

## Clean Watersheds Needs Survey Small Community Form Stormwater Infrastructure

EPA is requesting your assistance to accurately account for the state's infrastructure needs by completing this form. This information will help to better represent the capital needs of stormwater facilities in small communities. Only needs as of January 1, 2022 (i.e., projects or portions of projects not funded or started as of January 1, 2022) are eligible and should be listed. Needs can include estimates for new infrastructure, updating or expanding current infrastructure, and/or meeting future growth needs (through December 31, 2041). For any questions, including if you want to report your needs for other facilities, please contact your State Coordinator, \_\_\_\_\_ at \_\_\_\_\_.

If you have planning documents that report your needs, provide the documents to your state coordinator. This form can be used to report undocumented needs. Please provide us with either an estimated cost that is certified by a professional engineer (PE) in Section 3 **or** information about the projects in Section 4 and EPA will estimate the costs for you using their cost estimation tools. **If you do not have access to a PE, the state coordinator can have a state PE review and certify your cost estimates.** Note that the Local Official Certification (Section 5) is required for all situations.

Please answer these questions before filling in the rest of the form:		
Does your facility have water-quality-related capital improvement needs?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If no, thank you for your time and please return the form with the No box checked.
Do you have planning documents that report any of your needs (such as in a capital improvements plan or engineering report)?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, please email those documents to your state coordinator.
If you have any undocumented needs:		
Do you have access to a PE (consulting with or on staff) who will certify the costs of the undocumented needs?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, please work with them to generate costs and have them certify and sign this form before returning to the state coordinator.

### Section 1: Facility Information

Please provide general facility information and contact information.

<b>Facility Name:</b>	
<b>Authority Name:</b>	
<b>Facility Address:</b>	
<b>City:</b>	
<b>State:</b>	
<b>Zip code:</b>	
<b>County:</b>	
<b>Owner Type:</b>	<input type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Federal
<b>Contact Name:</b>	
<b>Role/Title (optional):</b>	
<b>Phone (optional):</b>	
<b>Email (optional):</b>	

## Section 2: Facility Types and Planned Changes

Please indicate which stormwater infrastructure facility type(s) are in your community and the types of planned changes expected to occur within the next 20 years. See Table 1 for appropriate descriptors. Note that you can enter multiple types of planned changes.

Facility Type	Planned Changes
Example: Phase I MS4	Example: New

## Section 3: Needs

Please identify one or more reason(s) for your wastewater capital needs.

- The project(s) is required to maintain compliance with a NPDES permit.
- The project(s) is necessary to obtain compliance with a new permit requirement.
- The project(s) is to increase capacity or improve treatment in advance of anticipated new permit requirements.
- The project(s) is to achieve or maintain compliance with a TMDL.
- The project(s) will prevent unregulated water quality or human health impacts.
- The project(s) improves water efficiency, improves energy efficiency, improves water conservation, addresses climate change, or improves resiliency.

## PE Certified Cost Estimates

Use the table below to report needs that are not documented but where you have an estimate that is certified by a PE. See Table 2 for category numbers, names, and descriptions. Add rows/pages, if necessary.

- Need Category: Identify the category(ies) of needs applicable for the costs (see Table 2).
- Cost Estimate: Provide the cost for each needed project.
- Description: Describe the project(s).

Need Category	Cost Estimate (\$)	Describe the project(s) this cost covers.
Example: Gray Infrastructure (VI-A)	Example: \$350,000	Example: Storm drain design and construction

### PE Official Certification

Provide the information and signature for a local PE who is certifying the cost estimate **or indicate if you request the state PE to certify your estimate.**

The community requests that a state PE review and certify the costs provided above.

As a professional engineer, I certify that costs of the needs described herein are accurate for this community.

<b>Name</b>	
<b>PE Number</b>	
<b>Date</b>	
<b>Signature</b>	

### Section 4: Cost Estimation Tools

If you do not have costs for your capital stormwater needs, please fill in the table so EPA can estimate costs. These projects should not be included in the Cost Estimates Table above in Section 3. See Table 3 for practice types and sizing methods.

