



Grant Progress Report

Watershed Based Implementation MAR 2023

Grant Title: LQP-YB Watershed Plan

Grant ID: C23-0006

Grantee: Lac qui Parle-Yellow Bank WD

Fiscal Agent: Lac qui Parle-Yellow Bank WD

Grant Day-to-Day Contact: Trudy Hastad

Grant Award (\$): \$935,410.00

Amended Grant Award (\$):

\$935,410.00

Required Match (%): 10

Required Match (\$): \$93,541.00

Grant Execution Date: 05/16/2023

Grant End Date: 12/31/2025

Amended Grant End Date:

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$935,410.00	\$524,296.29	\$411,113.71
Match Funds	\$189,198.10	\$53,714.37	\$135,483.73
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$1,124,608.10	\$578,010.66	\$546,597.44

*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	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Administration & Coordination	Administration/Coordination	Local Fund	Local Contribution Admin Hours time and services	\$95,000.00	\$10,805.10	\$84,194.90	Y
Administration & Coordination	Administration/Coordination	Current State Grant	LQP-YB Watershed Plan	\$42,000.00	\$17,670.58	\$24,329.42	N

<i>Activity Name</i>	<i>Category</i>	<i>Source Type</i>	<i>Source Description</i>	<i>Budgeted</i>	<i>Spent</i>	<i>Balance Remaining</i>	<i>Match Fund?</i>
Ag BMP Practices	Agricultural Practices	Current State Grant	LQP-YB Watershed Plan	\$479,079.00	\$216,614.15	\$262,464.85	N
Education & Outreach	Education/Information	Current State Grant	LQP-YB Watershed Plan	\$20,000.00	\$645.30	\$19,354.70	N
Non-structural practices	Non-Structural Management Practices	Current State Grant	LQP-YB Watershed Plan	\$311,981.00	\$249,430.90	\$62,550.10	N
Technical & Engineering	Technical/Engineering Assistance	Current State Grant	LQP-YB Watershed Plan	\$82,350.00	\$39,935.36	\$42,414.64	N
Ag BMP Practices	Agricultural Practices	Federal Funds	federal funds used for BMP installation that counts towards goals of the plan	\$16,500.00	\$30,168.03	(\$13,668.03)	Y
Non-structural practices	Non-Structural Management Practices	Federal Funds	Federal funds used to implement BMPS that work towards the goals of the plan	\$26,898.10		\$26,898.10	Y
Ag BMP Practices	Agricultural Practices	Landowner Fund	landowner contribution for BMP installation	\$50,800.00	\$12,741.24	\$38,058.76	Y

Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Sediment (Tss)	1500	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	412	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	44	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	10	Lbs/Yr
Water Pollution (Reduction Estimates)	Nitrogen	144	Lbs/Yr
Water Pollution (Reduction Estimates)	Nitrogen	8323	Lbs/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Nitrogen	723.21	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	41.16	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	248.55	Tons/Yr
Water Pollution (Reduction Estimates)	Nitrogen	3959.62	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	196.27	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	778.76	Tons/Yr

Grant Activities

Activity Name: Administration & Coordination						
Activity Category: Administration/Coordination					Staff time?: Yes	
Description: Grant reporting, paying bills, approving contracts, budget reports, & plan coordination, tracking through MS4Front program						
Budget Details						
<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Local Fund	Local Contribution Admin Hours time and services	\$95,000.00	\$10,805.10	\$84,194.90	12/31/2024	Y
Current State Grant	LQP-YB Watershed Plan	\$42,000.00	\$17,670.58	\$24,329.42	09/04/2024	N
Actual Results						
CY2023; admin hours mentioned are in relation to attending meetings, billing, coordinating contracts; LqP SWCD:\$1820.61, LqP-YB WD: \$1383.92						

Activity Name: Ag BMP Practices						
Activity Category: Agricultural Practices					Staff time?: No	
Description: Structural practices such as sediment control basins, grassed waterways, drainage/water management, grade stabilization, wetland restoration, alternative tile intakes, and other structural practices that will help reach the goals of our plan as identified in the targeted implementation schedule. Cost share rates will be specified in supporting local policy.						
Budget Details						
<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	LQP-YB Watershed Plan	\$479,079.00	\$216,614.15	\$262,464.85	01/10/2025	N
Landowner Fund	landowner contribution for BMP installation	\$50,800.00	\$12,741.24	\$38,058.76	01/10/2025	Y
Federal Funds	federal funds used for BMP installation that counts towards goals of the plan	\$16,500.00	\$30,168.03	(\$13,668.03)	02/12/2024	Y

Actual Results

No funds have been spent to date.

