



Environment and Natural Resources Trust Fund (ENRTF) M.L. 2019 ENRTF Work Plan (Main Document)

Today's Date: August 27, 2018

Date of Next Status Update Report: March 1, 2020

Date of Work Plan Approval:

Project Completion Date: November 2021

Does this submission include an amendment request? ___

PROJECT TITLE: Mississippi National River & Recreation Area Forest Restoration

Project Manager: Mary Hammes

Organization: Mississippi Park Connection

College/Department/Division:

Mailing Address: 111 Kellogg Blvd E, Suite 105

City/State/Zip Code: St. Paul/MN/55101

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Location: Mississippi National River and Recreation Area

Total Project Budget: \$199,000

Amount Spent: \$0

Balance: \$199,000

Legal Citation: M.L. 2019, Chp. xx, Sec. xx, Subd. xx

Appropriation Language:

I. PROJECT STATEMENT:

This is a forest restoration project within the Mississippi National River and Recreation Area (MNRRA), a 72-mile corridor of the Mississippi River that runs through the metropolitan area of the Twin Cities. Through this project, we will support city and county land managers to remove hazardous ash trees that have succumbed to emerald ash borer (EAB) and proactively remove ash in areas that will soon be infested, perform shelterwood removal to create canopy gaps, inventory land with existing ash trees for emerging EAB, and plant more than 15,000 native trees, shrubs, and understory plants to build species diversity.

MNRRA is home to more than ½ million ash trees. Of the river’s canopy, more than 20% consists of green and black ash. In certain areas, ash cover exceeds 45% of the canopy. Since emerald ash borer (EAB) was discovered in Saint Paul in 2009, cities and counties have struggled to address EAB in park natural areas where erosion, habitat loss, and hazardous trees are all concerning.

This proposal supports a Mississippi River crew from the Conservation Corps of MN and IA, planting 10,000 native trees, and 5,000 native shrubs and understory plants, and coordinating with land-managers from eight river communities and three park managers to support 15 community parks within the Mississippi National River and Recreation Area (MNRRA). These parks were determined by consulting the National Park Service’s forest management plan for MNRRA and through consultation with the community partners listed below. Volunteers, managed cooperatively between the National Park Service and Mississippi Park Connection, will support planting efforts with in kind support.

II. OVERALL PROJECT STATUS UPDATES:

First Update March 1, 2020

Second Update September 1, 2021

Third Update March 1, 2021

Fourth Update September 1, 2022

Fifth Update March 1, 2022

Final Report between project end (June 30) and August 15, 2022

III. PROJECT ACTIVITIES AND OUTCOMES:

Activity:

Restore forested areas of the Mississippi National River and Recreation Area that have been or will soon be affected by Emerald Ash Borer by planting 15,000 native trees, shrubs and understory plants.

ENRTF BUDGET: \$ 199,000

Outcome	Completion Date
1. Planting of 15,000 trees and shrubs in forest understory over two years.	October 2021
2. Install tree tubes to protect trees from herbivory.	October 2021
3. Identify parks that have new EAB infestations within MNRRA.	November 2021

First Update March 1, 2020

Second Update September 1, 2021

Third Update March 1, 2021

Fourth Update September 1, 2022

Fifth Update March 1, 2022

Final Report between project end (June 30) and August 15, 2022

IV. DISSEMINATION:

Description:

Many of the activities described in this plan include volunteer assistance. Volunteers will be notified of the support of ENTRF for the project at the beginning of each event. We will add the ENTRF logo to our website at parkconnection.org/plant to acknowledge support of this initiative. Support will also be featured in one of our e-newsletters. Any signage that supports the projects will feature ENTRF logo and attribution language. Finally, we will acknowledge the support in our end of the year Annual Report.

The Minnesota Environment and Natural Resources Trust Fund (ENRTF) will be acknowledged through use of the trust fund logo or attribution language on project print and electronic media, publications, signage, and other communications per the [ENRTF Acknowledgement Guidelines](#).

First Update March 1, 2020

Second Update September 1, 2021

Third Update March 1, 2021

Fourth Update September 1, 2022

Fifth Update March 1, 2022

Final Report between project end (June 30) and August 15, 2022

V. ADDITIONAL BUDGET INFORMATION:

A. Personnel and Capital Expenditures

Explanation of Capital Expenditures Greater Than \$5,000: Plant materials and deer browse protection will continue to be used to protect newly planted trees along the river for the entirety of their usable lives. Once trees have grown above the tree tubes, they will be moved onto smaller trees that need additional protection.

Explanation of Use of Classified Staff:

Total Number of Full-time Equivalent (FTE) Directly Funded with this ENRTF Appropriation: A portion of the project manager’s salary will come out of this funding.

Enter Total Estimated Personnel Hours for entire duration of project: 152	Divide total personnel hours by 2,080 hours in 1 yr = TOTAL FTE: .07
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Total Number of Full-time Equivalents (FTE) Estimated to Be Funded through Contracts with this ENRTF Appropriation:

Enter Total Estimated Contract Personnel Hours for entire duration of project: 8338	Divide total contract hours by 2,080 hours in 1 yr = TOTAL FTE: 4
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VI. PROJECT PARTNERS:

A. Partners outside of project manager’s organization receiving ENRTF funding

Name	Title	Affiliation	Role
Nick Cox	Youth Outdoors Program Manager	Conservation Corps of Minnesota and Iowa	Nick will coordinate crews in partnership with Mary. Crews will perform shelterwood cutting and planting in high ash concentration forests. Crews will also survey ash stands for EAB presence and overall forest health. Crews will prep sites for volunteer plantings that will reduce erosion and increase habitat value.