#### Stormwater Estimation Tool

I confirm that I do not have a documented cost for this project and want my state coordinator to use EPA's Cost Estimation Tool to generate an estimated cost.

<b>Practice Type</b>	<b>Construction Type</b> <i>Choose one and enter per line in the table below:</i>	<b>Project Description</b> <i>Write a brief description of the required changes or upgrades.</i>	<b>Sizing Method</b> <i>Area, Volume, or Drainage Area (see Table 3).</i>	<b>Size</b> <i>Square Feet (Area), Cubic Feet (Volume), or Acres and Percent Imperviousness (Drainage Area)</i>	<b>Quantity</b>
Example: Bioretention	Example: New • New • Redevelopment	Example: Construct nine new bioretention facilities to collect and disperse stormwater along Main Street	Example: drainage area	0.5-acre, 70% impervious	Example: 9

### Section 5: Local Official Certification

As the local official representing this community, I agree that the facility information described herein is accurate for this community. I do not have cost documentation, but the needs described herein are accurate for this community.

<b>Name</b>	
<b>Title</b>	
<b>Date</b>	

<b>Signature</b>	
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**Table 1: Facility Type and Planned Changes Descriptors**

Facility Type	Planned Changes
<ul style="list-style-type: none"> <li>- Phase I MS4</li> <li>- Phase II MS4</li> <li>- Non-traditional MS4</li> <li>- Unregulated Community Stormwater</li> </ul>	<p>(No Change, New, Abandonment, or Existing) If Existing, please indicate whether it is:</p> <ul style="list-style-type: none"> <li>- Rehabilitation</li> <li>- Replacement</li> <li>- Redevelopment</li> <li>- Increase Capacity</li> <li>- Expansion</li> <li>- Process Improvement</li> <li>- Instrumentation/Electrical/Laboratory</li> <li>- Increase Level Of Treatment</li> <li>- Improve Energy Efficiency</li> <li>- Climate Change Adaptation</li> <li>- Improve Water Efficiency</li> <li>- Renewable Energy</li> </ul>

**Table 2: Need Categories and Descriptions.**

Category Number	Category Name	Description
VI-A	Gray Infrastructure	This category includes needs for stormwater management program activities associated with the planning, design, and construction of conveying stormwater via pipes, inlets, roadside ditches, and other similar mechanisms. This category also includes needs associated with the planning, design, and construction of treating stormwater with wet ponds, dry ponds, manufactured devices, and other similar means.
VI-B	Green Infrastructure	This category includes needs for stormwater management program activities associated with the planning, design, and construction of low impact development and green infrastructure, such as bioretention, constructed wetlands, permeable pavement, rain gardens, green roofs, cisterns, rain barrels, vegetated swales, restoration of riparian buffers and flood plains, etc. Projects in this category can be either publicly or privately owned.
VI-C	General Stormwater Management	This category includes needs for stormwater management program activities associated with implementing a stormwater management program, such as geographic information systems (GIS) and tracking systems, equipment (e.g., street sweepers, vacuum trucks), stormwater education program startup costs (e.g., setting up a stormwater public education center, building a traveling stormwater education display), and stormwater management plan development.

For Reference Only

**Table 3: Cost Estimation Tool Practice Type Sizing Methods**

<b>Practice Type</b>	<b>Sizing Methods</b>
Underground Detention or Retention	Drainage Area (acres) Volume (cubic feet)
Porous Pavement	Area (square feet) Volume (cubic feet)
Green Roof	Area (square feet) Volume (cubic feet)
Constructed Wetland	Area (square feet) Volume (cubic feet) Drainage Area (acres)
Bioretention	Area (square feet) Volume (cubic feet) Drainage Area (acres)
Buffer Strip	Area (square feet) Volume (cubic feet)
Infiltration Trench	Area (square feet) Volume (cubic feet) Drainage Area (acres)
Wet Pond	Area (square feet) Volume (cubic feet) Drainage Area (acres)
Dry Pond	Area (square feet) Volume (cubic feet) Drainage Area (acres)
Vegetated Swale	Area (square feet) Volume (cubic feet) Drainage Area (acres)