



## Grant All-Detail Report LWM-NRBG 2018

**Grant Title** - 2018 - Local Water Management - NRBG (Rock County)

**Grant ID** - P18-1279

**Organization** - Rock County

<b>Original Awarded Amount</b>	<b>\$15,175.00</b>	<b>Grant Execution Date</b>	<b>11/27/2017</b>
<b>Required Match Amount</b>	\$0.00	<b>Original Grant End Date</b>	12/31/2020
<b>Required Match %</b>	0%	<b>Grant Day To Day Contact</b>	Mary Thompson
<b>Current Awarded Amount</b>	\$15,175.00	<b>Current End Date</b>	12/31/2020

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$15,175.00	\$15,175.00	\$0.00
Total Match Amount	\$8,314.00	\$8,314.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$23,489.00</b>	<b>\$23,489.00</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
2018 Local Water Management	Administration /Coordination	Current State Grant	2018 - Local Water Management - NRBG (Rock County)	\$7,080.74	\$7,080.74	12/31/2018	N
2018 Local Water Management	Administration /Coordination	Local Fund	Local Match	\$5,589.00	\$5,589.00	12/31/2018	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Cal Lubben Well Sealing	Groundwater	Current State Grant	2018 - Local Water Management - NRBG (Rock County)	\$300.00	\$300.00	3/19/2018	N
Cal Lubben Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$450.00	\$450.00	3/19/2018	Y
Lester Baustian Well Sealing	Groundwater	Current State Grant	2018 - Local Water Management - NRBG (Rock County)	\$300.00	\$300.00	7/20/2018	N
Lester Baustian Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$375.00	\$375.00	7/20/2018	Y
Mark Gath Well Sealing	Groundwater	Current State Grant	2018 - Local Water Management - NRBG (Rock County)	\$300.00	\$300.00	7/12/2018	N
Mark Gath Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$525.00	\$525.00	7/12/2018	Y
Paul Doherty Well Sealing	Groundwater	Current State Grant	2018 - Local Water Management - NRBG (Rock County)	\$900.00	\$900.00	6/26/2018	N
Paul Doherty Well Sealing	Groundwater	Landowner Fund	Landowner Match	\$1,375.00	\$1,375.00	6/26/2018	Y
Water Sampling	Monitoring/Data Collection	Current State Grant	2018 - Local Water Management - NRBG (Rock County)	\$6,294.26	\$6,294.26	12/31/2018	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	3	3	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
<b>PREVENTION</b>	6.00	COUNT

## Grant Activity

### Grant Activity - 2018 Local Water Management

Description	Admin and Coordination		
Category	ADMINISTRATION/COORDINATION		
Start Date	27-Nov-17	End Date	31-Dec-18
Has Rates and Hours?	No		
Actual Results	<p>12/31/17 - No funds have been spent.</p> <p>2018:</p> <p>Paid the salary of the water planner, technicians and administrative staff. Responsibilities involve developing 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, coordinating with the MCPA on the Missouri River WRAPS process, implementing the current Rock County Water Plan and the Missouri River Watershed 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:</p> <p>Director:  <math>43.5 \times 67.62 = 2941.47</math></p> <p>Assistant Director:  <math>234.5 \times 60.35 = 14152.00</math></p> <p>Office Managers:  <math>12 \times 27.59 = 331.08</math>  <math>26.5 \times 28.42 = 753.13</math></p> <p>Technician 1:  <math>123 \times 43.36 = 5333.28</math></p> <p>Technician 2:  <math>20.5 \times 36.40 = 746.20</math></p> <p>Total Staff Time: \$24,170.52</p>		

Grant Activity - Cal Lubben Well Sealing			
Description	Seal abandoned well.		
Category	GROUNDWATER		
Start Date	1-Dec-17	End Date	19-Mar-18
Has Rates and Hours?	No		
Actual Results	Sealed one abandoned well. Well sealed by a licensed well contractor.		

Activity Action - Cal Lubben 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	19-Mar-18
Mapped Activities	1 Point(s)		

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

Grant Activity - Lester Baustian Well Sealing			
Description	Seal abandoned well.		
Category	GROUNDWATER		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Activity Action - Lester Baustian 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	20-Jul-18
Mapped Activities	1 Point(s)		

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

Grant Activity - Mark Gath Well Sealing			
Description	Seal abandoned well.		
Category	GROUNDWATER		
Start Date	12-Jul-18	End Date	12-Jul-18
Has Rates and Hours?	No		
Actual Results	Sealed one abandoned well. Well sealed by a licensed well contractor.		

Activity Action - Mark Gath 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	12-Jul-18
Mapped Activities	1 Point(s)		

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

Grant Activity - Paul Doherty Well Sealing			
Description	Seal abandoned wells.		
Category	GROUNDWATER		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results			

Activity Action - Paul Doherty Well Sealing			
Practice	351 - Well Decommissioning	Count of Activities	3
Description	Sealed three abandoned wells. Wells sealed by a licensed well contractor.		
Proposed Size / Units	3.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	3.00 COUNT	Installed Date	26-Jun-18
Mapped Activities	3 Point(s)		

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

**Grant Activity - Water Sampling**

<b>Description</b>	<p>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.</p>		
<b>Category</b>	MONITORING/DATA COLLECTION		
<b>Start Date</b>	27-Nov-17	<b>End Date</b>	31-Dec-18
<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 reported to MPCA through EQUIS. Staff traveled 402 miles taking samples.</p> <p>Staff Time:</p> <p>Technician 1: 51 x 43.36 = 2211.36</p> <p>Technician 2: 46.5 x 36.40 = 1692.60</p> <p>Total: \$ 3,903.96</p> <p>Water Sampling Expenses: \$2,390.30</p> <p>420 miles included in staff billing rate</p> <p>Total staff time and expenses: \$6294.26</p>		



## Grant Attachments

Document Name	Document Type	Description
<b>2018/2019 Natural Resources Block Grant</b>	Grant Agreement	2018/2019 Natural Resources Block Grant - Rock County
<b>2018/2019 Natural Resources Block Grant executed</b>	Grant Agreement	2018/2019 Natural Resources Block Grant - Rock County
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/29/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/23/2018
<b>Financial Report</b>	Grant	2018 - Local Water Management - NRBG (Rock County)