

APPENDIX D

2018 Phase I and Phase II Survey Questions



Stormwater Sector Needs Survey

Introduction

Thank you for taking the time to complete this survey. The results will help the Water Environment Foundation (WEF) understand the type of information and technical resources that will benefit your community or organization's stormwater program.

This survey is also very important because it will support the establishment of stormwater as a sector in the American Society of Civil Engineers Infrastructure Report Card© program.

As you complete the survey, know that you can skip most questions and go back to previous questions, if needed.

Everyone in the WEF and MS4 permittee community appreciates you taking the time to complete the survey. Thank you!



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MS4 Permittee Program Information

1. Your organization:

2. Your city and state:

City:

State:

3. We would like to hear from MS4 permittees. What best describes your role for this survey? (answer is required) *

- Employee of a municipality, agency, or organization with an MS4 permit
- Consultant answering on behalf of MS4 permittee
- Other - Please explain

4. What is your organization's MS4 regulatory status? (answer is required) *

- Phase I community
- Phase 2 community
- Phase 2 non-traditional permittee (e.g., university, prison, special transit district, other non-municipal institution/organization)
- State department of transportation (DOT)

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MS4 Permittee Program Information

Note: To return to a previous page, please click on the "Back" button at the bottom of the page. Do not click on your browser's back button.

5. Year of your community's or organization's first MS4 permit:

6. Is your community or organization covered by a statewide (or regional) general permit?

- Yes
- No, my community or organization is a primary or co-permittee on an individual MS4 permit
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7. Please indicate the extent to which the following factors present a **challenge** to the success of your stormwater program.

	Not a challenge	Minor challenge	Moderate challenge	Fairly significant challenge	Extremely significant challenge
Lack of funding or availability of capital	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of public awareness and support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increasing or expanding regulations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Aging infrastructure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Aging workforce	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of technical expertise	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of political support for program	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of cross-departmental coordination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Federal/state requirements are unclear	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of information/training on best practices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text" value="Other (please specify)"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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8. Please indicate the importance of the following **drivers** for your stormwater planning and investment decisions.

	Not a driver	Slightly important driver	Moderately important driver	Very important driver	Extremely important driver
Inflow and infiltration issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TMDL compliance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Combined sewer overflows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Localized street flooding from municipal stormwater	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Riverine/lake flooding influenced by watershed stormwater management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Water supply requirements	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sanitary sewer overflows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Water quality/habitat restoration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Climate change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community and/or political leadership	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Regional or inter-jurisdictional needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text" value="Other (please specify)"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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9. Please indicate your level of need for additional information and/or technical resources for each of the following **stormwater topic areas**.

Tip: [Hover your mouse over individual topic areas for more information.](#)

	Need for additional information and/or technical resources					
	No need	Low need	Moderate need	High need	Very high need	I don't know
Watershed-based stormwater planning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MS4 program planning, administration, and governance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Asset management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TMDL compliance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Green infrastructure and other innovative BMPs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Funding and financing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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10. Please indicate your level of need for additional information and/or technical resources related to each of **the minimum control measures or other aspects of permit compliance.**

Tip: Hover your mouse over individual topic areas for more information.

	Need for additional information and/or technical resources related to each minimum control measure					
	No need	Low need	Moderate need	High need	Very high need	I don't know
<u>Public education and outreach</u>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>Public involvement and participation</u>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>Illicit discharge detection and elimination</u>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>Construction site stormwater runoff control</u>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>Post-construction stormwater runoff control</u>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>Good housekeeping and pollution prevention</u>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>Industrial and commercial facilities planning</u>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<u>Monitoring and evaluation</u>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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11. Please provide us with a bit more detail on your information needs related to **watershed-based stormwater planning**. For each of the following, indicate your level of need for additional information and/or technical resources.

	Need for additional information and/or technical resources				
	No need	Low need	Moderate need	High need	Very high need
Planning across municipal departments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inter-jurisdictional planning/coordination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Incorporating co-benefits of stormwater controls into decision-making	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Connecting stormwater investments to other community priorities and plans	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conducting watershed scale assessments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Integrated water supply planning that includes stormwater capture	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Addressing stormwater management across different land use types	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design of flood management projects to include water quality considerations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Water quality trading programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text" value="Other (please specify)"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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12. Please provide us with a bit more detail on your information needs related to **stormwater program planning, administration, and governance**. For each of the following, indicate your level of need for additional information and/or technical resources.