B. Partners outside of project manager’s organization NOT receiving ENRTF funding

Name	Title	Affiliation	Role (Responsible for Park Management at the listed Park)
Carrie Taylor	Restoration Ecologist	Anoka Conservation District	<ul style="list-style-type: none"> Mississippi River Community Park
Lisa LaCasse	Recreation Supervisor	City of Anoka	<ul style="list-style-type: none"> Kings Island
Brian Swoboda	Parks Superintendent	City of Inver Grove Heights	<ul style="list-style-type: none"> River Road Park
Virginia Gaynor	Open Space Coordinator	City of Maplewood	<ul style="list-style-type: none"> Fish Creek
Alex Roth	Ecologist	Friends of the Mississippi River	<ul style="list-style-type: none"> Nicollet Island
Scott Hagen	Natural Resources	Dakota County Parks	<ul style="list-style-type: none"> Spring Lake Park Preserve
Eric Ogdahl/ Rebecca Tucker	Project Assistant Ecologist	Great River Greening	<ul style="list-style-type: none"> Pilot Knob Hill Open Space Restoration

Maggie Barnick/ Emily Dunlap	Natural Resources Technicians	Saint Paul Parks and Recreation	<ul style="list-style-type: none"> • Highwood Park • Henry Park • Hidden Falls Regional Park • Indian Mounds Regional Park • Mississippi River Boulevard
Missy Anderson	Invasive Species Coord.	Three Rivers Park District	<ul style="list-style-type: none"> • Mississippi Gateway (Coon Rapids Dam West)
Nancy Duncan	Natural Resources Mgr.	Mississippi National River & Recreation Area	<ul style="list-style-type: none"> • Island 108 (Near Coldwater Spring)
Kelli Bruns	Park Manager	MN Department of Natural Resources	<ul style="list-style-type: none"> • Fort Snelling State Park

VII. LONG-TERM- IMPLEMENTATION AND FUNDING:

Pike Island within Fort Snelling State Park and parks within the City of Saint Paul have been hit hard by EAB, now in its 9th year of infestation. Lessons learned from forest restoration projects in these hard-hit communities can be shared with land managers in areas of MNRRRA that are currently less far along in their infestations. The City of Anoka and Dakota County, for example, have not found EAB in their river parks yet. Working together throughout the river corridor, we can improve restoration outcomes as new infestations are found and need to be addressed. Through this request, we will build capacity during the most critical years of EAB’s spread through the Mississippi River Corridor while cities are ramping up their internal capacity to deal with this issue in the long-term.

VIII. REPORTING REQUIREMENTS:

- Project status update reports will be submitted March 1 and September 1 each year of the project
- A final report and associated products will be submitted between June 30 and August 15, 2022

IX. SEE ADDITIONAL WORK PLAN COMPONENTS:

- A. Budget Spreadsheet**
- B. Visual Component or Map**
- C. Parcel List Spreadsheet**
- D. Acquisition, Easements, and Restoration Requirements**
- E. Research Addendum**

Attachment A:
Environment and Natural Resources Trust Fund
M.L. 2019 Budget Spreadsheet



Legal Citation:

Project Manager: Mary Hammes

Project Title: Working Across Geographic Boundaries to Address Emerald Ash Borer along the Mississippi

Organization: Mississippi Park Connection

Project Budget: \$199,000

Project Length and Completion Date: 2 Years and June 30, 2021

Today's Date: October 18, 2018

ENVIRONMENT AND NATURAL RESOURCES TRUST FUND BUDGET	Budget	Amount Spent	Balance
BUDGET ITEM			
Personnel (Wages and Benefits)	\$ 6,500	\$ -	\$ 6,500
Environmental Stewardship and Volunteer Manager (\$6,500) 15%FTE			
Professional/Technical/Service Contracts	\$ 177,500	\$ -	\$ 177,500
Conservation Corps of MN and IA - Field Crew - Forest Restoration			
Equipment/Tools/Supplies			
	\$ -	\$ -	\$ -
Capital Expenditures Over \$5,000			
	\$ -	\$ -	\$ -
Fee Title Acquisition			
	\$ -	\$ -	\$ -
Easement Acquisition			
	\$ -	\$ -	\$ -
Professional Services for Acquisition			
	\$ -	\$ -	\$ -
Printing			
	\$ -	\$ -	\$ -
Travel expenses in Minnesota			
	\$ -	\$ -	\$ -
Other	\$ 15,000		\$ 15,000
Tree Tubes (\$8,000)			
Trees (\$7,000)		\$ -	\$ -
COLUMN TOTAL	\$ 199,000	\$ -	\$ 199,000

OTHER FUNDS CONTRIBUTED TO THE PROJECT	Status (secured or pending)	Budget	Spent	Balance
Non-State:	secured	\$ 121,568	\$ -	\$ 121,568
3M (\$50,000)				
NFWF (\$30,568)				
Mississippi Park Connection - Individual Donors (\$20,000)				
Tennant Company (\$11,000)				
Surly Brewing Company (\$5,000)				
Mortenson Family Foundation (\$5,000)				
State:		\$ -	\$ -	\$ -
In kind:	secured	\$ 80,000	\$ -	\$ 80,000
National Park Service (\$22,100)				
Volunteers (\$80,000 = 2,400 hrs X \$24.69)				
PAST AND CURRENT ENRTF APPROPRIATIONS	Amount legally obligated but not yet spent	Budget	Spent	Balance
Current appropriation:		\$ -	\$ -	\$ -
Past appropriations:		\$ -	\$ -	\$ -