



Grant Progress Report

Watershed Based Implementation FEB 2021

Grant Title: 2021 Metro WBIF – Mississippi East Watershed – Anoka CD

Grant Award (\$): \$113,193.00

Grant Execution Date: 03/31/2021

Grant ID: C21-5246

Required Match (%): 10

Grant End Date: 12/31/2023

Grantee: Anoka CD

Required Match (\$): \$11,319.30

Fiscal Agent: Anoka CD

Grant Day-to-Day Contact: Chris Lord

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$113,193.00	\$28,572.93	\$84,620.07
Match Funds	\$28,270.00	\$10,328.84	\$17,941.16
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$141,463.00	\$38,901.77	\$102,561.23

*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?
Admin	Administration/Coordination	Current State Grant	2021 Metro WBIF – Mississippi East Watershed – Anoka CD	\$2,000.00	\$969.24	\$1,030.76	N
Outreach	Education/Information	Local Fund	Multiple LGUs - ACD cover difference	\$20,000.00		\$20,000.00	Y
Outreach	Education/Information	Current State Grant	2021 Metro WBIF – Mississippi East Watershed – Anoka CD	\$28,500.00	\$12,770.10	\$15,729.90	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>
Subwatershed Analysis	Planning and Assessment	Local Fund	ACD	\$2,000.00	\$2,000.00	\$0.00	Y
Subwatershed Analysis	Planning and Assessment	Current State Grant	2021 Metro WBIF – Mississippi East Watershed – Anoka CD	\$19,993.00	\$12,133.59	\$7,859.41	N
Project Development	Project Development	Local Fund	ACD	\$2,000.00	\$1,613.62	\$386.38	Y
Project Development	Project Development	Current State Grant	2021 Metro WBIF – Mississippi East Watershed – Anoka CD	\$1,000.00	\$1,000.00	\$0.00	N
Tech/Eng	Technical/Engineering Assistance	Local Fund	ACD	\$4,270.00	\$6,715.22	(\$2,445.22)	Y
Tech/Eng	Technical/Engineering Assistance	Current State Grant	2021 Metro WBIF – Mississippi East Watershed – Anoka CD	\$1,700.00	\$1,700.00	\$0.00	N
Urban Stormwater BMP Installation	Urban Stormwater Management Practices	Current State Grant	2021 Metro WBIF – Mississippi East Watershed – Anoka CD	\$60,000.00		\$60,000.00	N

Indicator Summary

<i>Activity Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Urban Stormwater Management Practices	Water Pollution (Reduction Estimates)	2	Sediment (Tss)
Urban Stormwater Management Practices	Water Pollution (Reduction Estimates)	2	Phosphorus (Est. Reduction)

<i>Activity Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Urban Stormwater Management Practices	Water Pollution (Reduction Estimates)	2	Phosphorus (Est. Reduction)
Urban Stormwater Management Practices	Water Pollution (Reduction Estimates)	2	Sediment (Tss)

Grant Activities

Activity Name: Admin

Activity Category: Administration/Coordination

Has Rates and Hours?: Yes

Description: Bookkeeping, elink reporting, invoicing, and related. Milestones: Annual elink reports.

Staff and qualifications: Kathy Berkness, ACD Office Administrator, 15 yrs of ACD financial mgmt. Chris Lord, ACD District Mgr, BS Nat. Res. & Env. Sci. with 29 yrs in water and ecological resource management.

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Current State Grant	2021 Metro WBIF – Mississippi East Watershed – Anoka CD	\$2,000.00	\$969.24	\$1,030.76	12/31/2022	N

Actual Results

2021 grant admin

2022 - Grant administration

Activity Name: Outreach

Activity Category: Education/Information

Has Rates and Hours?: Yes

Description: Animated Video Development - Complete three animated informational videos on water resource management topics: Watersheds, Stormwater, Stormwater Ponds (substitutions of equivalent nature may be necessary to avoid redundant work products e.g. a chloride video was planned but one was just completed by another entity).

Milestones: 2021 - complete watershed and stormwater video, 2022 - complete stormwater pond video.

Video Companion Material Development - Develop companion material for two animated videos on foundational surface water resource topics; watersheds and stormwater, to reach both youth and adult audiences. Outreach programming for youth will include student pledges to share with parents and take action.

Milestones: 2021 engage stakeholder group to help guide messaging, structure, and content. 2022 - develop companion material for watersheds and stormwater videos designed to reach both youth and adult audiences. 2023 - test material with audiences and refine based on response and outcomes.

\$15K anticipated for professional videography/animation, remainder for staff.

Staff and qualifications: Emily Johnson – ACD Outreach Coord. – BA Geology with over 2 yrs exp. in public outreach and social media mgmt.

