

New Jersey Water Bank (State SRF Program)

Green Infrastructure Financing

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**Congress / EPA
(annual Grants)**



NJDEP



State Match



NJ Water Bank
(Jointly administered DEP & I-Bank)



I-Bank



Fund Providers

Below Market
Rate
Financing



Repayments

Program Admins



Projects



Eligible Storm Water / GI Borrowers



Hoboken City Hall Rain Garden



- **Publicly-Owned Treatment Works / Local Gov't Units:**
 - Cities, Towns, Boroughs
 - Municipal Utilities Auth's
 - Counties; Regional Water Authorities
- **Private entities:**
 - Thru public conduit borrowers
- **501(c)(3) (non-Point):**
 - Private Colleges / Universities



Eligible Storm Water / GI Projects

- Pervious paving
- Rain gardens
- Bioretention basins
- Engineered wetlands
- Rainwater harvesting
- Green roofs / cisterns
- Subsurface storage
- Land conservation
- Urban tree canopy
- Vegetated swales



Elizabeth City CSO / GI Storage Project



Approaches to Storm Water / GI Funding



Camden County MUA: GI Phoenix Park



CSO Abatement Projects

CSO Green / Gray projects that reasonably reduce net flow going out of a CSO

- **Project Costs \leq \$4 million**
 - 50% Principal Forgiveness (grant);
 - 25% 0% interest loan,
 - 25% AAA market interest loan
- **Project expenses \$4 - \$10 million**
 - 75% 0% loan, 25% AAA market loan
- **Project expenses $>$ \$10 million**
 - 50% 0% loan, 50% AAA market loan



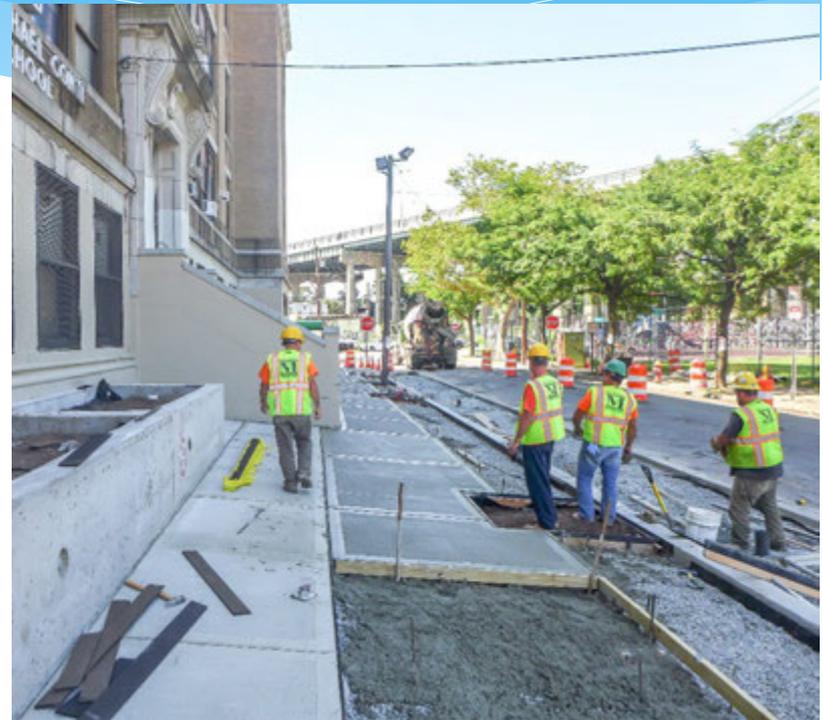
Approaches to Storm Water / GI Funding

EPA's new \$68M OSG Grant Program -> State Grants for subrecipients *

Projects that address CSO and stormwater management needs

- Consider grants in whole or part to communities that fit the 4 CSO/SSO priorities

(* *n.b.* NOT an SRF Grant)



Jersey City MUA CSO GI Permeable Pavement



Approaches to Storm Water / GI Funding

Leverage Private Property Market – (e.g. Linked Deposit Programs: **OH, IA, MN, OR**)



