

V(A). Planned Program (Summary)

Program # 7

1. Name of the Planned Program

Urban Non Point Source Pollution

- Reporting on this Program

Reason for not reporting

Efforts addressing water are captured in other planned programs especially Global Food. Sea Grant is not supported by any Smith Lever dollars so should not be captured in this reporting system.

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
112	Watershed Protection and Management	0%		100%	
	Total	0%		100%	

V(C). Planned Program (Inputs)

1. Actual amount of FTE/SYs expended this Program

Year: 2014	Extension		Research	
	1862	1890	1862	1890
Plan	2.8	0.0	0.6	0.0
Actual Paid	{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}
Actual Volunteer	{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}

2. Actual dollars expended in this Program (includes Carryover Funds from previous years)

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}
1862 Matching	1890 Matching	1862 Matching	1890 Matching
{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}
1862 All Other	1890 All Other	1862 All Other	1890 All Other
{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}

V(D). Planned Program (Activity)

1. Brief description of the Activity

This planned program is not supported by any Smith Lever dollars, therefore not appropriate for Extension's reporting in this system.

Design, testing and implementation of materials and technologies for the removal of phosphorus from agricultural run-off and suburban wastewater non-point sources

2. Brief description of the target audience

3. How was eXtension used?

eXtension was not used in this program

V(E). Planned Program (Outputs)

1. Standard output measures

2014	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Actual	0	0	0	0

2. Number of Patent Applications Submitted (Standard Research Output)

Patent Applications Submitted

Year: 2014

Actual: {No Data Entered}

Patents listed

{No Data Entered}

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2014	Extension	Research	Total
Actual	2	4	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Consultation

Year	Actual
2014	0

Output #2

Output Measure

- Demonstration

Year	Actual
2014	0

Output #3

Output Measure

- Field day/Fair

Year	Actual
2014	0

Output #4

Output Measure

- Presentation

Year	Actual
2014	0

Output #5

Output Measure

- Fact Sheet

Year	Actual
2014	0

Output #6

Output Measure

- Tour

Year	Actual
2014	0

Output #7

Output Measure

- Train the Trainer

Year	Actual
2014	0

Output #8

Output Measure

- Web page updating

Year	Actual
2014	0

Output #9

Output Measure

- Workshop series

Year	Actual
2014	0

Output #10

Output Measure

- Workshop - single session

Year	Actual
2014	0

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Number participants annually in student-led program to educate and assist lakeside property owners to implement pollution prevention and watershed/lake restoration activities for Lakes St Catherine's, Carmi, Hortonia
2	Number members of sports fishing angler organization annually participate actively in annual sports fisheries protection, enhancement and habitat conservation efforts
3	Number feet of shoreline/bank vegetation replanted or native vegetation maintained annually
4	Number volunteer days annually committed by local organizations to watershed/lake restoration and monitoring activities
5	Number LEAP youth watershed teams annually assist 10 lakeshore property owners annually to implement NPS pollution prevention projects
6	no new AIS species recorded from Lake Champlain basin
7	Number basin stakeholders and managers use invasive smelt and other AIS research results to manage sports fisheries.
8	Lake Champlain bass tournament organizers adopt aquatic invasive species (AIS) spread prevention BMP/HACCP tournament protocols
9	Number marinas become part of Clean Marinas and/or Clean Boating programs each year.
10	Number marina users join their marina's Clean Boating program each year
11	Black bass conservation plan developed for City/Town of Plattsburgh, NY
12	Number of town plans annually include ordinances, policies, or other support for sustainable coastal development
13	Number municipalities annually implement green infrastructure and Low Impact Development (LID) strategies
14	Number commercial properties in targeted impaired watersheds use low input grounds care each year
15	Number gallons of storm water prevented from reaching local water bodies each year
16	Number local officials/leaders annually request input and information on flood resiliency planning
17	Number municipalities annually with new or updated shoreline/riparian vegetation protection or restoration ordinances

18	Number basin municipalities annually apply BMP for climate change related shoreline erosion and bank stabilization
19	Number bioengineering plan adopted for planned Burlington bike path restoration
20	Number fish culture facilities annually in NY and VT adopt NRAC recommended biosecurity BMP practices
21	Number households annually reduce consumption of fish or fish products with high mercury content

Outcome #1

1. Outcome Measures

Number participants annually in student-led program to educate and assist lakeside property owners to implement pollution prevention and watershed/lake restoration activities for Lakes St Catherine's, Carmi, Hortonia