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Current State Grant	2021 Metro WBIF – Mississippi East Watershed – Anoka CD	\$28,500.00	\$12,770.10	\$15,729.90	12/31/2022	N
Local Fund	Multiple LGUs - ACD cover difference	\$20,000.00		\$20,000.00		Y

Actual Results

2021

Initiate video and companion material development

2022 - Began the production of two educational animated videos: "Our Riverbank Connection" (targeted toward riverside landowners and the ways they can steward, protect, and stabilize their riverbank), and "Our Watershed Connection" (targeted toward the general public and the things they can do to protect water quality and support healthy watersheds). Created an online river quiz to accompany the new "Our River Connection" animated video.

Activity Name: Project Development

Activity Category: Project Development

Has Rates and Hours?: Yes

Description: Landowner outreach, site recon., contract development and related tasks to secure project sites.

Milestones: 2021 - Landowner outreach, site selection and contracting.

Staff and qualifications: Chris Lord, ACD District Mgr (BS Nat. Res. & Env. Sci. with 29 yrs in water and ecological resource management); Kris Larson, ACD District Technician (B.S. in natural res field, 5 yrs project assistance);

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Local Fund	ACD	\$2,000.00	\$1,613.62	\$386.38	12/31/2022	Y
Current State Grant	2021 Metro WBIF – Mississippi East Watershed – Anoka CD	\$1,000.00	\$1,000.00	\$0.00	12/31/2021	N

Actual Results

2021

Completed reconn and engaged City of Fridley on high priority pond modification

2022 - Project development for pond modification.

Activity Name: Subwatershed Analysis

Activity Category: Planning and Assessment

Has Rates and Hours?: Yes

Description: Complete a SWA for Centerville Lake watershed.

Milestones: 2021 - completed SWA.

Staff and qualifications: Chris Lord, ACD District Mgr (BS Nat. Res. & Env. Sci. with 29 yrs in water and ecological resource management); Kris Larson, ACD District Technician (B.S. in natural res field, 5 yrs project assistance);

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Local Fund	ACD	\$2,000.00	\$2,000.00	\$0.00	12/31/2022	Y
Current State Grant	2021 Metro WBIF – Mississippi East Watershed – Anoka CD	\$19,993.00	\$12,133.59	\$7,859.41	12/31/2022	N

Actual Results

2021

Landtruth Centerville Lake watershed and begin building water quality model

2022 - Finalized detailed contributing drainage areas and connectivity throughout subwatershed, compiled existing BMP information in preparation for water quality models, and began development of report.

Activity Name: Tech/Eng

Activity Category: Technical/Engineering Assistance

Has Rates and Hours?: Yes

Description: Stormwater BMP site survey, designs, bidding, construction oversight. Designs will be done by ACD staff and signed off by an individual with the appropriate TAA. The TAA sign off role may be contracted to an SWCD or consulting engineer as needed.

Milestones: 2021 - survey, designs, and bidding. 2022 - construction oversight. Quantity of sites is listed in the activity lines for "urban stormwater BMP installation"

Staff and qualifications: Chris Lord, ACD District Mgr (BS Nat. Res. & Env. Sci. with 29 yrs in water and ecological resource management); Kris Larson, ACD District Technician (B.S. in natural res field, 5 yrs project assistance);

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Current State Grant	2021 Metro WBIF – Mississippi East Watershed – Anoka CD	\$1,700.00	\$1,700.00	\$0.00	12/31/2022	N
Local Fund	ACD	\$4,270.00	\$6,715.22	(\$2,445.22)	12/31/2022	Y

Actual Results

2021

Stormwater pond modification benefits modeling

2022 - Completed survey of pond area and concept design for pond retrofit to enhance water quality treatment.

Activity Name: Urban Stormwater BMP Installation

Activity Category: Urban Stormwater Management Practices

Has Rates and Hours?: Yes

Description: Install 3 - 4 highly ranked curb-cut rain gardens or infiltration benches identified in Springbrook SWA to reduce TP loading to Springbrook and the Mississippi River.

Milestones: 2022 construction.

Staff and qualifications: Chris Lord, ACD District Mgr (BS Nat. Res. & Env. Sci. with 29 yrs in water and ecological resource management); Kris Larson, ACD District Technician (B.S. in natural res field, 5 yrs project assistance);

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Current State Grant	2021 Metro WBIF – Mississippi East Watershed – Anoka CD	\$60,000.00		\$60,000.00		N

Actual Results

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
METALS (MERCURY IN WATER COLUMN) - PPB	2	Ppb
BOD 5 - LBS/YR	2	Lbs/Yr

Activity Action Name: Urban Stormwater BMP	Activity Count: 4
Practice Type: 712M - Bioretention Basin	Size/Units:
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description:	Install Date:
	Mapped: No

Indicator Name/Units	Value	Calculation Tool	Waterbody
METALS (MERCURY IN WATER COLUMN) - PPB	2	Winslamm	Springbrook
BOD 5 - LBS/YR	2	Winslamm	Springbrook