



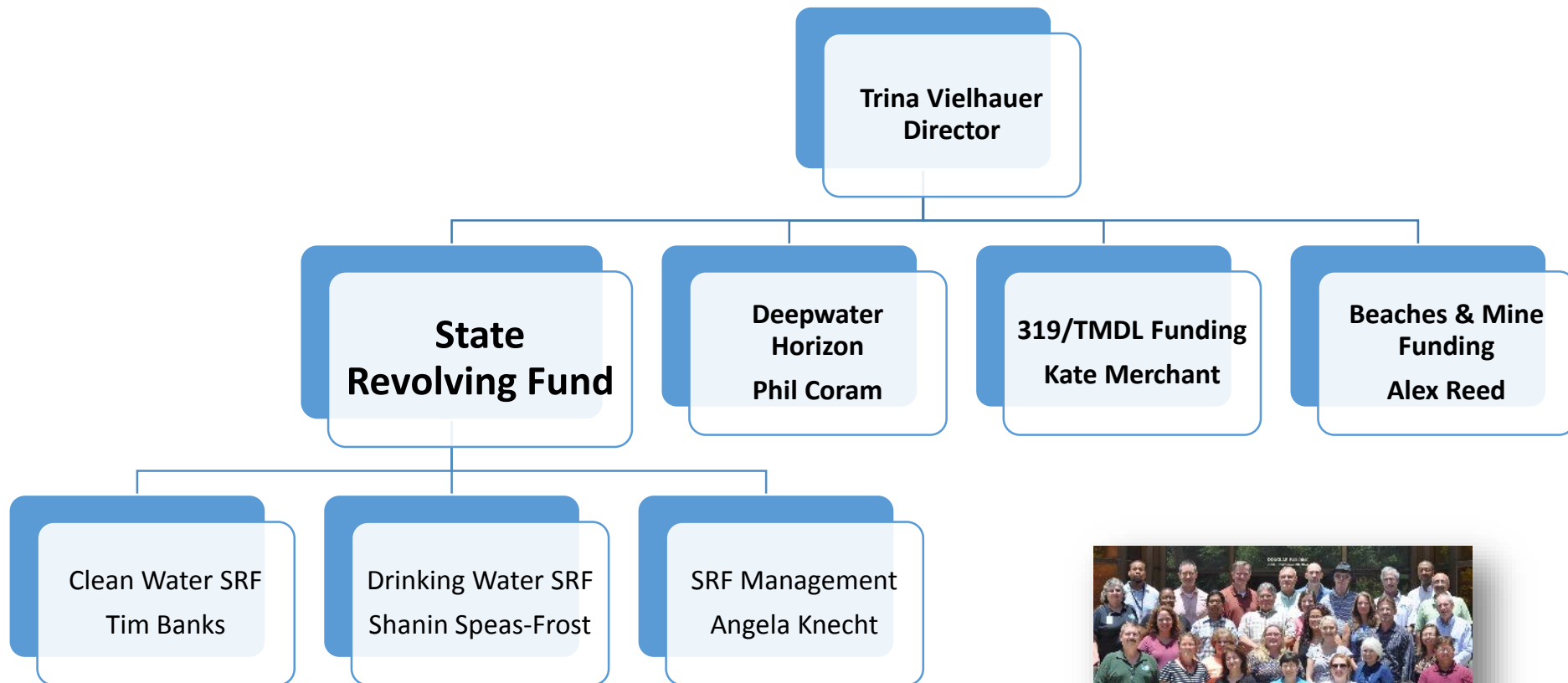
DEP Water Quality Funding

Presented by Shanin Speas-Frost
Division of Water Restoration Assistance
Florida Department of Environmental Protection

November 18, 2015



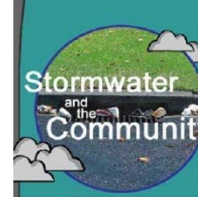
Water Restoration Assistance





319 Grants

NPDES Grants



Clean Water State
Revolving Fund

Drinking Water
State Revolving
Fund



Deepwater Horizon
Funds

Water Legislative
Appropriations





EPA 319(h) Grant

Clean Water Act Federally Funded Grant

- \$160 million total
- \$5-6 million Florida (4%)
- Nonpoint source pollution abatement
- 40% match requirement





