

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: GLRI_00E00440-0

Name: Great Lakes Earth Partnership

Type: Great Lakes Restoration Initiative

Subtype: Accountability, Monitoring, Collaboration, Education, Partnership

Status: ACTIVE

Start Date: 10/1/2010

End Date: 12/31/2099

Purpose: In the Lake Superior, Green Bay and Milwaukee River basins, teams of teachers, students, resource personnel and citizens will engage in research, restoration and outreach, and adapt Earth Partnership curricula to extend the schoolyard to the shores of the Great Lakes and their watersheds. This pilot will combine with other Great Lakes education programs to create a comprehensive, inquiry and restoration-based approach, integrated with sustainability, biodiversity, pollution prevention, environmental literacy and service learning. The Second Phase will include basins in IL, IN, MI, OH and NY.

Objective: Great Lakes Earth Partnership will employ ecological restoration of native plant communities on schoolyards, in rain gardens and nearby shoreline, wetland, riparian and estuarine habitats as a basis for a) interdisciplinary K-16 curriculum activities, b) professional development of teachers and c) citizen science resulting in greater applied environmental literacy, outreach and action in Great Lakes schools and communities.

Comments: \$686,889

Outcome: The Great Lakes Earth Partnership will:

1. Provide professional development for teams of teachers, community educators, natural resource professionals and citizens that, in turn, provide training for school teams to establish Great lakes Restoration-based curricula in at least 72 school districts by 2013.
2. Adapt EPS activities to riparian and shoreline habitats to extend the schoolyard to the shores of the Great Lakes; align EPS with existing curricula from other programs to create a more comprehensive, restoration-based approach, integrated with state standards across subject areas. Consult with other Great Lakes education providers to coordinate efforts.
3. Develop new models and tools for students to collect and organize data about rain garden effectiveness in capturing and infiltrating water in demonstration gardens and on a landscape scale, and use data in models to predict and track change over time.
4. Develop community outreach and Service Learning projects using existing EPS Stormwater and Rain Garden Curricula, in which students take action to restore native habitat. These projects will relate behaviors to lake water quality impacts and promote understanding of the risks to Great Lakes ecosystem health -- one schoolyard, neighborhood or watershed at a time.

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Bauer-Armstrong, Cheryl	COORDINATOR	ACTIVE	10/12/2010		UW Board of Regents/ UW Arboretum	

Project Statuses

Date	Reported By	Status	Comments
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Project Status Detail

Answer Set: DEFAULT

Question	Answer
1. Reporting Timeframe (Q1) (Q2) (Q3) (Q4):	
2. Amount expended this reporting period:	
3. Subcontracts or subgrants awarded this reporting period:	
4. QAPP (Project Plan) status:	
5. Local services and/or products purchased this reporting period:	
6. Number of jobs created this reporting period:	
7. Work accomplished this reporting period:	
8. Work goals for coming reporting period:	
1. Reporting Timeframe (Q1) (Q2) (Q3) (Q4):	
1. Reporting Timeframe (Q1) (Q2) (Q3) (Q4):	

Actions

Action	Detailed Description	Start Date	End Date	Status
Information and Education	In the Lake Superior, Green Bay and Milwaukee River basins, teams of teachers, students, resource personnel and citizens will engage in research, restoration and outreach, and adapt Earth Partnership curricula to extend the schoolyard to the shores of the Great Lakes and their watersheds. This pilot will combine with other Great Lakes education programs to create a comprehensive, inquiry and restoration-based approach, integrated with sustainability, biodiversity, pollution prevention, environmental literacy and service learning. The Second Phase will include basins in IL, IN, MI, OH and NY.	10/1/2010	12/31/2099	PROPOSED

Monitoring Stations

Station ID	Name	Comments

Assessment Units

WBIC	Segment	Local Name	Official Name
20	12	Lake Michigan	Lake Michigan

Lab Account Codes

Account Code	Description	Start Date	End Date

Forms

Form Code	Form Name

Methods

Method Code	Method Description

Fieldwork Events

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Start Date	Status	Field ID	Station ID	Station Name
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Documents

Title	Description	Author	Published	Comments
Great Lakes Earth Partnership GLRI proposal, Bauer-Armstrong		Bauer-Armstrong, Cheryl	2/2/2011	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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