



Environment and Natural Resources Trust Fund (ENRTF) M.L. 2011 Work Plan

Date of Status Update:

Date of Next Status Update: 1/1/2012

Date of Work Plan Approval: 9/27/2011

Project Completion Date: 6/30/2014

Is this an amendment request? _____

Project Title: Experiential Environmental Education for Urban Youth

Project Manager: Mary Karius

Affiliation: Hennepin County - Environmental Services

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Location:

Counties Impacted: Hennepin

Ecological Section Impacted: Minnesota and Northeast Iowa Morainal (222M)

Total ENRTF Project Budget:	ENRTF Appropriation \$:	200,000
	Amount Spent \$:	<u>0</u>
	Balance \$:	200,000

Legal Citation: M.L. 2011, First Special Session, Chp. 2, Art.3, Sec. 2, Subd. 08c

Appropriation Language:

\$200,000 the first year is from the trust fund to the commissioner of natural resources for an agreement with Hennepin County in cooperation with community partners to initiate new environmental education programs targeting inner-city youth that provide hands-on, experiential outdoor learning opportunities. This appropriation is available until June 30, 2014, by which time the project must be completed and final products delivered.

I. PROJECT TITLE: Experiential Environmental Education for Urban Youth.

II. PROJECT SUMMARY: Hennepin County will develop a new program called *UrbanWatch* that will focus on teachers and students in the urban core of Minneapolis, to implement and support environmental education in schools and communities that have traditionally been lacking in environmental programs. Hennepin County will equip students in North Minneapolis with the information necessary for healthier communities, a greater sense of stewardship, and increased appreciation for their natural world.

This program will focus in two areas, training teachers in existing environmental education curriculum and supporting outdoor educational activities as a hands-on experience. *UrbanWatch* will bring a collective of proven curricula and tools to empower teachers and at-risk students to explore, monitor, enhance, and protect environmental resources. It will increase their knowledge and skills regarding ecology, agriculture, water resources, and biological diversity in their own neighborhoods. These experiences will equip students and community members with the information necessary for healthier communities, a greater sense of stewardship, and increased appreciation for their natural world.

Through a grant program, Hennepin County will assist schools, community groups, non profit organizations, and churches to apply for funds to implement a new outdoor educational project. This project may include gardening, biological monitoring, field research and field trips. Hennepin County will administer all funds and work directly with community partners to insure program success. Focus of this program is the youth of North Minneapolis.

III. PROJECT STATUS UPDATES:

Project Status as of January 2012:

Project Status as of *June 2012*:

Project Status as of January 2013:

Project Status as of June 2013:

Project Status as of January 2014:

Project Status as of June 2014:

IV. PROJECT ACTIVITIES AND OUTCOMES:

ACTIVITY 1: Hennepin County Teacher Academy

Description: In many north Minneapolis public schools, teachers struggle with limited resources and a lack of supplies for environmental science instruction. This Teacher Academy will provide curriculum instruction for K-12 public school teachers in water resources, ecology and agriculture. In combination with curriculum, teachers will be eligible for funds to implement projects into their classroom and/or school. The curricula that will be offered are: Project Wet and MinnAqua from the Minnesota Department of Natural Resources; Schoolyard Ecology Explorations from UM Extension. Hennepin County will rely on its successful and established relationship with many Minneapolis public schools to offer and implement these curricula. Staff assistance is available for teachers throughout grant term and is at the cost of Hennepin County.

Summary Budget Information for Activity 1:

ENRTF Budget: \$54,762
Amount Spent: \$0

Balance: \$54,762

Activity Completion Date: March 2013

Outcome	Completion Date	Budget
1. YEAR 1: Cost of 30 teachers trained in DNR and UM SEE curriculum (15 with DNR at a cost of \$218.00 per = \$3270. 15 with UM at a cost of \$557 per = \$8361); These 30 teachers will directly impact an estimated 600 students in classrooms each year. This cost includes all materials for each teacher and instructor costs.	September 1, 2012	\$11,631
2. YEAR 1: Funds to implement DNR curriculum into classroom including monitoring equipment, resource materials (\$250 per teacher)	June 30, 2014	\$3750
3. YEAR 1: Funds to implement UM Extension SEE curriculum into classroom; including gardening supplies, plant materials, tools; \$800 per school.	June 30, 2014	\$12,000
4. Hennepin County staff assists with curriculum implementation at cost of Hennepin County.	June 30, 2014	- \$0 -
5. YEAR 2: Cost of 30 teachers trained in DNR and UM SEE curriculum (15 with DNR at a cost of \$218.00 per = \$3270. 15 with UM at a cost of \$557 per = \$8361); These 30 teachers will directly impact an estimated 600 students in classrooms each year. This cost includes all materials for each teacher and instructor costs. TOTAL: \$23,262	September 1, 2013	\$11,631
6. YEAR 2: Funds to implement DNR curriculum into classroom including monitoring equipment, resource materials (\$250 per teacher) TOTAL: \$7,500	June 30, 2014	\$3750
7. YEAR 2: Funds to implement UM Extension SEE curriculum into classroom; including gardening supplies, plant materials, tools; \$800 per school. TOTAL: \$24,000	June 30, 2014	\$12,000
8. Hennepin County staff assists with Curriculum implementation at cost of Hennepin County	June 30, 2014	-\$0-

