



# Grant Progress Report

## Projects and Practices 2023

**Grant Title:** 2023 Lower Clearwater Planning Region Water Quality Improvement Projects

**Grant Award (\$):** \$318,600.00

**Grant Execution Date:** 01/26/2023

**Grant ID:** C23-0928

**Required Match (%):** 25

**Grant End Date:** 12/31/2025

**Grantee:** Red Lake SWCD

**Required Match (\$):** \$79,650.00

**Fiscal Agent:** Red Lake SWCD

**Grant Day-to-Day Contact:** Tanya Waldo

	Total Budgeted	Total Spent	Balance Remaining*
<b>Grant Funds</b>	\$318,600.00	<b>\$1,627.94</b>	\$316,972.06
<b>Match Funds</b>	\$79,650.00	<b>\$280.07</b>	\$79,369.93
<b>Other Funds</b>	\$0.00	<b>\$0.00</b>	\$0.00
<b>Total</b>	\$398,250.00	<b>\$1,908.01</b>	\$396,341.99

\*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	Red Lake Watershed District, Red Lake County SWCD, Landowner, and other Local Contribution	\$2,950.00		\$2,950.00	Y
Administration /	Administration/Coordination	Current State Grant	2023 Lower Clearwater Planning Region	\$11,800.00	\$359.30	\$11,440.70	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>
Coordination			Water Quality Improvem..				
Agricultural Practices	Agricultural Practices	Local Fund	Red Lake Watershed District, Red Lake County SWCD, Landowner, and other Local Contribution	\$59,000.00		\$59,000.00	Y
Agricultural Practices	Agricultural Practices	Current State Grant	2023 Lower Clearwater Planning Region Water Quality Improvem..	\$236,000.00		\$236,000.00	N
Project Development	Project Development	Local Fund	Red Lake Watershed District, Red Lake County SWCD, Landowner, and other Local Contribution	\$5,900.00		\$5,900.00	Y
Project Development	Project Development	Current State Grant	2023 Lower Clearwater Planning Region Water Quality Improvem..	\$23,600.00	\$57.10	\$23,542.90	N
Technical / Engineering Assistance	Technical/Engineering Assistance	Local Fund	Red Lake Watershed District, Red Lake County SWCD, Landowner, and other Local Contribution	\$11,800.00	\$280.07	\$11,519.93	Y
Technical / Engineering Assistance	Technical/Engineering Assistance	Current State Grant	2023 Lower Clearwater Planning Region Water Quality Improvem..	\$47,200.00	\$1,211.54	\$45,988.46	N

## Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Sediment (Tss)	318	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	84	Lbs/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
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## Grant Activities

<b>Activity Name: Administration / Coordination</b>	
<b>Activity Category:</b> Administration/Coordination	<b>Staff time?:</b> Yes
<p><b>Description:</b> The District Manager will make sure compliance with the BWSR Clean Water Fund Policy and the BWSR's Grant Administration Manual will be met.</p> <p>The District Manager will be responsible for contractual requirements, time and expenditure tracking, financial responsibilities, reporting requirements, and keeping the SWCD Board informed through the process.</p> <p>Project administration includes developing a partnership with the landowner, the Engineer, and the SWCD. Contractual requirements, grant agreement requirements, expenditure tracking, financial responsibilities, reporting requirements, and meeting the grant expiration deadline.</p>	
<b>Budget Details</b>	

<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	2023 Lower Clearwater Planning Region Water Quality Improvem..	\$11,800.00	\$359.30	\$11,440.70	12/29/2023	N
Local Fund	Red Lake Watershed District, Red Lake County SWCD, Landowner, and other Local Contribution	\$2,950.00		\$2,950.00		Y

### Actual Results

Project administration included developing a partnership with the landowner, the Engineer, and the SWCD. The District Manager was responsible for the contractual requirements, grant agreement requirements, expenditure tracking, financial responsibilities, reporting requirements, and meeting the grant expiration deadline.