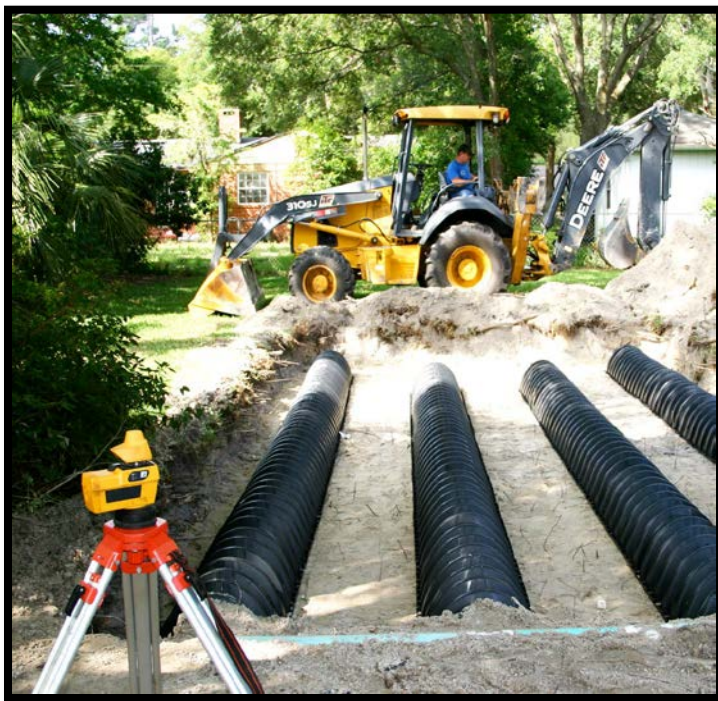
319(h) Cycle



- PLAN AHEAD: Can take up to two years from application to ability to expend funds
- Have land acquisition and liability issues resolved
- When possible, finalize design and permitting prior to receiving 319 grant
- Be prepared to document project construction and results
- Applications due in Spring of each year



319(h) Eligible Projects





319(h) Funding Eligibility

Eligible for funds:

- Construction of Best Management Practices (BMP)
- Monitoring
- Public education

Not eligible for funds:

- Design, engineering
- Land acquisition
- Activity required by a federal permit

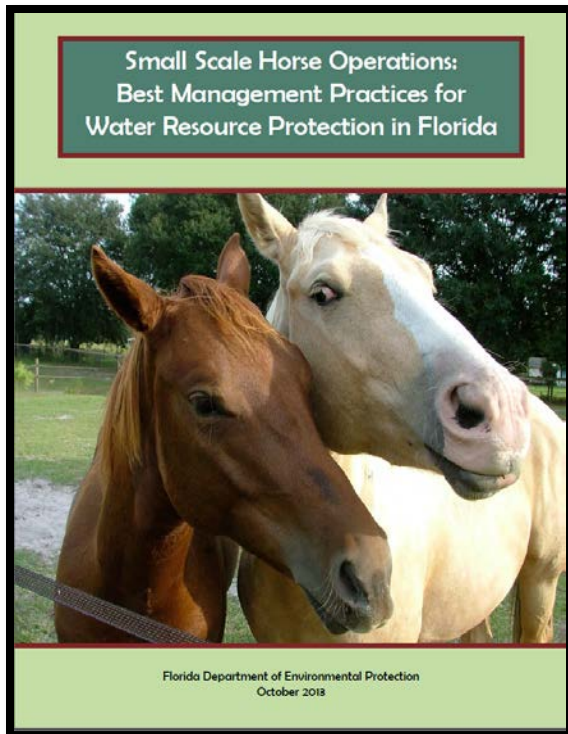




319(h) Evaluation Criteria

Emphasis is placed upon:

- Project effectiveness monitoring
- Implementing watershed plans
- Addressing pollutants in impaired water bodies
- Cost-effectiveness
- Cooperative projects
- Use of innovative BMPs
- Project-related public education





TMDL Water Quality Restoration Grant

State grant for projects that reduce pollutant loadings from urban areas (~\$3 million annually)



- Projects are evaluated three times per year: March, July and November
- Applications accepted continuously
- Can submit applications for more than one project
- Projects not selected well remain in the pool for one year

Eligible Projects:

- Urban stormwater BMPs



TMDL Funding Eligibility



Eligible for funds:

- Construction
- Project-related monitoring
- Project-related public education

Not Eligible for funds:

- Design, engineering
- Land acquisition



TMDL Match Eligibility

Match Expenditure Funds

- Match amount must be equal to or greater than grant amount
- At least 25% of the match must be provided by local government
- Eligible Match Activities
 - BMP construction
 - In-kind services
 - Design
 - Engineering
 - Monitoring
 - Public education
 - Land acquisition





TMDL Grant Evaluation Criteria

Emphasis is placed upon:

- Project effectiveness monitoring
- Watershed plan implementation
- Addressing pollutants in impaired water bodies
- Cost-effectiveness
- Use of innovative BMPs
- Project-related public education





319(h)/NPDES Grant Application Tips



- Complete Application (no blanks)
- Follow Directions
- Don't Modify the Form
- Full Project Description
- Include Maps and Photos
- Shovel Ready – “Short Funds”
- Contact Us