Two structural projects completed and paid out totalling \$75,527.50 :
 \$47569 WASCB project David Meyer/Stephen Full (State 42812.10+landowner 4756.90)
 \$27,958.50 Clarksean Family (State 15,709.50 + nonstate 12,249)

Two structural projects completed and paid out;
 Tad Merritt; 59,877.36
 Loran Haas; 1013.97 with 17919.00 Matching funds

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	41.16	Lbs/Yr
Nitrogen	723.21	Lbs/Yr
Sediment (Tss)	248.55	Tons/Yr

Activity Action Name: Tad Merritt WASCB	Activity Count: 3
Practice Type: 638 - Water and Sediment Control Basin	Size/Units: 3 - Count
TA Provider/JAA: TSA	Lifespan: 10 Years
Practice Description: 3 WASCBS	Install Date: 11/02/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	10	PTMApp - Catchment	Cobb Creek
Nitrogen	Lbs/Yr	139	PTMApp - Catchment	Cobb Creek
Sediment (Tss)	Tons/Yr	43	PTMApp - Catchment	Cobb Creek

Activity Action Name:	Stephen Full WASCB	Activity Count: 1
Practice Type:	638 - Water and Sediment Control Basin	Size/Units:
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	water & sediment control basin with a waterway	Install Date: 09/03/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	27.61	PTMApp - Priority Resource	YellowBankRiver
Phosphorus (Est. Reduction)	Lbs/Yr	5.04	PTMApp - Priority Resource	YellowBankRiver
Nitrogen	Lbs/Yr	71.01	PTMApp - Priority Resource	YellowBankRiver

Activity Action Name:	Clarksean Family LLC Terrace/Tile Conservation Practice	Activity Count: 1
Practice Type:	600 - Terrace	Size/Units:
TA Provider/JAA:	TSA	Lifespan: 10 Years
Practice Description:	One terrace constructed with project support tile.	Install Date: 11/14/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	177.94	PTMApp - Priority Resource	YellowBankRiver
Phosphorus (Est. Reduction)	Lbs/Yr	26.12	PTMApp - Priority Resource	YellowBankRiver
Nitrogen	Lbs/Yr	513.2	PTMApp - Priority Resource	YellowBankRiver

Activity Name: Education & Outreach

Activity Category: Education/Information

Staff time?: No

Description: Educational activities such as field days, community education, brochures, advertisements, fair booths, farm/home show booths and other activities that will showcase the project and increase participation to reach the goals of our plan. A focus will be placed on groundwater, recharge, well testing and other events that work towards the measurable goals of the plan.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	LQP-YB Watershed Plan	\$20,000.00	\$645.30	\$19,354.70	09/10/2024	N

Actual Results

No funds have been spent to date.

Activity Name: Non-structural practices

Activity Category: Non-Structural Management Practices

Staff time?: No

Description: Non-structural practices such as cover crops, reduced tillage, nutrient management, prescribed grazing, crop rotation, perennial cover and other practices that will help us reach the goals in our plan as identified in the targeted implementation schedule. Cost share rates will be specified in supporting local policy.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Federal Funds	Federal funds used to implement BMPS that work towards the goals of the plan	\$26,898.10		\$26,898.10		Y
Current State Grant	LQP-YB Watershed Plan	\$311,981.00	\$249,430.90	\$62,550.10	12/09/2024	N

Actual Results

No funds have been spent to date.

Two cover crop and 3 strip till practices completed and paid out totaling \$64,510.0
 (Ransom: 25000, Clark: 10080,Severtson: 14400, Doom: 15030)

6 non structural contracts paid out totaling \$173,556.90 across ~700 acres
 (1 cover crop, 4 cover crop and no till, 1 cover crop and striptill)

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	778.76	Tons/Yr
Nitrogen	3959.62	Lbs/Yr
Phosphorus (Est. Reduction)	196.27	Lbs/Yr