RESULT 2: Growing Futures

Description: The *Growing Futures* project will focus resources on students in North Minneapolis by providing opportunities to plan, develop, and implement outdoor activities in their communities. Through *Growing Futures*, students and community residents will experience the concepts of environmental science, community participation, business, math and health in a hands-on environment. Hennepin County will initiate a grant program for organizations in North Minneapolis to apply for resources to support and implement environmental programs. Hennepin County staff has developed a Request For Proposals (see Attachment) to be distributed to schools, community organizations, nonprofits and church groups throughout North Minneapolis. Hennepin staff will assist all eligible groups in applying for these funds. We will be asking for awards up to \$25,000 per organization but expect a mixture of applications from \$1,000 to \$25,000 per organization. It is expected that up to 50 organizations will apply and between 6 and 20 grants will be made. All grants will be on a reimbursement basis. Hennepin County staff from Environmental Services, Human Services and Public Health as well as staff from UM Extension and a private citizen will serve on the award committee to determine grant disbursement. Hennepin County will work with all applicants who chose to apply for this funding. All proposals submitted will be public information and the award committee will be cleared of any conflict of interest.

Summary Budget Information for Activity 1:

ENRTF Budget: \$145,238
Amount Spent: \$ 0
Balance: \$145,238

Activity Completion Date: March 2013

Outcome	Completion Date	Budget
1. Distribute RFP, review applications, awards announced	January 2012	-\$0-
2. Contracts established, work plans reviewed and approved	March 2012	-\$0-
3. Between 6 and 20 grants will be awarded through an RFP; work begins on all grant projects; technical assistance available.	March 2014	\$145,238
4. Final reports and products completed	June 2014	-\$0-

Activity Status as of January 2012.

Activity Status as of June 2012:

Activity Status as of January 2013:

Activity Status as of June 2013:

Activity Status as of January 2014:

Final Report Summary: June 2014

V. DISSEMINATION: All means of communication will be employed including press releases, electronic newsletters, direct email, timely website updates, announcements in local news papers and letters.

Description: www.hennepin.us will be the main format for dissemination of news, updates, opportunities and project statuses. We will also provide printed pieces as appropriate. Social media will also be utilized to disseminate information.

Status as of January 2012:

Status as of June 2012:

Status as of January 2013:

Status as of June 2013:

Status as of January 2013:

Final Report Summary June 2014:

VI. PROJECT BUDGET SUMMARY:

A. ENRTF Budget:

Budget Category	\$ Amount	Explanation
Total grant amount(\$145,238)		Grants will be awarded up to \$25,000 per organization.
Grants - Personnel: to organizations that obtain funding	\$ 44,238	Approximate of 30% of grantee budget
Grants - Equipment/ Tools/ Supplies:	\$ 94,000	Estimate of 65% of grantee budget
Grants - Printing:	\$ 7,000	5% allowable expenditure for printing brochures, fliers, reports.
Teacher Academy workshops	\$23,262	Costs include all materials and instructors for <u>Year 1 and 2</u> ; \$14,040 to DNR for training and \$40,722 to UM Extension for training.
Teacher implementation funds (per teacher and per school: total of \$31,500)	\$7,500	DNR: Funds in <u>Year 1 and 2</u> to assist with implementation of DNR curriculum into schools and classrooms; includes equipment, supplies such as, monitoring equipment,
	\$24,000	UM EXTENSION: Funds in <u>Year 1 and 2</u> to implement UM Extension, SEE curriculum at schools; \$800 per school includes all materials necessary for a garden at each school
TOTAL ENRTF BUDGET:	\$200,000	

Number of Full-time Equivalent (FTE) funded with this ENRTF appropriation:

Grant funds will be used for new staff (1.5) to fulfill obligations for ENRTF projects. Approximately \$45,000 for staffing is estimated with the remainder (\$94,000) for equipment and supplies.