	Need for additional information and/or technical resources				
	No need	Low need	Moderate need	High need	Very high need
Long-range adaptive planning to measure progress across permit cycles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MS4 permit design, including innovative permit approaches	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Performance-based permitting and design/maintenance requirements	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Establishing a stormwater utility and fees	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engaging public officials and/or upper management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Standardized testing, evaluation, and verification of stormwater control products and practices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text" value="Other (please specify)"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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13. Please provide us with a bit more detail on your information needs related to **stormwater asset management**. For each of the following, indicate your level of need for additional information and/or technical resources.

	Need for additional information and/or technical resources				
	No need	Low need	Moderate need	High need	Very high need
Mapping your storm sewer system	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mapping private stormwater control structures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Creating an inventory/database of stormwater assets	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Prioritizing stormwater asset maintenance and replacement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Developing a condition assessment of stormwater assets	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Evaluating life-cycle costs of stormwater control measures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using automated information technology to monitor and control operations and maintenance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cost estimating/cash flow analysis for capital expenditure/system improvement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Asset management software and tools	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text" value="Other (please specify)"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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14. Please provide us with a bit more detail on your information needs related to **green infrastructure and other innovative BMPs**. For each of the following, indicate your level of need for additional information and/or technical resources.

	Need for additional information and/or technical resources				
	No need	Low need	Moderate need	High need	Very high need
Quantified data on BMP performance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
BMP maintenance requirements and best practices	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
BMP life-cycle costs analysis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Analyzing and valuing stormwater management on a multi-benefit basis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Monitoring and quantifying BMP effectiveness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Policies and incentives to encourage green infrastructure on private property	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Development standards and incentives that encourage innovative BMPs/green infrastructure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Minimum certification requirements for construction, inspection, and maintenance workers that install green infrastructure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stormwater volume credit trading programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Screening and evaluation of new technologies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Addressing state and federal barriers to innovation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cost-sharing pilot demonstrations for new technologies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text" value="Other (please specify)"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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15. Please provide us with a bit more detail on your information needs related to **TMDL compliance**. For each of the following, indicate your level of need for additional information and/or technical resources.

	Need for additional information and/or technical resources				
	No need	Low need	Moderate need	High need	Very high need
Integrating TMDL requirements into stormwater planning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cost and effectiveness of available BMPs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tracking and accounting for TMDL compliance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Water quality modeling for aligning MS4 implementation with TMDL compliance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text" value="Other (please specify)"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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16. Please provide us with a bit more detail on your information needs related to **stormwater program funding and financing**. For each of the following, indicate your level of need for additional information and/or technical resources.

	Need for additional information and/or technical resources				
	No need	Low need	Moderate need	High need	Very high need
Analysis of stormwater funding needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inventory of available funding sources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Leveraging funding from additional sources based on co-benefits	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Innovative financing approaches, such as environmental impact bonds	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public-private partnerships	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text" value="Other (please specify)"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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17. Please provide us with a bit more detail on your information needs related to **public outreach, education, involvement, and participation**. For each of the following, indicate your level of need for additional information and/or technical resources.

	Need for additional information and/or technical resources				
	No need	Low need	Moderate need	High need	Very high need
Public education/outreach goals and strategy development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Messaging and audience targeting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public participation strategies and activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community-based social marketing to enhance public participation and involvement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outreach and participation effectiveness evaluation methods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Strategies for working with development community	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text" value="Other (please specify)"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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18. Please provide us with a bit more detail on your information needs related to **illicit discharge detection and elimination (IDD&E)**. For each of the following, indicate your level of need for additional information and/or technical resources.

	Need for additional information and/or technical resources				
	No need	Low need	Moderate need	High need	Very high need
Outfall surveys to identify illicit discharges	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quantification of pollutant load reductions resulting from elimination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Education and outreach strategies for target IDD&E audiences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dry weather outfall screening and monitoring to identify non-stormwater discharges	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Best practices for reducing sanitary sewer overflows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text" value="Other (please specify)"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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19. Please provide us with a bit more detail on your information needs related to **construction site and post-construction stormwater runoff control**. For each of the following, indicate your level of need for additional information and/or technical resources.

	Need for additional information and/or technical resources				
	No need	Low need	Moderate need	High need	Very high need
Construction stormwater permitting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Erosion and sediment control enforcement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tracking public comments regarding local construction activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stormwater manuals/design templates for developers, especially for innovative BMPs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ordinance development for volume and quality standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Post-construction inspection and enforcement procedures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text" value="Other (please specify)"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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20. Please provide us with a bit more detail on your information needs related to **good housekeeping and pollution prevention**. For each of the following, indicate your level of need for additional information and/or technical resources.

