?	No		
Actual Results	Sealed one abandoned well. Well sealed by a licensed well contractor.		

Activity Action - Brant Huisman Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Sealed one abandoned well. Well sealed by a licensed well contractor.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	5-Jul-17
Mapped Activities	1 Point(s)		

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

Grant Activity - Brenda Bush Well Sealing			
Description	Seal one abandoned well.		
Category	GROUNDWATER		
Start Date	7-Nov-17	End Date	29-Nov-17
Has Rates and Hours?	No		
Actual Results	Sealed one abandoned well. Well sealed by a licensed well contractor.		

Activity Action - Brenda Bush Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Sealed one abandoned well. Well sealed by a licensed well contractor.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	29-Nov-17
Mapped Activities	1 Point(s)		

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

Grant Activity - Morris Fick Well Sealing			
Description	Seal one abandoned well.		
Category	GROUNDWATER		
Start Date	2-Oct-17	End Date	27-Nov-17
Has Rates and Hours?	No		
Actual Results	Sealed one abandoned well. Well sealed by a licensed well contractor.		

Activity Action - Morris Fick Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Sealed one abandoned well. Well sealed by a licensed well contractor.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	27-Nov-17
Mapped Activities	1 Point(s)		

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

Grant Activity - Sheri Rozeboom-Kloes Well Sealing			
Description	Sealing 1 abandoned well.		
Category	GROUNDWATER		
Start Date	5-Apr-17	End Date	12-Apr-17
Has Rates and Hours?	No		
Actual Results	Sealed one abandoned well. Well sealed by a licensed well contractor.		

Activity Action - Sheri Rozeboom-Kloes			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Sealed one abandoned well. Well sealed by a licensed well contractor.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	12-Apr-17
Mapped Activities	2 Point(s)		

Final Indicator for Sheri Rozeboom-Kloes			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		



Grant Activity - Todd Wessels Well Sealing			
Description	Seal one abandoned well.		
Category	GROUNDWATER		
Start Date	1-Dec-17	End Date	11-Dec-17
Has Rates and Hours?	No		
Actual Results	Sealed one abandoned well. Well sealed by a licensed well contractor.		

Activity Action - Todd Wessels Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Sealed one abandoned well. Well sealed by a licensed well contractor.		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	11-Dec-17
Mapped Activities	1 Point(s)		

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

## Grant Activity - Water Sampling

<b>Description</b>	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.		
<b>Category</b>	MONITORING/DATA COLLECTION		
<b>Start Date</b>	2-Jan-17	<b>End Date</b>	29-Dec-17
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	<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>Staff Time:</p> <p>Technician 1: 29 x 33.41 = 968.99</p> <p>Technician 2: 36 x 39.35 = 1,416.60</p> <p>Total: \$ 2,385.59</p> <p>Water Sampling Expenses: \$2,349.94</p> <p>Total staff time and expenses: \$4,735.53</p>		

## Grant Attachments

Document Name	Document Type	Description
<b>2017 NRBG Addendum</b>	Grant Agreement	2017 Natural Resources Block Grant Addendum - Rock County
<b>2017 NRBG Addendum executed</b>	Grant Agreement	2017 Natural Resources Block Grant Addendum - Rock County

Document Name	Document Type	Description
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/23/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/17/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/30/2017
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/31/2018
<b>Final Financial</b>	Grant	2017 - Local Water Management - NRBG (Rock County)