



# Grant All-Detail Report

## Septic Treatment Systems Upgrade - NRBG 2018

**Grant Title** - 2018 - Septic Treatment Systems Upgrade - NRBG (Lincoln County)

**Grant ID** - P18-6595

**Organization** - Lincoln County

<b>Original Awarded Amount</b>	<b>\$25,931.00</b>	<b>Grant Execution Date</b>	<b>10/18/2017</b>
<b>Required Match Amount</b>	<b>\$0.00</b>	<b>Original Grant End Date</b>	<b>12/31/2020</b>
<b>Required Match %</b>	<b>0%</b>	<b>Grant Day To Day Contact</b>	<b>Dale Sterzinger</b>
<b>Current Awarded Amount</b>	<b>\$25,931.00</b>	<b>Current End Date</b>	<b>12/31/2020</b>

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$25,931.00	\$25,334.16	\$596.84
Total Match Amount	\$22,265.34	\$22,265.34	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$48,196.34</b>	<b>\$47,599.50</b>	<b>\$596.84</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 Septic Upgrade Grant	Subsurface Sewage Treatment Systems	Current State Grant	2018 - Septic Treatment Systems Upgrade - NRBG (Lincoln Coun..	\$25,931.00	\$25,334.16	12/21/2018	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2018 Septic Upgrade Grant	Subsurface Sewage Treatment Systems	Landowner Fund	Landowner Contribution	\$19,511.34	\$19,511.34	12/21/2018	Y
2018 Septic Upgrade Grant	Subsurface Sewage Treatment Systems	Local Fund	County Septic Funds	\$2,754.00	\$2,754.00	12/21/2018	Y

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	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
BOD 5	1,256.00	LBS/YR
PATHOGENS (E. COLI)	254,000,000,000,000.00	CFU
Total Suspended Solids (TSS)	694.00	Mg/L
NITROGEN	126.00	LBS/YR
PHOSPHORUS (EST. REDUCTION)	37.00	LBS/YR

## Grant Activity

Grant Activity - 2018 Septic Upgrade Grant			
Description	Provide grants to low income individuals for upgrade of imminent health threat or failure to protect groundwater septic systems.		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	1-Jan-18	End Date	31-Dec-18
Has Rates and Hours?	No		
Actual Results	Completed 5 grant awards for septic system upgrades		

Activity Action - Septic System Upgrade			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	Grant awards for permit #LC-01-18 upgrade of imminent health threat or failing to protect groundwater septic systems.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	30-Aug-18
Mapped Activities	1 Point(s)		

Final Indicator for Septic System Upgrade			
Indicator Name	PATHOGENS (E. COLI)	Value	3.18E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		
Final Indicator for Septic System Upgrade			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		
Final Indicator for Septic System Upgrade			
Indicator Name	NITROGEN	Value	48
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		

Final Indicator for Septic System Upgrade			
Indicator Name	BOD 5	Value	93
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		
Final Indicator for Septic System Upgrade			
Indicator Name	Total Suspended Solids (TSS)	Value	51
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		

Activity Action - Septic System Upgrade			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	Grant award for permit #LC-02-18 upgrade of imminent health threat or failing to protect groundwater septic system.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	30-Apr-18
Mapped Activities	1 Point(s)		

Final Indicator for Septic System Upgrade			
Indicator Name	BOD 5	Value	372
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		
Final Indicator for Septic System Upgrade			
Indicator Name	Total Suspended Solids (TSS)	Value	206
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		
Final Indicator for Septic System Upgrade			
Indicator Name	NITROGEN	Value	13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		

Final Indicator for Septic System Upgrade			
Indicator Name	PATHOGENS (E. COLI)	Value	6.35E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		
Final Indicator for Septic System Upgrade			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		

Activity Action - Septic System Upgrade			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	Grant funds award for permit #LC-05-18 for upgrade of an imminent health threat or failing to protect groundwater septic system.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	25-Jun-18
Mapped Activities	1 Point(s)		

Final Indicator for Septic System Upgrade			
Indicator Name	BOD 5	Value	140
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		
Final Indicator for Septic System Upgrade			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		
Final Indicator for Septic System Upgrade			
Indicator Name	NITROGEN	Value	12
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		

Final Indicator for Septic System Upgrade			
Indicator Name	Total Suspended Solids (TSS)	Value	77
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		
Final Indicator for Septic System Upgrade			
Indicator Name	PATHOGENS (E. COLI)	Value	4.76E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		

Activity Action - Septic System Upgrade			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	Grant award for permit #LC-07-18 upgrade of imminent health threat or failing to protect groundwater septic system.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	11-Jul-18
Mapped Activities	1 Point(s)		

Final Indicator for Septic System Upgrade			
Indicator Name	BOD 5	Value	372
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		
Final Indicator for Septic System Upgrade			
Indicator Name	Total Suspended Solids (TSS)	Value	206
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		
Final Indicator for Septic System Upgrade			
Indicator Name	PATHOGENS (E. COLI)	Value	6.35E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		

Final Indicator for Septic System Upgrade			
Indicator Name	NITROGEN	Value	13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		
Final Indicator for Septic System Upgrade			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		

Activity Action - Septic System Upgrade			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	Grant award for permit #LC-10-18 upgrade of imminent health threat or failing to protect groundwater septic system.		
Proposed Size / Units	1.00 COUNT	Lifespan	10 Years
Actual Size/Units	1.00 COUNT	Installed Date	4-Oct-18
Mapped Activities	1 Point(s)		

Final Indicator for Septic System Upgrade			
Indicator Name	Total Suspended Solids (TSS)	Value	154
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		
Final Indicator for Septic System Upgrade			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		
Final Indicator for Septic System Upgrade			
Indicator Name	NITROGEN	Value	40
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		

Final Indicator for Septic System Upgrade			
Indicator Name	PATHOGENS (E. COLI)	Value	4.76E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		
Final Indicator for Septic System Upgrade			
Indicator Name	BOD 5	Value	279
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground Water		

## Grant Attachments

Document Name	Document Type	Description
<b>2018/2019 Natural Resources Block Grant</b>	Grant Agreement	2018/2019 Natural Resources Block Grant - Lincoln County
<b>2018/2019 Natural Resources Block Grant executed</b>	Grant Agreement	2018/2019 Natural Resources Block Grant - Lincoln County
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/29/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/28/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/27/2019
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/25/2018