



# Grant Progress Report

## Projects and Practices 2020

**Grant Title:** 2020 City of Glenwood Targeted Urban Stormwater Implementation Project Phase 1

**Grant Award (\$):** \$292,500.00

**Grant Execution Date:** 03/25/2020

**Grant ID:** C20-6395

**Required Match (%):** 25

**Grant End Date:** 12/31/2024

**Grantee:** Pope SWCD

**Required Match (\$):** \$73,125.00

**Fiscal Agent:** Pope SWCD

**Grant Day-to-Day Contact:** Holly Kovarik

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$292,500.00	\$245,451.62	\$47,048.38
Match Funds	\$73,125.00	\$59,163.59	\$13,961.41
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$365,625.00	\$304,615.21	\$61,009.79

\*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?
Grant Management and Reporting	Administration/Coordination	Current State Grant	2020 City of Glenwood Targeted Urban Stormwater Implementati..	\$2,500.00	\$1,598.00	\$902.00	N
City of Glenwood Match	Groundwater	Local Fund	Local	\$10,000.00	\$11,666.00	(\$1,666.00)	Y

<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>
Project Development	Project Development	Current State Grant	2020 City of Glenwood Targeted Urban Stormwater Implementati..	\$20,000.00	\$9,555.04	\$10,444.96	N
Technical Assistance and Engineering	Technical/Engineering Assistance	Current State Grant	2020 City of Glenwood Targeted Urban Stormwater Implementati..	\$65,000.00	\$91,805.84	(\$26,805.84)	N
Construction Materials, contractor Labor, and Equipment	Urban Stormwater Management Practices	Current State Grant	2020 City of Glenwood Targeted Urban Stormwater Implementati..	\$205,000.00	\$142,492.74	\$62,507.26	N
Construction Materials, contractor Labor, and Equipment	Urban Stormwater Management Practices	Landowner Fund	landowner project match	\$63,125.00	\$47,497.59	\$15,627.41	Y

### Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	17	Lbs/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	3.45	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	4.15	Tons/Yr

## Grant Activities

### Activity Name: City of Glenwood Match

**Activity Category:** Groundwater

**Staff time?:** No

**Description:** The City intends to seal 3 public drinking water wells on city property. These are larger wells from the old system that is no longer in use. The City will use certified vendors to seal these wells to the Minnesota Department of Health standards and specifications.

#### 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	\$10,000.00	\$11,666.00	(\$1,666.00)	12/31/2021	Y

#### Actual Results

The City sealed 3 public drinking water wells on city property. These are larger wells from the old system that is no longer in use. The City will use certified vendors to seal these wells to the Minnesota Department of Health standards and specifications. These were sealed in 2021. This activity has been fully accomplished.

## Activity Name: Construction Materials, contractor Labor, and Equipment

**Activity Category:** Urban Stormwater Management Practices

**Staff time?:** No

**Description:** Contractors and earth work needed to complete the construction. Construction of BMPs such as: storm water ponds, retention/detention ponds, tree trenches, rain gardens, bio-swales, a ravine repair, and well sealings among others that provide similar water quality benefits as determined necessary. Cost share contracts will be available for up to 75% between the Pope SWCD and an individual landowner. Projects to be completed on city property will be conducted as the City of Glenwood being deemed a landowner. Landowners are responsible for hiring a contractor/vendor. The City will use their own engineer, WSN, and they will be expected to provide an estimate before work is completed. The PE of each engineering firm, WSN or the WCTSA, will be the technical sign-off on project designs.

A clarification should be noted on the Phosphorus reduction goal. It should be listed as 5.34 LBS/YR under the proposed activity indicators as the goal for the entire grant. Water quality by reducing phosphorus and nitrogen along with sediment (excess nutrients and sediment) to Lake Minnewaska is the primary goal. The BMP 26 with the detention pond and ravine repair will treat 12 acres of stormwater runoff by providing 4,500 cubic feet of treatment volume via 1.5 foot depth of infiltration. This will reduce 2.84 pounds of TP and 1.97 tons TSS load reduction. Secondary benefits such as storm water management and flood reduction will be accomplished as well with the anticipated best management projects within the City of Glenwood. These BMPs and targeted load reductions are based on the City of Glenwood Water Quality Assessment and BMP Prioritization report from Houston Engineering.

### 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	2020 City of Glenwood Targeted Urban Stormwater Implementati..	\$205,000.00	\$142,492.74	\$62,507.26	10/07/2022	N
Landowner Fund	landowner project match	\$63,125.00	\$47,497.59	\$15,627.41	10/07/2022	Y

## Actual Results

The Pope SWCD has been coordinating with the City of Glenwood on a major ravine repair. The project is installed and we have made two payments to the City for the contractor Seph Construction.

The project has been fully constructed and two partial payments have been made to the City based on Seph Construction invoicing. We are waiting on final invoicing to spend the remaining funding for this project in spring 2022.

The ravine project was fully finished in 2022 with final payment being completed in October once details were provided by Seph Construction and the City.

The ravine came in under bid so this leaves funds remaining and conversations began for scoping the next site Upstream of 5th Street SE and 6th Ave SE BMP #8 in the Stormwater Study completed. WSN has provided an estimate for survey and design of the site \$44,160. The Pope SWCD has approved this scope of work and the scope was signed 01/10/2023. Once a design is prepared we will determine if components can be installed to utilize what remains in this grant and then apply to finish the project the next grant cycle.

## Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	3.45	Lbs/Yr
Sediment (Tss)	4.15	Tons/Yr

Activity Action Name: GL02-2021 City of Glenwood Ravine Repair				Activity Count: 9
Practice Type: 410 - Grade Stabilization Structure				Size/Units: 9 - Acre-Feet/Yr
TA Provider/JAA: Private Consultant				Lifespan: 10 Years
Practice Description: 9 structures were placed in the ravine				Install Date: 10/31/2021
				Mapped: Yes
Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	3.45	P8 Urban Catchment Model	Lake Minnewaska
Sediment (Tss)	Tons/Yr	4.15	P8 Urban Catchment Model	Lake Minnewaska

## Activity Name: Grant Management and Reporting

**Activity Category:** Administration/Coordination

**Staff time?:** Yes

**Description:** Pope SWCD staff managing reporting requirements of grant funds and eLINK updates.

### 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	2020 City of Glenwood Targeted Urban Stormwater Implementati..	\$2,500.00	\$1,598.00	\$902.00	11/03/2023	N

### Actual Results

Pope SWCD staff has been completing reporting requirements for this grant and updating in elink. We are waiting on one major project to wrap up a final payment. The project has been constructed.

The ravine project was fully finished in 2022 with final payment being completed in October once details were provided by Seph Construction and the City.

The ravine came in under bid so this leaves funds remaining and conversations began for scoping the next site Upstream of 5th Street SE and 6th Ave SE BMP #8 in the Stormwater Study completed. WSN has provided an estimate for survey and design of the site \$44,160. The Pope SWCD has approved this scope of work and the scope was signed 01/10/2023. Once a design is prepared we will determine if components can be installed to utilize what remains in this grant and then apply to finish the project the next grant cycle.

The Pope SWCD staff has been working with WSN Engineering and the City of Glenwood to design a project identified in the Stormwater Plan. We have been preparing this project for construction in 2024.

## Activity Name: Project Development

**Activity Category:** Project Development

**Staff time?:** Yes

**Description:** Pope SWCD staff coordinating with landowners to develop work plans, assistance, engineering requests, and designing urban storm water best management practices.

### 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	2020 City of Glenwood Targeted Urban Stormwater Implementati..	\$20,000.00	\$9,555.04	\$10,444.96	11/30/2022	N

#### Actual Results

Pope SWCD staff has been coordinating with landowners to develop work plans and designs. Staff has been working with the WSN engineering staff on a ravine repair with the City of Glenwood. This will go out for bid and the project will be ready for construction in 2021. This ravine is around \$200,000. The City Council has approved to put it out for bid in early 2021 and anticipate construction later this year. The SWCD will execute a contract with the City before spring 2021. Staff are also working with private landowners on smaller urban stormwater BMPs. Funds have been used for WSN's work on this project and for the SWCD staff coordinating the work.

The ravine repairs have been completed and we have made payments to the city. We are waiting on a final invoice for this project and then we will assess what remains in the grant for smaller scale BMP projects to finish utilizing this grant in 2022.

The ravine project was fully finished in 2022 with final payment being completed in October once details were provided by Seph Construction and the City.

The ravine came in under bid so this leaves funds remaining and conversations began for scoping the next site Upstream of 5th Street SE and 6th Ave SE BMP #8 in the Stormwater Study completed. WSN has provided an estimate for survey and design of the site \$44,160. The Pope SWCD has approved this scope of work and the scope was signed 01/10/2023. Once a design is prepared we will determine if components can be installed to utilize what remains in this grant and then apply to finish the project the next grant cycle.

## Activity Name: Technical Assistance and Engineering

**Activity Category:** Technical/Engineering Assistance

**Staff time?:** No

**Description:** Partnering with engineering staff to develop urban storm water project construction plans. The City of Glenwood has decided to work with their city engineer, WSN. When the SWCD assists with providing engineered designs it will work with the WCTSA. Estimates will be provided beforehand. Both WSN and the TSA will invoice and be directly paid by the SWCD.

#### 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	2020 City of Glenwood Targeted Urban Stormwater Implementati..	\$65,000.00	\$91,805.84	(\$26,805.84)	10/17/2023	N

## Actual Results

Staff has been working with the WSN engineering staff on a ravine repair with the City of Glenwood. This will go out for bid and the project will be ready for construction in 2021. This ravine is around \$200,000. The City Council has approved to put it out for bid in early 2021 and anticipate construction later this year. The SWCD will execute a contract with the City before spring 2021. WSN will be the engineering company to oversee construction of the project and we have entered into a contract in December of 2020 with them for this work. Staff are also working with private landowners on smaller urban stormwater BMPs. Funds have been expended to WSN and the SWCD staff doing work on this project.

WSN has designed and oversaw construction of the ravine project. They have also created the Operation and Maintenance Agreement for the project. This project with the City should be wrapped up in early 2022 and we are getting closer to closing this grant out.

The ravine project was fully finished in 2022 with final payment being completed in October once details were provided by Seph Construction and the City.

The ravine came in under bid so this leaves funds remaining and conversations began for scoping the next site Upstream of 5th Street SE and 6th Ave SE BMP #8 in the Stormwater Study completed. WSN has provided an estimate for survey and design of the site \$44,160. The Pope SWCD has approved this scope of work and the scope was signed 01/10/2023. Once a design is prepared we will determine if components can be installed to utilize what remains in this grant and then apply to finish the project the next grant cycle.

WSN has provided an estimate for survey and design of the site \$44,160. The Pope SWCD has approved this scope of work and the scope was signed 01/10/2023. A design is prepared and permits are being obtained we will determine if components can be installed to utilize what remains in this grant and then apply to finish the project the next grant cycle. We applied for a new CWF grant to implement the practice now we will wait to piggy back funding with the WBIF to get the project funded to 75%. This project will close out this grant.