



Grant All-Detail Report LWM-NRBG 2017

Grant Title - 2017 - Local Water Management - NRBG (Murray County)

Grant ID - P17-5646

Organization - Murray County

Original Awarded Amount	\$15,050.00	Grant Execution Date	10/20/2016
Required Match Amount	\$0.00	Original Grant End Date	12/31/2018
Required Match %	0%	Grant Day To Day Contact	Sarah Soderholm
Current Awarded Amount	\$15,050.00	Current End Date	12/31/2018

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$15,050.00	\$15,050.00	\$0.00
Total Match Amount	\$21,548.50	\$21,548.50	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$36,598.50	\$36,598.50	\$0.00

*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
2017 Administration/Coordination	Administration /Coordination	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$1,607.10	\$1,607.10	12/31/2017	N
2017 Administration/Coordination	Administration /Coordination	Local Fund	Local Levy	\$3,606.00	\$3,606.00	12/31/2017	Y
2017 Ecology Bus	Education/Information	Local Fund	Local Levy	\$2,000.00	\$2,000.00	11/7/2017	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2017 Education/Information	Education/Information	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$490.05	\$490.05	9/19/2017	N
2017 Education/Information	Education/Information	Local Fund	Local Levy	\$1,150.00	\$1,150.00	9/19/2017	Y
2017 Monitoring/Data Collection	Monitoring/Data Collection	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$1,101.99	\$1,101.99	9/19/2017	N
2018 Ecology Bus	Education/Information	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$133.36	\$133.36	11/6/2018	N
Aaron Miller well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	12/14/2017	N
Aaron Miller well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	12/14/2017	Y
Alden Karssen well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	11/19/2018	N
Alden Karssen well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	11/19/2018	Y
Arthur Buschena well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$425.00	\$425.00	7/13/2017	N
Arthur Buschena well sealing	Groundwater	Landowner Fund	Match	\$425.00	\$425.00	7/13/2017	Y
Chad Smith well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	12/7/2017	N
Chad Smith well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	12/7/2017	Y
City of Avoca well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$500.00	\$500.00	11/19/2018	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
City of Avoca well sealing	Groundwater	Landowner Fund	Match	\$3,500.00	\$3,500.00	11/19/2018	Y
City of Currie well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$500.00	\$500.00	7/1/2017	N
City of Currie well sealing	Groundwater	Landowner Fund	Match	\$500.00	\$500.00	7/1/2017	Y
Cynthia Thaemert well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	12/14/2017	N
Cynthia Thaemert well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	12/14/2017	Y
Jake Sweetman well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	12/20/2018	N
Jake Sweetman well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	12/20/2018	Y
James Fritz well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$287.50	\$287.50	8/1/2017	N
James Fritz well sealing	Groundwater	Landowner Fund	Match	\$287.50	\$287.50	8/1/2017	Y
Kaley Wurpts well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	11/19/2018	N
Kaley Wurpts well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	11/19/2018	Y
Kim Magnussen well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$500.00	\$500.00	8/30/2018	N
Kim Magnussen well sealing	Groundwater	Landowner Fund	Match	\$575.00	\$575.00	8/30/2018	Y
Kriene Kramer well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	12/14/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Kriene Kramer well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	12/14/2017	Y
Lucas Pieske well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	9/28/2017	N
Lucas Pieske well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	9/28/2017	Y
Lynn Johnson well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$425.00	\$425.00	7/6/2018	N
Lynn Johnson well sealing	Groundwater	Landowner Fund	Match	\$425.00	\$425.00	7/6/2018	Y
Mike Slater 1 well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	6/29/2018	N
Mike Slater 1 well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	6/29/2018	Y
Mike Slater 2 well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	6/29/2018	N
Mike Slater 2 well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	6/29/2018	Y
Peter Groen well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	12/7/2017	N
Peter Groen well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	12/7/2017	Y
Peter Vogel well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	10/6/2017	N
Peter Vogel well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	10/6/2017	Y
Ray Busch well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	12/14/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Ray Busch well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	12/14/2017	Y
Robert Smithback 1 well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	12/7/2017	N
Robert Smithback 1 well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	12/7/2017	Y
Robert Smithback 2 well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	12/14/2017	N
Robert Smithback 2 well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	12/14/2017	Y
Roger Talsma well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	12/7/2017	N
Roger Talsma well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	12/7/2017	Y
Rueben Wee 1 well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$275.00	\$275.00	9/13/2018	N
Rueben Wee 1 well sealing	Groundwater	Landowner Fund	Match	\$275.00	\$275.00	9/13/2018	Y
Rueben Wee 2 well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$350.00	\$350.00	9/13/2018	N
Rueben Wee 2 well sealing	Groundwater	Landowner Fund	Match	\$350.00	\$350.00	9/13/2018	Y
Sara Larson well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	10/6/2017	N
Sara Larson well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	10/6/2017	Y
Skandia Evangelical Free Church 1 well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$302.50	\$302.50	7/27/2017	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Skandia Evangelical Free Church 1 well sealing	Groundwater	Landowner Fund	Match	\$302.50	\$302.50	7/27/2017	Y
Skandia Evangelical Free Church 2 well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$327.50	\$327.50	7/27/2017	N
Skandia Evangelical Free Church 2 well sealing	Groundwater	Landowner Fund	Match	\$327.50	\$327.50	7/27/2017	Y
Todd Evans well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	12/7/2017	N
Todd Evans well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	12/7/2017	Y
Tom Somers well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$375.00	\$375.00	7/6/2018	N
Tom Somers well sealing	Groundwater	Landowner Fund	Match	\$375.00	\$375.00	7/6/2018	Y
Trent Johnson well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$300.00	\$300.00	12/14/2017	N
Trent Johnson well sealing	Groundwater	Landowner Fund	Match	\$300.00	\$300.00	12/14/2017	Y
Tyler Giese well sealing	Groundwater	Current State Grant	2017 - Local Water Management - NRBG (Murray County)	\$400.00	\$400.00	11/19/2018	N
Tyler Giese well sealing	Groundwater	Landowner Fund	Match	\$400.00	\$400.00	11/19/2018	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
351 - Well Decommissioning	33	33	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	33.00	COUNT

