



Storm Water Education and Outreach Program Local Needs/Interest Survey

We hope that after reading the invitation materials sent by RIDEM, you are familiar with what the Storm Water Education and Outreach Program can offer your municipality. This document is both asking for your participation in that Program, as well as a Local Needs/Interest Survey that will guide and tailor the development of that Program to each municipality's needs. For general questions or for more information about this project, please contact Marie Esten (tel. 874-5687, mesten@uri.edu) or Lorraine Joubert (tel. 874-2138, ljoubert@uri.edu).

The survey will take **15-20 minutes** to complete, and it is **REQUIRED** as part of your participation in the Program. To avoid asking you for information already submitted to DEM, we have reviewed available annual Phase II reports and a large sample of Storm Water Management Plans. For the purpose of this survey, we are seeking the most current information based on your progress to date. **Please return this completed form to URI as soon as possible but no later than March 10, 2007.**

SECTION 1. CONTACT AND STATUS INFORMATION

This section is to be completed by the MS4 coordinator or other municipal official responsible for overall coordination of the stormwater management program. Small communities not currently regulated under the Phase II permit program (Foster, Hopkinton, Little Compton, New Shoreham, and Richmond) may not have a designated stormwater program coordinator and will need to select one.

1.1 Agreement to participate in this project – Please check one.

Yes! We would like to participate in the Storm Water Education and Outreach Project and intend to submit (or have submitted) a Commitment Form to DEM allowing URI to share in implementing one or more storm water minimum measures.

No thanks, we will plan to meet education and outreach requirements on our own but have completed the survey anyway.

1.2 Municipal official /MS4 coordinator responsible for overall coordination of the stormwater management program.

Name & Title _____

Address _____

City/Town _____ Zip _____

Tel: _____ Email _____

1.3 Person serving as primary representative on the Storm Water Education and Outreach Program, if different than above.

Name & Title _____

Address _____

City/Town _____ Zip _____

Tel: _____ Email _____

1.4 Is the local stormwater advisory committee that was formed to oversee development and implementation of the Storm Water Management Program Plan still active or available to reconvene to provide input on this project?

If yes, please list committee member name, affiliation, and contact information below.

Name Affiliation Address

Telephone E-mail

Name Affiliation Address

Telephone E-mail

Name Affiliation Address

Telephone E-mail

Name Affiliation Address

Telephone E-mail

Name	Affiliation	Address
Telephone	E-mail	

Name	Affiliation	Address
Telephone	E-mail	

1.5 Identify local groups the municipality / MS4 has joined with or could form partnerships with to carry out watershed stewardship /education activities. Examples: River Councils, schools, youth groups and other nonprofit organizations.

1.6 Identify local professional or civic organization (examples: commercial and industrial business groups, professional organizations, trade associations, economic development commissions and village/downtown improvement groups) who may assist in delivering information to target audiences most likely to be responsible for pollution sources.

1.7 Is there a Municipal /MS4 website with stormwater management information? If so, please provide URL.

1.8 Status of ordinance amendments. Using the table *on the following page*, please identify the status of stormwater ordinance amendments by checking one column (numbered 1 – 6) for each topic in following table, and also checking all ordinance/regulation types that apply.

Stormwater Ordinance / Policy Topic	Status of Ordinance Amendments - Please check one column for each topic						Ordinance type - Check all that apply		
	Not planned	To be completed	Draft / under review	Partially Adopted	Adopted but not fully implemented	Fully implemented with public information to promote compliance	Separate ordinance	Zoning	Subdivision/ Land Dev Regs
	1	2	3	4	5	6	X	X	X
Illicit Discharge Detection and Elimination									
Pet Waste									
Construction Site Erosion and Sediment control									
Post construction stormwater controls for new construction and redevelopment.									
Special stormwater controls for drinking water supplies, other sensitive resources, or problem areas.									
Stormwater system maintenance requirements.									
Stormwater utility districts to maintain / fund stormwater program.									

Please add information as needed to clarify status of stormwater ordinance amendments, such as specific types of post construction stormwater controls planned or adopted.

Storm Water Education and Outreach Program

SECTION 2. LOCAL NEEDS/INTEREST SURVEY

Directions:

The MS4 coordinator or other municipal official responsible for overall coordination of the stormwater management program must complete this section. However, we also would like input from other staff who are responsible for stormwater management. We ask that the MS4 coordinator copy this section of the survey (Section 2) and distribute to any appropriate staff members, so that they can complete it as well. Broader input will help ensure that local interests are addressed.