Number of Full-time Equivalent (FTE) estimated to be funded through contracts with this ENRTF appropriation: Put in staff time as in kind here: All County (HCES) staff involvement will be at the cost of Hennepin County. All UM Extension staff will be at the cost of UM Extension (Betsy Wieland 5%).

B. Other Funds:

Source of Funds	\$ Amount Proposed	\$ Amount Spent	Use of Other Funds
IN-KIND: Staff from HCES and UM Extension	\$38,400	\$	
TOTAL OTHER FUNDS:	\$38,400	\$	

VII. PROJECT STRATEGY:

A. Project Partners:

We are actively networking with existing programs in North Minneapolis including Minneapolis Public Schools, EJAM, Project Sweetie Pie, NorthPoint Health and Wellness, Minneapolis Public Schools, University of Minnesota Extension, Minnesota Department of Natural Resources, and the Hennepin County Human Services and Public Health Department. Our community representative is Mr. Bill English. The list of partners will continue to grow as we work with community members throughout this project. All grant awardees will become project partners and will have hands-on assistance as needed.

B. Project Impact and Long-term Strategy: This project is unique in Hennepin County as the focus for all projects is urban youth. In many instances this part of the population is lacking for experiences and resources related to environmental education. The intention is to provide the necessary opportunity and tools for urban youth to expand their experience and exposure to environmental resources. 30 teachers will be trained in proven curriculum and will be given funds to assist with successful implementation into the classroom. These 30 teachers will directly impact an estimated 600 students in classrooms each year. Growing Futures will also provide a means to increase exposure to outside experiences in the natural resource realm. This particular project is only a piece of a larger concept that we hope to implement in future years. Additional funding will be sought from various resources.

C. Spending History:

All staff time that has been invested into this project since 2010 has been an in-kind contribution from Hennepin County.

Funding Source	M.L. 2005 or FY 2006-07	M.L. 2007 or FY 2008	M.L. 2008 or FY 2009	M.L. 2009 or FY 2010	M.L. 2010 or FY 2011

XI. REPORTING REQUIREMENTS: Periodic work plan status update reports will be submitted not later than January 2012, June 2012, January 2013, June 2013 and January 2013. June 2014. A final report and associated products will be submitted between June 30 and August 1, 2014 as requested by the LCCMR.

Attachment A: Budget Detail for M.L. 2011 Projects -Environment and Natural Resources Trust Fund Projects.								
Project Title: <i>Urban Watch:Experiential Environmental Education for Urban Youth</i>								
Legal Citation: M.L. 2011, Chp. , Article 3, Sec 2 Subd. 8(c)								
Project Manager Name: <i>Mary Karius</i>								
M.L. 2011 ENRTF Appropriation: \$200,00								
Project Length and Completion Date: 3 years: June 30, 2014								
Date of Status Update:								
2011 Trust Fund Budget	Activity 1 Budget:	Amount Spent (date)	Balance (date)	Activity 2 Budget:	Amount Spent (date)	Balance (date)	TOTAL BUDGET	TOTAL BALANCE
	<i>Teacher Academy</i>			<i>Growing Futures</i>				
BUDGET ITEM								
Professional/Technical Contracts								
Minnesota Department of Natural Resources: Training - YEAR 1 and 2 workshops with 15 teachers each	\$4,740	\$0	\$4,740				\$4,740	\$4,740
University of Minnesota Extension: Training - Year 1 and 2 workshops for 30 total teachers	\$12,222	\$0	\$12,222				\$12,222	\$12,222
Equipment /Tools/Supplies (Teacher academy, youth implementation)								
Workshop materials including reference books (for 30 teachers total)	\$6,300	\$0	\$6,300				\$6,300	\$6,300
Implementation funds per teacher (DNR: \$250) and per school (UM Extension \$800)	\$31,500	\$0	\$31,500				\$31,500	\$31,500
Grants								
Grants - staffing needs for grantees (estimated at 30%)				\$44,238	\$0	\$44,238	\$44,238	\$44,238
Grants - Equipment / Tools/Supplies: funds estimated for grantees, to be used for equipment and supplies to implement outdoor environmental projects. (estimated at 65%)				\$94,000	\$0	\$94,000	\$94,000	\$94,000
Grants - funds estimated for grantees, Other: printing for brochures, fliers, reports. (estimated at 5%)				\$7,000	\$0	\$7,000	\$7,000	\$7,000
COLUMN TOTAL	\$54,762	\$0	\$54,762	\$145,238	\$0	\$145,238	\$200,000	\$200,000