Grant Activity

Grant Activity - 2017 Administration/Coordination			
Description	2017 Administration/Coordination		
Category	ADMINISTRATION/COORDINATION		
Start Date	1-Dec-16	End Date	31-Dec-18
Has Rates and Hours?	No		
Actual Results	Administered the LWM Plan. Also updated our LWM Plan for 2017- 2027. Kept minutes from the meetings, paid per diems, recorded the data from the well water and pit tile testing, and well sealing. Also paid for a fair booth at the County fair for nitrate testing. See attached for a detailed list of expenditures.		

Grant Activity - 2017 Ecology Bus			
Description	2017 Ecology Bus gave presentations at two public schools within the County and at the Murray County Fair. This bus is a state-of-the-art school, mobile scientific laboratory, and classroom designed to educate school children and adults about the environment and natural sciences. The Ecology Bus is modeled after a similar bus and program in Sweden.		
Category	EDUCATION/INFORMATION		
Start Date	1-Dec-16	End Date	30-Dec-17
Has Rates and Hours?	No		
Actual Results	Funded the Prairie Ecology Bus to appear at two public schools and the County Fair. The Ecology Bus is a mobile laboratory/classroom for teaching people about environmental science. The topic of this year's programming was Lake Ecology.		

Grant Activity - 2017 Education/Information			
Description	2017 Education/Information		
Category	EDUCATION/INFORMATION		
Start Date	1-Dec-16	End Date	31-Dec-18
Has Rates and Hours?	No		
Actual Results	<p>Helped sponsor the 4-H day camp where they learn about water quality and wetlands. Held a free nitrate clinic at the County Fair. Tested a quarter of 73 wells throughout the County for background levels of F. coliform, nitrate-nitrite, sulfate and specific conductance. The data was compiled through the local water plan. See attached for a detailed list of expenditures.</p>		