## Activity Name: Agricultural Practices

**Activity Category:** Agricultural Practices

**Staff time?:** No

**Description:** Red Lake County SWCD has targeted twelve sites for implementation of structural agricultural practices based on data analysis obtained from using the DRAFT Clearwater River CWMP, the Clearwater River WRAPs and TMDL Reports, PTMApp, DNR Stressor ID database, and the Soil and Water Assessment Tool (SWAT) models. The data identified the Lower Clearwater Planning Region as having the highest sediment yield in the Clearwater River Watershed, highlighted fields in the subwatershed with the highest sediment loading, and even showed specific locations in the field which were most vulnerable to erosion. Red Lake County SWCD conducted an Erosion Site Inventory in 2022, which verified the information from the tools/models and found landowners in these priority areas that were eager to fix the erosion problems on their fields.

The structural agricultural practices will include, but are not limited to, grade stabilization structures, grassed waterways, and water & sediment basins. The implementation of these practices is estimated to reduce sediment loading in the Lower Clearwater River by 318 tons/year (catchment outlet), which would achieve 25% progress towards the 10-year Plan goal. This will improve water quality, recreation, fish habitat, and aesthetics. Further downstream, the City of East Grand Forks pulls its drinking water from the Red Lake River, making these projects a regional concern as well.

The Ag practice lifespan will be 10-15 years, these practices will be installed on private lands and will require a contract between the SWCD and the landowner. Seventy-five percent of the projects will be covered by the state grant and twenty-five percent will be covered by a local match such as, but not limited to, Red Lake Watershed District, Red Lake County, Red Lake County SWCD, the landowner, etc.

### 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	2023 Lower Clearwater Planning Region Water Quality Improvem..	\$236,000.00		\$236,000.00		N
Local Fund	Red Lake Watershed District, Red Lake County SWCD, Landowner, and other Local Contribution	\$59,000.00		\$59,000.00		Y

### Actual Results

## Activity Name: Project Development

Activity Category: Project Development

Staff time?: Yes

**Description:** The District Manager will act as a liaison between the landowner, Engineering Firm, Red Lake County Highway Engineer, and the SWCD for on-site field visit.

The District Manager will schedule with the Engineer for surveying the project site and inform the landowner on the project's process (contract, design, bidding process, reimbursement voucher, etc.).

The SWCD will be hiring an Engineering Firm to complete the work.

The District Manager will submit an Engineering request to either Houston Engineering or another Engineering Firm for a Client Services Agreement proposal, or to the Red River Valley Conservation Service Area Engineer for the project sites.

### 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	2023 Lower Clearwater Planning Region Water Quality Improvem..	\$23,600.00	\$57.10	\$23,542.90	12/31/2023	N
Local Fund	Red Lake Watershed District, Red Lake County SWCD, Landowner, and other Local Contribution	\$5,900.00		\$5,900.00		Y

### Actual Results

Acted as the liaison between the landowner, Engineering Firm, Red Lake County Highway Engineer, and the SWCD for on-site field visit. Schedule with the Engineer for surveying the project site. Informing the landowner on the project's process (contract, design, bidding process, reimbursement voucher, etc.).

The SWCD hired the RRVCSA - North POD and Houston Engineering to provide the technical and engineering assistance.

## Activity Name: Technical / Engineering Assistance

**Activity Category:** Technical/Engineering Assistance

**Staff time?:** Yes

**Description:** Technical and Engineering Assistance will be provided by Houston Engineering, the SWCD staff, the Red Lake County Highway Engineer, and/or the Red River Valley Conservation Service Area Engineer and Engineer Tech.

If the above Technical/Engineering staff are not available, the SWCD will be hiring someone with JAA or another Engineering Firm to complete the survey, design, construction, and construction inspection work.

Designs and practice certification will be signed by the RLC Engineer or someone with appropriate job approval authority or a licensed engineer.

Job approval authority credentials are available in eLINK or upon request.

Ag practices will be designed according to the NRCS FOTG standards.

### 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	2023 Lower Clearwater Planning Region Water Quality Improvem..	\$47,200.00	\$1,211.54	\$45,988.46	12/31/2023	N
Local Fund	Red Lake Watershed District, Red Lake County SWCD, Landowner, and other Local Contribution	\$11,800.00	\$280.07	\$11,519.93	12/31/2023	Y

### Actual Results

Technical and Engineering Assistance was provided by the SWCD staff, Red Lake County Highway Engineer, the Red Lake River Conservation Service (North POD) Engineer and Engineering Tech, and an Engineering Firm to complete the survey, design, and construction inspection work.