Hoboken GI: Street Bump Outs



- Invest SRF Funds in **CDs** at local banks
- Banks lend SRF funds to small Businesses, Homeowners for Septic replacements, GI, Stormwater “very small” projects
- Borrowers receive “Certification of Qualification” - Allows banks to make an SRF funded loan
- Provides limited relief to certain requirements of SRF Program



Approaches to Storm Water / GI Funding

Fed'I STORM Act –

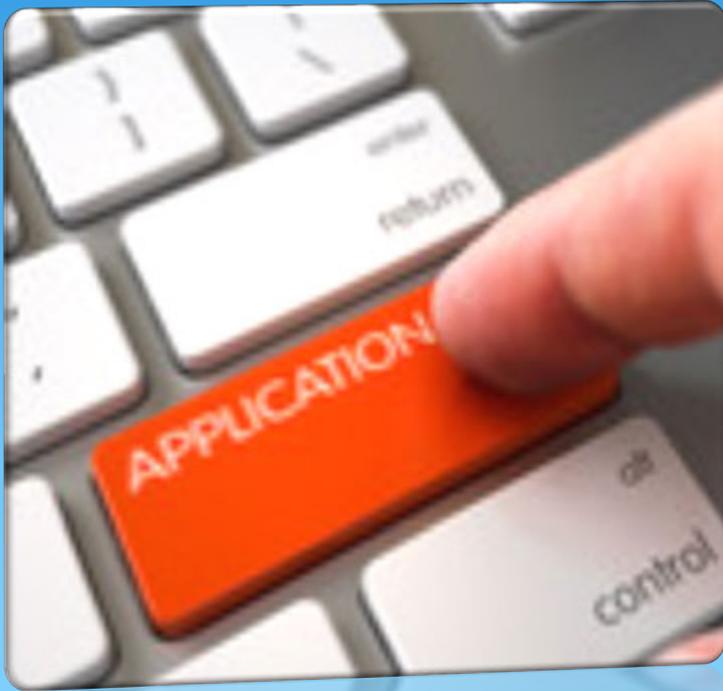
Authorizes FEMA to make grants for States to establish Hazardous Mitigation Revolving Loan Funds (like SRFs)

- Focus on low-lying, flood prone communities
- Consider projects further upstream (often wealthier communities that impact sites downstream)

ARPA Funds – Consider Transportation projects with run-off issues



Water Bank Application Process



Step 1: Set up an H₂LOans account:
Call (609) 219-8601

Step 2: Submit Project info at:
www.h2loans.com
(DEP / I-Bank initiate outreach)

Water Bank Application Process



Green Infrastructure – Rain Garden



Technical Assistance

- Program Staff assist communities unaware or unable to start process – **1st step: Fill out requests for funds**
- Participate in a pre-application meeting (engineers, administrator, bond counsel, etc.) prior to application submission
 - Determine if project meets requirements
 - Explain all loan application documents.



Short-term Construction Loan Application (Pre-Planning and Design)

1. Submit Project Information
2. Bond Counsel prepares / you submit short-term Financial Addendum Form
 - a) Submit Form LP-6A detailing project cost breakdown
 - b) Upload Engineering Contract(s)



Short-term Construction Loan Application (Post-Planning and Design)

1. Submit Project Information
2. Submit a Letter of Intent (Environmental Planning Document)
3. Submit a Project Loan Application (Engineering Design and Specifications).
4. Bond Counsel prepares / you submit short-term Financial Addendum Form
 - a) Submit Form LP-6A detailing project cost breakdown
 - b) Upload Engineering Contract(s)



Additional Information

DEP Website:

- The current year's Intended Use Plan:
<https://www.nj.gov/dep/dwq/cwpl.htm>
- DEP's Stormwater Best Practices Manual (BMP):
https://www.njstormwater.org/bmp_manual2.htm

I-Bank Website:

- Unlocking Green Infrastructure Financing:
<https://applicants-guide.njib.gov/>