Grant Activity - 2017 Monitoring/Data Collection			
Description	2017 Monitoring/Data Collection		
Category	MONITORING/DATA COLLECTION		
Start Date	1-Dec-16	End Date	31-Dec-18
Has Rates and Hours?	No		
Actual Results	<p>Tiles were tested on half of the barns that are on the annual inspection list. This list has been formed from all the new total confinement hog buildings that have been constructed since the mid 1990's in Murray County. The barns are required to have tile around them with an area that a water sample can be taken from to see if there is any leakage of manure from the pit. There were 14 out of 34 pit tiles that had water in them and were tested. The samples were delivered to Minnesota Valley Testing Laboratories, Inc. in New Ulm for analysis. Tests were run for nitrate-nitrogen, F. coliform, chloride, total dissolved solids, and ammonia. The data was compiled through the Local Water Management Plan. See attached letter that goes out to sampling sites. See attached for a detailed list of expenditures.</p>		

Grant Activity - 2018 Ecology Bus			
Description	2018 Ecology Bus gave presentations at two public schools within the County and at the Murray County Fair. This bus is a state-of-the-art school, mobile scientific laboratory, and classroom designed to educate school children and adults about the environment and natural sciences. The Ecology Bus is modeled after a similar bus and program in Sweden.		
Category	EDUCATION/INFORMATION		
Start Date	14-Feb-18	End Date	31-Dec-18
Has Rates and Hours?	No		
Actual Results	Funded the Prairie Ecology Bus to appear at two public schools and the County Fair. The Ecology Bus is a mobile laboratory/classroom for teaching people about environmental science. The topic of this year's programming was Lake Ecology.		

Grant Activity - Aaron Miller well sealing			
Description	Aaron Miller well sealing		
Category	GROUNDWATER		
Start Date	16-Nov-17	End Date	14-Dec-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Aaron Miller well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	22-Nov-17
Mapped Activities	1 Point(s)		

Final Indicator for Aaron Miller well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Alden Karssen well sealing			
Description	Alden Karssen well sealing		
Category	GROUNDWATER		
Start Date	6-Sep-18	End Date	19-Nov-18
Has Rates and Hours?	No		
Actual Results	well sealed		

Activity Action - Alden Karssen well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	5-Oct-18
Mapped Activities	1 Point(s)		

Final Indicator for Alden Karssen well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Arthur Buschena well sealing			
Description	Arthur Buschena well sealing		
Category	GROUNDWATER		
Start Date	11-Apr-17	End Date	13-Jul-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Arthur Buschena well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	20-Apr-17
Mapped Activities	1 Point(s)		

Final Indicator for Arthur Buschena well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Chad Smith well sealing			
Description	Chad Smith well sealing		
Category	GROUNDWATER		
Start Date	24-May-17	End Date	07-Dec-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Chad Smith well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	20-Jun-17
Mapped Activities	1 Point(s)		

Final Indicator for Chad Smith well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - City of Avoca well sealing			
Description	City of Avoca well sealing		
Category	GROUNDWATER		
Start Date	21-Aug-18	End Date	19-Nov-18
Has Rates and Hours?	No		
Actual Results	well sealed		

Activity Action - City of Avoca well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	30-Aug-18
Mapped Activities	1 Point(s)		

Final Indicator for City of Avoca well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - City of Currie well sealing			
Description	City of Currie well sealing		
Category	GROUNDWATER		
Start Date	30-Mar-17	End Date	01-Jul-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - City of Currie well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	31-Mar-17
Mapped Activities	1 Point(s)		

Final Indicator for City of Currie well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Cynthia Thaemert well sealing			
Description	Cynthia Thaemert well sealing		
Category	GROUNDWATER		
Start Date	3-Jul-17	End Date	14-Dec-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Cynthia Thaemert well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	10-Jul-17
Mapped Activities	1 Point(s)		

Final Indicator for Cynthia Thaemert well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Jake Sweetman well sealing			
Description	Jake Sweetman well sealing		
Category	GROUNDWATER		
Start Date	12-Jul-18	End Date	20-Dec-18
Has Rates and Hours?	No		
Actual Results	well sealed		

Activity Action - Jake Sweetman well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	21-Jul-18
Mapped Activities	1 Point(s)		

Final Indicator for Jake Sweetman well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - James Fritz well sealing			
Description	James Fritz well sealing		
Category	GROUNDWATER		
Start Date	6-Jul-17	End Date	01-Aug-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - James Fritz well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	7-Jul-17
Mapped Activities	1 Point(s)		

Final Indicator for James Fritz well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Kaley Wurpts well sealing			
Description	Kaley Wurpts well sealing		
Category	GROUNDWATER		
Start Date	6-Sep-18	End Date	19-Nov-18
Has Rates and Hours?	No		
Actual Results	well sealed		