2.1 Person completing this survey

If different than the MS4 coordinator or other municipal official responsible for stormwater management, please provide the following information:

Name (optional) _____ Title (required) _____

Affiliation (required) _____

Address (optional) _____

City/Town (required) _____ Zip _____

Tel: (optional) _____ Email (optional) _____

2.2a) Has the municipality/ MS4 identified priority water resource areas for stormwater management?

_____ **No**, stormwater management improvements are proposed throughout the municipality/ MS4 .

_____ **Yes**, the following areas are recognized as deserving special attention (please continue with Question 2.2b).

2.2b) The following areas are priorities for our stormwater management efforts:

_____ Groundwater drinking water supply

_____ Surface water supply watersheds

_____ Shellfishing waters

- _____ Salt water swimming beaches
- _____ Fresh water swimming beaches
- _____ Cold water fisheries/ unique aquatic habitat
- _____ Areas subject to drainage / flooding problems
- _____ High water table sites
- _____ Wetland / shoreline buffers
- _____ Impaired waters (if known, please specify) _____

- _____ Special Resource Protection Waters (if known, please specify)

- _____ Other (please specify) _____

2.3 Has your municipality /MS4 identified priority stormwater pollution problems and sources? If so, please list the top 5 priorities.

2.4 Please rank priorities for public education in your municipality / MS4 . For each topic, assign a ranking using the scale from 1 (not important) to 5 (very important).

Importance Scale	Not Important	Somewhat Important	Important	Mostly Important	Very Important
	1	2	3	4	5
RATING	TOPIC				
	Public awareness of impacts of stormwater runoff to local water resources				
	Steps individuals and businesses can take to control stormwater problems and promote voluntary adoption of good management practices				
	Education efforts to support adoption, implementation and compliance with local stormwater management ordinances				
	Education of various audiences to support funding for local stormwater management efforts				
	Illegal dumping to storm drains from residential areas				
	Illegal dumping to storm drains from businesses				
	Spill prevention / good housekeeping practices for businesses				
	Methods to reduce impervious cover				
	Methods to manage stormwater on site and reduce runoff				
	Litter				
	Yard waste disposal (general)				
	Yard waste disposal in wetland/ shoreline areas				
	Pet waste				
	Discouraging waterfowl				
	Household hazardous waste				

	Wetland buffer protection
	Used oil recycling / disposal
	Vehicle washing
	Pavement washing
	Proper use of fertilizers and pesticides
	Outdoor water use and conservation
	Maintenance of Individual Sewage Disposal Systems
	Animal waste management from horse stables and hobby farms
	Construction Site Erosion and Sediment control
	Methods to avoid or reduce runoff through site design / reduced impervious cover
	Methods to control stormwater runoff volume through small scale vegetated practices such as bioretention and swales
	Post construction stormwater controls for redevelopment / infill development
	Stormwater system maintenance for large scale development
	Procedures to ensure maintenance of bioretention areas and swales on individual lots
	Other (please specify)

2.5 Please rate your capacity to accomplish the following tasks. Use the scale from 1– 5 below.

Capacity Scale	Not able to accomplish ←————→ Definitely able to accomplish				
	1	2	3	4	5
RATING	TOPIC				
	Review erosion and sediment control plans for development applications disturbing ≥ 1 acre.				
	Conduct field inspections and enforcement to ensure proper erosion and sediment control.				
	Hire consultants to assist in reviewing erosion and sediment control plans.				
	Hire consultants to assist in field inspections and enforcement of erosion and sediment controls.				
	Design storm water management systems using “low impact development” or “LID” methods.				
	Review development plans and recommend site design changes to reduce or avoid increased runoff volume.				
	Review design of small-scale stormwater controls such as bioretention and vegetated swales.				
	Evaluate water quality impacts of proposed stormwater plans and recommend changes to avoid /minimize impact.				
	Apply TR55 to maintain or restore pre-development hydrology.				
	List DEM-designated “special resource protection waters” in your municipality (or other regulated MS4).				
	Identify location of a proposed development project within the watershed of “special resource protection waters”.				
	List DEM-designated “Impaired waters” in your municipality (or other regulated MS4).				
	Identify location of a proposed development project within the watershed of “impaired waters”.				
	Conduct field inspections and enforcement to ensure proper design and installation of “LID” stormwater controls.				
	Ensure proper maintenance of stormwater systems located on roads and other public properties.				

	Ensure proper maintenance of stormwater treatment systems located on private properties.
	Hire consultants to assist in review of post-construction stormwater control plans.
	Hire consultants to assist with field inspections to ensure proper installation and maintenance of post-construction stormwater treatment systems.
	Other

Please feel free to comment on limitations / resources needed to accomplish above tasks.

