



Grant All-Detail Report Septic Treatment Systems Upgrade - NRBG 2020

Grant Title - 2020 - Septic Treatment Systems Upgrade - NRBG (Lac qui Parle County)

Grant ID - P20-7068

Organization - Lac qui Parle County

Original Awarded Amount	\$40,000.00	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	Jennifer Breberg
Current Awarded Amount	\$40,000.00	Current End Date	12/31/2022

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$40,000.00	\$40,000.00	\$0.00
Total Match Amount	\$19,271.04	\$19,271.04	\$0.00
Total Other Funds	\$62,693.24	\$40,398.02	\$22,295.22
Total	\$121,964.28	\$99,669.06	\$22,295.22

**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
2019 - SSTS Fix it grant	Subsurface Sewage Treatment Systems	Other Funds	2019 - Septic Treatment Systems Upgrade - NRBG (Lac qui Parl..	\$23,212.00	\$23,212.00	11/8/2019	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2019 - SSTS Fix it grant	Subsurface Sewage Treatment Systems	Other Funds	2019 - Septic Upgrade land owners 25%	\$2,271.47	\$2,271.47	11/7/2018	Y
2019 - SSTS Fix it grant	Subsurface Sewage Treatment Systems	Other Funds	2019 Septic Upgrade Landowner 50%	\$6,563.00	\$6,563.00	10/7/2019	Y
2019 - SSTS Fix it grant	Subsurface Sewage Treatment Systems	Other Funds	2019 Septic Upgrade landowner 25%	\$462.80	\$462.80	10/28/2019	Y
2019 - SSTS Fix it grant	Subsurface Sewage Treatment Systems	Other Funds	2019 Septic Upgrade landowners 25%	\$2,820.97	\$2,820.97	11/20/2018	Y
2020 - SSTS Fix it grant	Subsurface Sewage Treatment Systems	Current State Grant	2020 - Septic Treatment Systems Upgrade - NRBG (Lac qui Parl..	\$40,000.00	\$40,000.00	11/24/2020	N
2020 - SSTS Fix it grant	Subsurface Sewage Treatment Systems	Landowner Fund	2020 Septic Upgrade Landowner 25%	\$2,685.00	\$2,685.00	10/14/2020	Y
2020 - SSTS Fix it grant	Subsurface Sewage Treatment Systems	Landowner Fund	2020 Septic Upgrade Landowner 25%	\$3,350.81	\$3,350.81	11/19/2019	Y
2020 - SSTS Fix it grant	Subsurface Sewage Treatment Systems	Landowner Fund	2020 Septic Upgrade Landowner 50%	\$6,370.00	\$6,370.00	11/2/2019	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2020 - SSTS Fix it grant	Subsurface Sewage Treatment Systems	Landowner Fund	2020 Septic Upgrade landowner 25%	\$3,712.38	\$3,712.38	11/24/2020	Y
2020 - SSTS Fix it grant	Subsurface Sewage Treatment Systems	Landowner Fund	2020 septic upgrade landowner 25%	\$3,152.85	\$3,152.85	10/15/2019	Y
2021- SSTS Fix it Grant	Subsurface Sewage Treatment Systems	Other Funds	2021 - Septic Treatment Systems Upgrade - NRBG (Lac qui Parl..	\$27,363.00	\$5,067.78	11/24/2020	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
126M - Septic System Improvement	8		1 COUNT	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	1,043.00	LBS/YR
PATHOGENS (E. COLI)	296,200,000,000,000.00	CFU
SEDIMENT (TSS)	244.00	TONS/YR
Total Suspended Solids (TSS)	332.00	Mg/L

NITROGEN	126.00	LBS/YR
PHOSPHORUS (EST. REDUCTION)	42.00	LBS/YR

Grant Activity

Grant Activity - 2020 - SSTS Fix it grant			
Description	2020 - Septic Treatment Systems Upgrade - NRBG (LqP Cty)		
Category	SUBSURFACE SEWAGE TREATMENT SYSTEMS		
Start Date	27-Sep-19	End Date	24-Nov-20
Has Rates and Hours?	No		
Actual Results	System #1, was partially funded with FY2019 funds, balance drawn from FY 2020 funds in the amount of \$9,453.32. System #2 was fully funded with FY 2020 funds in the amount of \$10,052.44. System #3 was fully funded with FY 2020 Funds in the amount of \$6,370.00. System #4 was fully funded by FY 2020 funds in the amount of \$8,055.00. System #5 was partial funded with FY 2020 funds, \$6,069.36 and balance of \$5,067.78 taken from FY 2021 funds.		