Activity Action - Kaley Wurpts well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	10-Oct-18
Mapped Activities	1 Point(s)		

Final Indicator for Kaley Wurpts well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Kim Magnussen well sealing			
Description	Kim Magnussen well sealing		
Category	GROUNDWATER		
Start Date	10-Aug-18	End Date	30-Aug-18
Has Rates and Hours?	No		
Actual Results	well sealed		

Activity Action - Kim Magnussen well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	16-Aug-18
Mapped Activities	1 Point(s)		

Final Indicator for Kim Magnussen well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Kriene Kramer well sealing			
Description	Kriene Kramer well sealing		
Category	GROUNDWATER		
Start Date	3-Oct-17	End Date	14-Dec-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Kriene Kramer well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	5-Oct-17
Mapped Activities	1 Point(s)		

Final Indicator for Kriene Kramer well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Lucas Pieske well sealing			
Description	Lucas Pieske well sealing		
Category	GROUNDWATER		
Start Date	30-Jun-17	End Date	28-Sep-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Lucas Pieske well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	12-Jul-17
Mapped Activities	1 Point(s)		

Final Indicator for Lucas Pieske well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Lynn Johnson well sealing			
Description	Lynn Johnson well sealing		
Category	GROUNDWATER		
Start Date	20-Apr-18	End Date	06-Jul-18
Has Rates and Hours?	No		
Actual Results	well sealed		

Activity Action - Lynn Johnson well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	18-May-18
Mapped Activities	1 Point(s)		

Final Indicator for Lynn Johnson well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Mike Slater 1 well sealing			
Description	Mike Slater 1 well sealing		
Category	GROUNDWATER		
Start Date	3-May-18	End Date	29-Jun-18
Has Rates and Hours?	No		
Actual Results	well sealed		

Activity Action - Mike Slater 1 well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	20-May-18
Mapped Activities	1 Point(s)		

Final Indicator for Mike Slater 1 well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Mike Slater 2 well sealing			
Description	Mike Slater 2 well sealing		
Category	GROUNDWATER		
Start Date	14-May-18	End Date	29-Jun-18
Has Rates and Hours?	No		
Actual Results	well sealed		

Activity Action - Mike Slater 2 well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	20-May-18
Mapped Activities	1 Point(s)		

Final Indicator for Mike Slater 2 well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Peter Groen well sealing			
Description	Peter Groen well sealing		
Category	GROUNDWATER		
Start Date	9-Mar-17	End Date	07-Dec-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Peter Groen well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	10-Aug-17
Mapped Activities	1 Point(s)		

Final Indicator for Peter Groen well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Peter Vogel well sealing			
Description	Peter Vogel well sealing		
Category	GROUNDWATER		
Start Date	24-May-17	End Date	06-Oct-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Peter Vogel well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	10-Jun-17
Mapped Activities	1 Point(s)		

Final Indicator for Peter Vogel well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Ray Busch well sealing			
Description	Ray Busch well sealing		
Category	GROUNDWATER		
Start Date	5-Dec-17	End Date	14-Dec-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Ray Busch well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	8-Dec-17
Mapped Activities	1 Point(s)		

Final Indicator for Ray Busch well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Robert Smithback 1 well sealing			
Description	Robert Smithback 1 well sealing		
Category	GROUNDWATER		
Start Date	24-May-17	End Date	07-Dec-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Robert Smithback 1 well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	15-Jun-17
Mapped Activities	1 Point(s)		

Final Indicator for Robert Smithback 1 well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Robert Smithback 2 well sealing			
Description	Robert Smithback 2 well sealing		
Category	GROUNDWATER		
Start Date	24-May-17	End Date	14-Dec-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Robert Smithback 2 well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	15-Jun-17
Mapped Activities	1 Point(s)		

Final Indicator for Robert Smithback 2 well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Roger Talsma well sealing			
Description	Roger Talsma well sealing		
Category	GROUNDWATER		
Start Date	17-Nov-17	End Date	07-Dec-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Roger Talsma well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	1-Dec-17
Mapped Activities	1 Point(s)		