2.6 Please rank your municipality /MS4’s need for resources and training on the following topics. Use the scale from 1 (not important) to 5 (very important) below.

Importance Scale	Not Important	Somewhat Important	Important	Mostly Important	Very Important
	1	2	3	4	5
RATING	TOPIC				
	Provide information to applicants for building permits / land development projects about proper erosion and sediment controls				
	Provide information to construction site supervisors about proper erosion and sediment control				
	Provide information to applicants for building permits / land development projects about design, and installation of “low impact development” stormwater controls				
	Provide information to developers/ construction site supervisors to ensure proper design and installation of “LID” stormwater controls				
	Provide guidance to developers /construction site supervisors in maintaining or restoring soil infiltration during /following construction				

	Coordinate local permit review and approval with State standards and permit review
	Provide information to home buyers on care and maintenance of on-lot stormwater controls
	Provide information to home buyers on care and maintenance of wetland /shoreline buffers
	Establish procedures to ensure proper maintenance of on-lot stormwater controls and wetland buffer protection with enforcement provisions
	Provide general information on Phase II requirements for council, board and commission members who make budget / land use decisions
	Provide information on impacts of stormwater on local water resources to council, board and commission members
	Ensure proper care of public properties to minimize runoff and protect groundwater quality
	Retrofit public properties using on-site bioretention and other “Low impact development” methods to reduce runoff volume
	Ensure public works facilities are properly operated and maintained to manage stormwater runoff impacts
	Ensure roadway stormwater drainage systems are properly operated and maintained to minimize runoff impacts
	Apply best management practices for roadway de-icing to protect local groundwater and surface waters
	Manage public grounds using sustainable practices to limit water and fertilizer use
	Manage sand and sediment from roads
	Other

2.7 What information sources do you use to stay current in professional work? Please rank the importance of each AND provide specific examples.

Importance Scale	Not Important	Somewhat Important	Important	Mostly Important	Very Important
	1	2	3	4	5
RATING	TOPIC				
	List serves				
	Memberships in professional organizations and newsletters				
	Professional meetings and conferences				
	Required training to obtain continuing education credits				
	Training offered by RI state agencies, URI, and non-profit organizations				
	Other				

2.8 What methods do you use to provide information to various audiences about pollution prevention methods, town policies, regulations? Please check all that apply.

- | | |
|---|---|
| <input type="checkbox"/> Legal notices | <input type="checkbox"/> Newsletter /factsheet distributed as bill insert |
| <input type="checkbox"/> Newspaper advertisements | <input type="checkbox"/> Newsletter /factsheet distributed as newspaper insert |
| <input type="checkbox"/> Press release and newspaper articles | <input type="checkbox"/> Newsletter /factsheet included with permit application |
| <input type="checkbox"/> Direct mail notice | <input type="checkbox"/> Factsheet display at town hall /other location. |
| <input type="checkbox"/> Newsletter /factsheet distributed by direct mail | <input type="checkbox"/> Public informational workshop |
| <input type="checkbox"/> Other (please specify) | <input type="checkbox"/> Public hearing |
-

2.9 What is the best way for us to communicate with you on this project? Please rank the forms of communication forms below. If you are opting out of the program please skip this section (2.9).

Communications Scale	Worst	Poor	Acceptable	Very Good	Best
	1	2	3	4	5
RATING	TOPIC				
	Email				
	List serve allowing all project participants to share information				
	Direct Mail				
	Statewide meetings with all municipal participants				
	Regional meetings for municipal participants sharing similar issues				
	Website with project information, products and resources				

	Website to highlight municipal accomplishments including, for example: ordinances adopted, creative educational materials developed, and innovative stormwater management practices installed in the community
	Other

2.10 Has your municipality /MS4 adopted any notable, successful, effective or innovative actions as part of your stormwater program? This may include for example: creative outreach methods, partnerships developed, ordinance amendments drafted or finalized, municipal procedures changed, funding mechanisms for local stormwater programs, or examples of new construction /redevelopment projects in your community using “low impact development” controls to reduce runoff volume and maintain infiltration. If so, please list examples below with contact information for us to follow up. For construction projects, please provide the name of the development and the project developer or designer.

Thank you for taking the time to complete this Local Needs/Interest Survey!

Please return to URI Cooperative Extension by **March 10, 2007**. You can mail, FAX or email this form to Marie Esten, URI Cooperative Extension, at the address below. To respond by email, download the file from the project website at <http://www.uri.edu/ce/wq/RESOURCES/STORMWATER/index.htm> and email the completed file.

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