Activity Action Name: Corey Ransom Strip till 2	Activity Count: 2
Practice Type: 329 - Residue & Tillage Management (no/strip-till)	Size/Units: 102.29 - Acres
TA Provider/JAA: SWCD	Lifespan: 1 Year
Practice Description: 2 fields	Install Date: 10/30/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	19	PTMApp - Priority Resource	west branch lqp river
Nitrogen	Lbs/Yr	383	PTMApp - Priority Resource	west branch lqp river
Sediment (Tss)	Tons/Yr	76	PTMApp - Priority Resource	west branch lqp

Activity Action Name:	Corey Ransom 2 CC	Activity Count: 2
Practice Type:	340 - Cover Crop	Size/Units: 102.29 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	2 fields	Install Date: 10/30/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	23	PTMApp - Priority Resource	west branch lqp river
Nitrogen	Lbs/Yr	468	PTMApp - Priority Resource	west branch lqp river
Sediment (Tss)	Tons/Yr	87	PTMApp - Priority Resource	west branch lqp river

Activity Action Name:	Bryan Clark 2	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 219.4 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:		Install Date: 10/28/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	186	PTMApp - Priority Resource	west branch lqp river
Phosphorus (Est. Reduction)	Lbs/Yr	50	PTMApp - Priority Resource	west branch lqp river
Nitrogen	Lbs/Yr	1004	PTMApp - Priority Resource	west branch lqp river

Activity Action Name:	Corey Ransom Strip till	Activity Count: 1
Practice Type:	329 - Residue & Tillage Management (no/strip-till)	Size/Units: 89.29 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	2 strip-tilled fields, totaling 89.29 acres.	Install Date: 10/21/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	66	PTMApp - Priority Resource	west branch lqp river
Phosphorus (Est. Reduction)	Lbs/Yr	17	PTMApp - Priority Resource	west branch lac qui parle river
Nitrogen	Lbs/Yr	334	PTMApp - Priority Resource	west branch lqp river

Activity Action Name:	Dorn Severtson No Till / Strip Till	Activity Count: 1
Practice Type:	329 - Residue & Tillage Management (no/strip-till)	Size/Units: 120 - Acres
TA Provider/JAA:	TSA	Lifespan: 1 Year
Practice Description:	Strip-tilled field, totaling 120 acres.	Install Date: 12/09/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	22.27	PTMApp - Priority Resource	Lac Qui Parle River
Sediment (Tss)	Tons/Yr	97.74	PTMApp - Priority Resource	Lac Qui Parle River
Nitrogen	Lbs/Yr	448.9	PTMApp - Priority Resource	Lac Qui Parle River

Activity Action Name:	Kevin Doom No Till/Strip Till	Activity Count: 1
Practice Type:	329 - Residue & Tillage Management (no/strip-till)	Size/Units: 167 - Acres
TA Provider/JAA:	TSA	Lifespan: 1 Year
Practice Description:	Reduced-tilled field, totaling 167 acres.	Install Date: 12/06/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	31	PTMApp - Priority Resource	Lac Qui Parle River
Nitrogen	Lbs/Yr	624.72	PTMApp - Priority Resource	Lac Qui Parle River
Sediment (Tss)	Tons/Yr	136.02	PTMApp - Priority Resource	Lac Qui Parle River

Activity Action Name:	Bryan Clark Cover Crop Practice	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 63 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	63 acre cover crop contract.	Install Date: 10/19/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	288	PTMApp - Priority Resource	west branch lac qui parle river
Sediment (Tss)	Tons/Yr	54	PTMApp - Priority Resource	west branch, Lac qui parle River
Phosphorus (Est. Reduction)	Lbs/Yr	14	PTMApp - Priority Resource	west branch, lac qui parle river

Activity Action Name:	Corey Ransom Cover Crops	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 89.29 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Cover crops on 2 different fields, totaling 89.29 acres.	Install Date: 10/21/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	76	PTMApp - Priority Resource	West Branch Lac qui Prrle river
Phosphorus (Est. Reduction)	Lbs/Yr	20	PTMApp - Priority Resource	West Branch Lac qui Parle River
Nitrogen	Lbs/Yr	409	PTMApp - Priority Resource	West Branch LqP River

Activity Name: Technical & Engineering

Activity Category: Technical/Engineering Assistance

Staff time?: No

Description: Engineering & technical assistance for project creation and design.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	LQP-YB Watershed Plan	\$82,350.00	\$39,935.36	\$42,414.64	12/31/2024	N

Actual Results

CY2023, Quintin was on visits with land owners planning and preparing plans for projects that were approved and funded; 143.5 hrs @\$55.79/hr=\$8,005.87 applied to grant