Final Indicator for Roger Talsma well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Rueben Wee 1 well sealing			
Description	Rueben Wee 1 well sealing		
Category	GROUNDWATER		
Start Date	5-Sep-18	End Date	13-Sep-18
Has Rates and Hours?	No		
Actual Results	well sealed		

Activity Action - Rueben Wee 1 well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	6-Sep-18
Mapped Activities	1 Point(s)		

Final Indicator for Rueben Wee 1 well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Rueben Wee 2 well sealing			
Description	Rueben Wee 2 well sealing		
Category	GROUNDWATER		
Start Date	5-Sep-18	End Date	13-Sep-18
Has Rates and Hours?	No		
Actual Results	well sealed		

Activity Action - Rueben Wee 2 well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	6-Sep-18
Mapped Activities	1 Point(s)		

Final Indicator for Rueben Wee 2 well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Sara Larson well sealing			
Description	Sara Larson well sealing		
Category	GROUNDWATER		
Start Date	10-Jul-17	End Date	06-Oct-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Sara Larson well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	30-Aug-17
Mapped Activities	1 Point(s)		

Final Indicator for Sara Larson well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Skandia Evangelical Free Church 1 well sealing			
Description	Skandia Evangelical Free Church 1 well sealing		
Category	GROUNDWATER		
Start Date	20-Jun-17	End Date	27-Jul-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Skandia Evangelical Free Church 1 well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	11-Jul-17
Mapped Activities	1 Point(s)		

Final Indicator for Skandia Evangelical Free Church 1 well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Skandia Evangelical Free Church 2 well sealing			
Description	Skandia Evangelical Free Church 2 well sealing		
Category	GROUNDWATER		
Start Date	20-Jun-17	End Date	27-Jul-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Skandia Evangelical Free Church 2 well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	11-Jul-17
Mapped Activities	1 Point(s)		

Final Indicator for Skandia Evangelical Free Church 2 well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Todd Evans well sealing			
Description	Todd Evans well sealing		
Category	GROUNDWATER		
Start Date	21-Sep-17	End Date	07-Dec-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Todd Evans well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	15-Oct-17
Mapped Activities	1 Point(s)		

Final Indicator for Todd Evans well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Tom Somers well sealing			
Description	Tom Somers well sealing		
Category	GROUNDWATER		
Start Date	4-Jun-18	End Date	06-Jul-18
Has Rates and Hours?	No		
Actual Results	well sealed		

Activity Action - Tom Somers well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	15-Jun-18
Mapped Activities	1 Point(s)		

Final Indicator for Tom Somers well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Trent Johnson well sealing			
Description	Trent Johnson well sealing		
Category	GROUNDWATER		
Start Date	11-Sep-17	End Date	14-Dec-17
Has Rates and Hours?	No		
Actual Results	Well seal		

Activity Action - Trent Johnson well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	Well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	15-Sep-17
Mapped Activities	1 Point(s)		

Final Indicator for Trent Johnson well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Activity - Tyler Giese well sealing			
Description	Tyler Giese well sealing		
Category	GROUNDWATER		
Start Date	5-Jul-18	End Date	19-Nov-18
Has Rates and Hours?	No		
Actual Results	well sealed		

Activity Action - Tyler Giese well sealing			
Practice	351 - Well Decommissioning	Count of Activities	1
Description	well seal		
Proposed Size / Units	1.00 COUNT	Lifespan	In Perpetuity
Actual Size/Units	1.00 COUNT	Installed Date	28-Jul-18
Mapped Activities	1 Point(s)		

Final Indicator for Tyler Giese well sealing			
Indicator Name	PREVENTION	Value	1
Indicator Subcategory/Units	POLLUTION PREVENTION COUNT	Calculation Tool	Other
Waterbody	Groundwater		

Grant Attachments

Document Name	Document Type	Description
2017 NRBG Addendum	Grant Agreement	2017 Natural Resources Block Grant Addendum - Murray County
2017 NRBG Addendum executed	Grant Agreement	2017 Natural Resources Block Grant Addendum - Murray County
2017 NRBG Detailed Expenditures	Grant	2017 - Local Water Management - NRBG (Murray County)
2017 Pit Tile Testing Letter	Grant	2017 - Local Water Management - NRBG (Murray County)
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/31/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 02/23/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/09/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/27/2017