Activity Action - 2020 Fix it Grant			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	2020 Fix it grant - upgrade failing system		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	COUNT	Installed Date	19-Nov-19
Mapped Activities	No	Technical Assistance Provider	

Final Indicator for 2020 Fix it Grant			
Indicator Name	NITROGEN	Value	26
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Final Indicator for 2020 Fix it Grant			
Indicator Name	BOD 5	Value	112
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Final Indicator for 2020 Fix it Grant			
Indicator Name	Total Suspended Solids (TSS)	Value	62
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for 2020 Fix it Grant			
Indicator Name	PATHOGENS (E. COLI)	Value	3.81E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for 2020 Fix it Grant			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Activity Action - 2020 - Fix it Grant			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	2020 Fix it Grant - upgrade failing system		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	COUNT	Installed Date	2-Nov-19
Mapped Activities	No	Technical Assistance Provider	

Final Indicator for 2020 - Fix it Grant			
Indicator Name	Total Suspended Solids (TSS)	Value	74
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for 2020 - Fix it Grant			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	7
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for 2020 - Fix it Grant			
Indicator Name	BOD 5	Value	134

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for 2020 - Fix it Grant			
Indicator Name	NITROGEN	Value	11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for 2020 - Fix it Grant			
Indicator Name	PATHOGENS (E. COLI)	Value	4.57E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Activity Action - 2020 Fix it Grant			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	2020 Fix it Grant - upgrade failing system		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	COUNT	Installed Date	14-Oct-20
Mapped Activities	No	Technical Assistance Provider	Other

Final Indicator for 2020 Fix it Grant			
Indicator Name	BOD 5	Value	89
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	ground water		
Final Indicator for 2020 Fix it Grant			
Indicator Name	SEDIMENT (TSS)	Value	49
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground water		
Final Indicator for 2020 Fix it Grant			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)

Waterbody	Groundwater		
Final Indicator for 2020 Fix it Grant			
Indicator Name	NITROGEN	Value	8
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		
Final Indicator for 2020 Fix it Grant			
Indicator Name	PATHOGENS (E. COLI)	Value	3.05E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Groundwater		

Activity Action - 2020 Fix it Grant			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	2020 Fix it grant - upgrade failing system		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	COUNT	Installed Date	24-Nov-20
Mapped Activities	No	Technical Assistance Provider	Other

Final Indicator for 2020 Fix it Grant			
Indicator Name	BOD 5	Value	89
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground water		
Final Indicator for 2020 Fix it Grant			
Indicator Name	Total Suspended Solids (TSS)	Value	49
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground water		
Final Indicator for 2020 Fix it Grant			
Indicator Name	PATHOGENS (E. COLI)	Value	3.05E+13
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) CFU	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground water		

Final Indicator for 2020 Fix it Grant			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	4
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Septic System Improvement Estimator (SSIE)
Waterbody	Ground water		
Final Indicator for 2020 Fix it Grant			
Indicator Name	NITROGEN	Value	8
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
2020/2021 Natural Resources Block Grant	Grant Agreement	2020/2021 Natural Resources Block Grant - Lac qui Parle County
2020/2021 Natural Resources Block Grant EXECUTED	Grant Agreement	2020/2021 Natural Resources Block Grant - Lac qui Parle County
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/08/2021
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/06/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/25/2021
FY 2020 Financial Report	Grant	2020 - Septic Treatment Systems Upgrade - NRBG (Lac qui Parle County)