	Need for additional information and/or technical resources				
	No need	Low need	Moderate need	High need	Very high need
O&M program development for municipal operations and facilities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Standard operating plans for maintenance procedures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Employee training programs reducing pollutant discharges from municipal operations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticide, herbicide, and fertilizer application protocols and training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Catch basin cleaning procedures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public roads maintenance procedures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Deicing agent selection and application procedures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Prioritization inspection of public facilities based on water quality impacts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text" value="Other (please specify)"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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21. Please provide us with a bit more detail on your information needs related to **monitoring and evaluation**. For each of the following, indicate your level of need for additional information and/or technical resources.

	Need for additional information and/or technical resources				
	No need	Low need	Moderate need	High need	Very high need
Dry weather monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wet weather monitoring	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Local stormwater monitoring study design (e.g., targeting sampling locations, frequency of sampling)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Monitoring impaired water bodies or candidates for de-listing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality assurance/control procedures and plans	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use of monitoring data to evaluate program effectiveness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Program audits to identify areas for improvement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Guidance and methods for verifying compliance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text" value="Other (please specify)"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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What is your estimated stormwater program budget for 2018, including approximate expenditures for programmatic, capital, operations, and maintenance activities? (please enter a dollar amount)

Is your estimated 2018 annual stormwater budget adequate to meet all of your current stormwater goals including regulatory compliance?

- Yes
- No

To be fully compliant and to meet all of our current stormwater goals our agency needs approximately \$ _____ MORE this year, in addition to our current 2018 budget (please enter a dollar amount that represents the additional funding needed for the 2018 program year):

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Please indicate which of the following describes your organization:

- | | |
|---|---|
| <input type="radio"/> Flood Control and/or Drainage District | <input type="radio"/> Regional Utility/Authority |
| <input type="radio"/> Stormwater Utility | <input type="radio"/> Environmental Services Department |
| <input type="radio"/> Wastewater Utility | <input type="radio"/> Planning Department or Agency |
| <input type="radio"/> Wastewater and Stormwater Utility | <input type="radio"/> Public Health Department |
| <input type="radio"/> Water, Wastewater, and Stormwater Utility | <input type="radio"/> Other (please describe) |
| <input type="radio"/> Public Works Department | <input type="text"/> |

What is the size of the population that your organization serves?

- | | |
|--|--|
| <input type="radio"/> Less than 10,000 | <input type="radio"/> 500,000 to 999,999 |
| <input type="radio"/> 10,000 to 49,999 | <input type="radio"/> 1 million to 1,999,999 |
| <input type="radio"/> 50,000 to 99,999 | <input type="radio"/> 2 million or greater |
| <input type="radio"/> 100,000 to 499,999 | |

Please indicate the nature of your organization or agency's responsibilities with respect to MS4 permit compliance:

- Responsible for all aspects of MS4 permit compliance within local jurisdiction
- Responsible for coordinating stormwater program implementation across multiple permittees
- Responsible for specific minimum control measures or aspects of permit compliance (please describe)
-
- Other - Please describe

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Final Thoughts

What are the most useful sources of information for you on stormwater management and best practices? (mark all that apply)

- | | |
|--|---|
| <input type="checkbox"/> National professional organizations | <input type="checkbox"/> Webcasts and webinars |
| <input type="checkbox"/> State or regional professional organizations | <input type="checkbox"/> Academic journals |
| <input type="checkbox"/> Local, state or regional conferences | <input type="checkbox"/> Other MS4s |
| <input type="checkbox"/> National or international conferences | <input type="checkbox"/> Peer-to-Peer exchange networks |
| <input type="checkbox"/> State and/or federal agency guidance and websites | <input type="checkbox"/> Other (please describe) |
| <input type="checkbox"/> Training workshops | <input type="text"/> |
-

What printed sources of stormwater information are of most use to you?

- Stormwater Report (WEF SWI)
 - World Water: Stormwater Magazine (WEF)
 - Stormwater (Forester Communication)
 - Water Environment and Technology (WEF)
 - Water and Wastes Digest
 - None of the above
 - Other (please describe)
-

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Final Thoughts

Results of the needs assessment survey will be available by summer of 2018. Please make sure we have your name and email address so that we can share a summary of the findings with you.

Your name (optional):

Your email (optional):

We would love to learn more about your stormwater program. Please fill in the following **optional questions** to tell us about the most innovative and well-developed aspects of your program, or those areas that may need more work.

What is the most innovative part of your stormwater program?

What is the most well-developed and/or least-developed part of your stormwater program? (Please indicate in your response whether you are describing the most well-developed or least-developed part.)

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Submit

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