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

{No Data Entered}

What has been done

{No Data Entered}

Results

{No Data Entered}

4. Associated Knowledge Areas

KA Code **Knowledge Area**
112 Watershed Protection and Management

Outcome #2

1. Outcome Measures

Number members of sports fishing angler organization annually participate actively in annual sports fisheries protection, enhancement and habitat conservation efforts

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)
{No Data Entered}

What has been done
{No Data Entered}

Results
{No Data Entered}

4. Associated Knowledge Areas

KA Code **Knowledge Area**
112 Watershed Protection and Management

Outcome #3

1. Outcome Measures

Number feet of shoreline/bank vegetation replanted or native vegetation maintained annually

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)
{No Data Entered}

What has been done
{No Data Entered}

Results
{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #4

1. Outcome Measures

Number volunteer days annually committed by local organizations to watershed/lake restoration and monitoring activities

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)
{No Data Entered}

What has been done
{No Data Entered}

Results
{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #5

1. Outcome Measures

Number LEAP youth watershed teams annually assist 10 lakeshore property owners annually to implement NPS pollution prevention projects

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

{No Data Entered}

What has been done

{No Data Entered}

Results

{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #6

1. Outcome Measures

no new AIS species recorded from Lake Champlain basin

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

{No Data Entered}

What has been done

{No Data Entered}

Results

{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #7

1. Outcome Measures

Number basin stakeholders and managers use invasive smelt and other AIS research results to manage sports fisheries.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

{No Data Entered}

What has been done

{No Data Entered}

Results

{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #8

1. Outcome Measures

Lake Champlain bass tournament organizers adopt aquatic invasive species (AIS) spread prevention BMP/HACCP tournament protocols

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)
{No Data Entered}

What has been done
{No Data Entered}

Results
{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #9

1. Outcome Measures

Number marinas become part of Clean Marinas and/or Clean Boating programs each year.

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

{No Data Entered}

What has been done

{No Data Entered}

Results

{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #10

1. Outcome Measures

Number marina users join their marina's Clean Boating program each year

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)
{No Data Entered}

What has been done
{No Data Entered}

Results
{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #11

1. Outcome Measures

Black bass conservation plan developed for City/Town of Plattsburgh, NY

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

{No Data Entered}

What has been done

{No Data Entered}

Results

{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #12

1. Outcome Measures

Number of town plans annually include ordinances, polices, or other support for sustainable coastal development

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

{No Data Entered}

What has been done

{No Data Entered}

Results

{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #13

1. Outcome Measures

Number municipalities annually implement green infrastructure and Low Impact Development (LID) strategies

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

{No Data Entered}

What has been done

{No Data Entered}

Results

{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #14

1. Outcome Measures

Number commercial properties in targeted impaired watersheds use low input grounds care each year

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

{No Data Entered}

What has been done

{No Data Entered}

Results

{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #15

1. Outcome Measures

Number gallons of storm water prevented from reaching local water bodies each year

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	5000

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #16

1. Outcome Measures

Number local officials/leaders annually request input and information on flood resiliency planning

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	2

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #17

1. Outcome Measures

Number municipalities annually with new or updated shoreline/riparian vegetation protection or restoration ordinances

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

{No Data Entered}

What has been done

{No Data Entered}

Results

{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #18

1. Outcome Measures

Number basin municipalities annually apply BMP for climate change related shoreline erosion and bank stabilization

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

{No Data Entered}

What has been done

{No Data Entered}

Results

{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #19

1. Outcome Measures

Number bioengineering plan adopted for planned Burlington bike path restoration

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

{No Data Entered}

What has been done

{No Data Entered}

Results

{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #20

1. Outcome Measures

Number fish culture facilities annually in NY and VT adopt NRAC recommended biosecurity BMP practices

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

{No Data Entered}

What has been done

{No Data Entered}

Results

{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

Outcome #21

1. Outcome Measures

Number households annually reduce consumption of fish or fish products with high mercury content

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Action Outcome Measure

3b. Quantitative Outcome

Year	Actual
2014	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)
{No Data Entered}

What has been done
{No Data Entered}

Results
{No Data Entered}

4. Associated Knowledge Areas

KA Code	Knowledge Area
112	Watershed Protection and Management

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Appropriations changes
- Public Policy changes
- Government Regulations
- Competing Public priorities
- Competing Programmatic Challenges
- Other (technology limitations in areas)

Brief Explanation

{No Data Entered}

V(I). Planned Program (Evaluation Studies)

Evaluation Results

{No Data Entered}

Key Items of Evaluation

{No Data Entered}