



## **INTEGRATED SOLUTIONS CONSTRUCTION (ISC) GRANT SUMMARY**

### **OVERVIEW**

The ISC Grant seeks to incentivize a multi-faceted approach to water quality challenges caused by stormwater. EFC will offer up to \$8 million in grant for projects that incorporate green infrastructure into Clean Water State Revolving Fund (CWSRF) projects. Successful applicants will construct projects that remove stormwater from combined, sanitary or storm sewers. The proposed project should demonstrate the value of integrating green practices into traditional gray infrastructure projects to provide water quality benefits as well as the advantages of natural systems. Priority will be given to projects that maximize the removal of stormwater from sewers through the use of integrated infrastructure.

### **FUNDING PARAMETERS**

- 50% of the cost of construction of the green infrastructure practices will be eligible under this program.
- Grant is available only in conjunction with CWSRF financing. EFC will not fund grant-only projects.
- There is a \$5 million limit on EFC grants (excluding GIGP and EPG) awarded to individual municipalities over a five year period. See EFC's Hardship Financing and Grant Eligibility Policy for additional detail.
- Awarded projects must comply with all CWSRF financing requirements. These include, but are not limited to: MWBE, Smart Growth, American Iron and Steel, Davis-Bacon and environmental review requirements.

### **ELIGIBLE ENTITIES**

Municipalities, as defined by *21 NYCRR 2602.2(a)(49) New York State Clean Water Revolving Fund Regulations*, are eligible for this program. This includes: a county, city, town, village, district corporation, county or town improvement district, Indian nation or tribe recognized by the state or the United States with a reservation wholly or partly within the boundaries of New York State, any public benefit corporation or public authority established pursuant to the laws of New York or any agency of the State that is empowered to construct and operate a project, or any two or more of the foregoing which are acting jointly in connection with a project.



## ELIGIBILITY

To be considered for funding the project must:

- Be listed on the Annual Project Priority List of this IUP and either have no short term financing or a short term financing closed after 10/1/15.
- Comply with EPA's Green Project Reserve (GPR) guidance (*EPA Guidance for FFY 2012 GPR-Section 1.0 Green Infrastructure*).
- Submit an Engineering Report or Amendment consistent with the [2017 EFC Engineering Report Outline](#).
- Include green infrastructure that provides runoff reduction from each practice of at least 25% of the Water Quality Volume, as defined in Chapter 4 of the 2015 NYS DEC Stormwater Management Design Manual.
- Quantify the estimated volume of stormwater removed from the combined, sanitary or storm system

## DESIGN EXAMPLES

Additional information regarding the specific design considerations for individual practices can be found in Chapter 5 as well as the Bioretention Sections of Chapter 6 of the 2015 NYS DEC Stormwater Design Management Manual, and on the [EFC website](#). The following examples are specific design ideas for successful projects but alternate designs are encouraged. Site specific adaptations are expected based on site conditions.

**Example 1:** A combination of permeable pavement, bioretention, stormwater street trees and/or tree trenches integrated with rehabilitation of the sanitary/combined system. Gray infrastructure still serves a vital role as the primary conveyance structure for the sanitary/combined sewer system as well as handling overflow for large storm events. The green components reduce flow to the gray system. Green infrastructure should maximize capture area (accepting flow from the roadway as well as sidewalks) to optimize effectiveness.

**Example 2:** A project to replace an existing storm sewer would implement green practices to reduce the stormwater from entering the storm or sanitary through the use of downspout disconnection, rainwater harvesting and reuse, raingardens and bioretention.



**Example 3:** A project in a sanitary or combined sewer system proposes slip lining an existing sanitary or combined sewer or using an existing sewer for stormwater and installing a new sanitary sewer to reduce infiltration issues. Green practices such as bioretention areas, stormwater street trees and downspout disconnection reduce inflow to the combined/separate gray infrastructure.

## INELIGIBLE ACTIVITIES

Projects costs which are NOT GRANT ELIGIBLE include:

- Equipment for maintenance of green infrastructure, such as vactor trucks, street sweepers, sewer cleaners, etc.
- Land acquisition & landfill projects.
- Wetland construction or restoration required as compensation (mitigation) for adverse impacts to wetlands or other environmental damage caused through construction activities.
- Remediation of hazardous waste

## APPLICATIONS

Applicants may apply through the traditional CWSRF application process, by indicating that they are interested in the grant when they complete the CWSRF finance application. If an application was previously submitted but a financing hasn't closed yet or closed after 10/1/15, municipal officials may write a letter of intent to EFC requesting consideration for the grant. Funding will be awarded after the March 1, 2017 financing application deadline.

Note: The project's engineering report or amendment must be consistent with the [2017 EFC Engineering Report Outline](#). Grant applications submitted without an approvable engineering report or an incomplete CWSRF financing application will not be processed. Eligible candidate projects will be evaluated in accordance with the Project Evaluation criteria below.

## PROJECT EVALUATION CRITERIA

EFC will select projects based on the following criteria:

- Project successfully demonstrates a comprehensive hybrid approach to incorporating green into a sewer project.
- Project addresses issues identified in an enforcement action.
- Project successfully demonstrates a reduced flow to a combined, sanitary or storm system.



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- Project effectively protects, enhances, improves water quality, or addresses a regional water quality issue.
- Project can be replicated to improve water quality in an urban area.
- Applicant has provided for a reasonable plan for the long term operation and maintenance of the project.

## CONTACT US

Please direct all questions about the grant program to Dwight Brown, SRF Program Services Coordinator at 518-402-6924 or [isc@efc.ny.gov](mailto:isc@efc.ny.gov).