For More Information

FDEP 319 Grant:

www.dep.state.fl.us/water/nonpoint/319h.htm

FDEP TMDL Grant:

www.dep.state.fl.us/water/watersheds/tmdl_grant.htm

Kate Merchant (Brackett): (850) 245-2952

Kathryn.Brackett@dep.state.fl.us

Katie Britt: (850) 245-2938

Katherine.Britt@dep.state.fl.us



State Revolving Fund



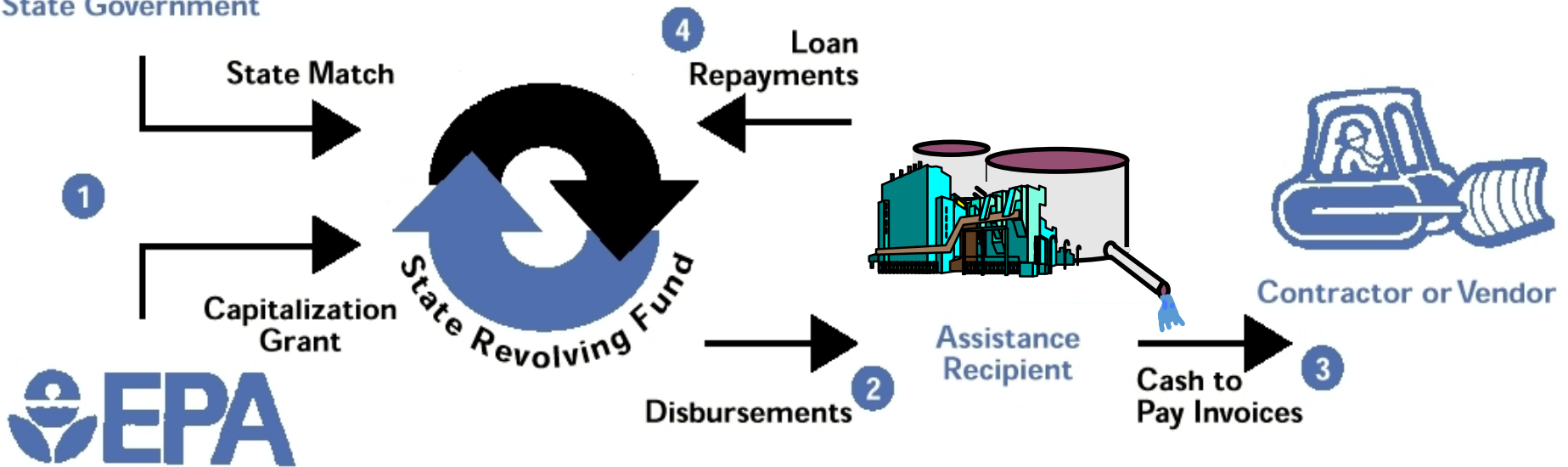
- Provides low interest loans for planning, designing and constructing water facilities
- Is a “revolving” fund because loan repayments are used to make additional loans
- EPA/State Funded



State Revolving Fund Basics



State Government





State Revolving Fund Program Status



- **Demand for new projects is decreasing**
- **Have millions in unallocated funds this fiscal year**



Types of Opportunities



- **Drinking water:**
 - Preconstruction loans
 - Construction loans
 - **Principal forgiveness available (AKA Grant)**



- **Clean water:**
 - Planning loans
 - Design loans
 - Construction loans
 - **Principal forgiveness available (AKA Grant)**



- **Small community grant program:**
 - Grant combined with a loan
 - Rules under revision
 - Will have money again in 2017



Steps to Obtain a State Revolving Fund Loan

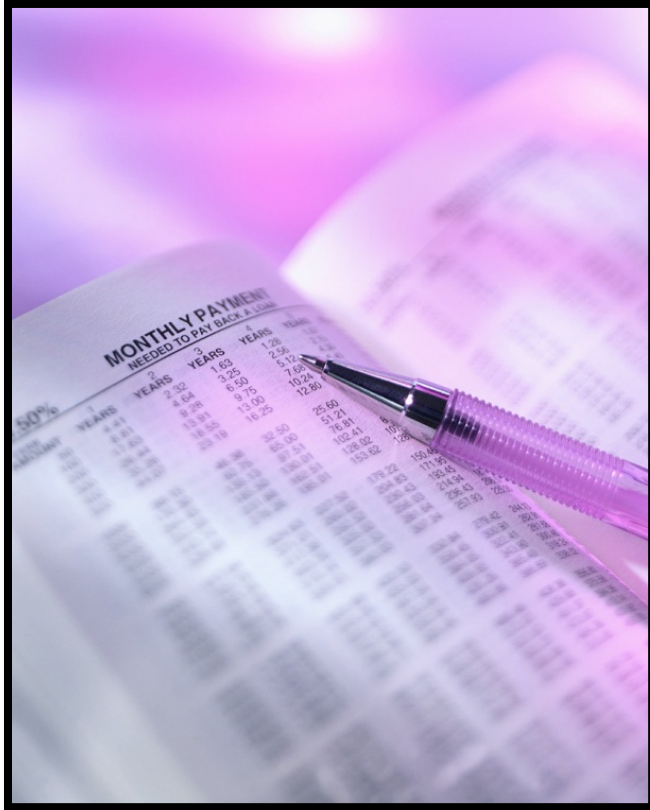


- Complete a Request for Inclusion Form
- Project Placed on Fundable List at Next Hearing
- Submit a Loan Application
- Execute Loan Agreement
- Request Monies as Invoiced

Continuous Process Year Round; 1 – 5 Year Projects; Fund Whole Project!



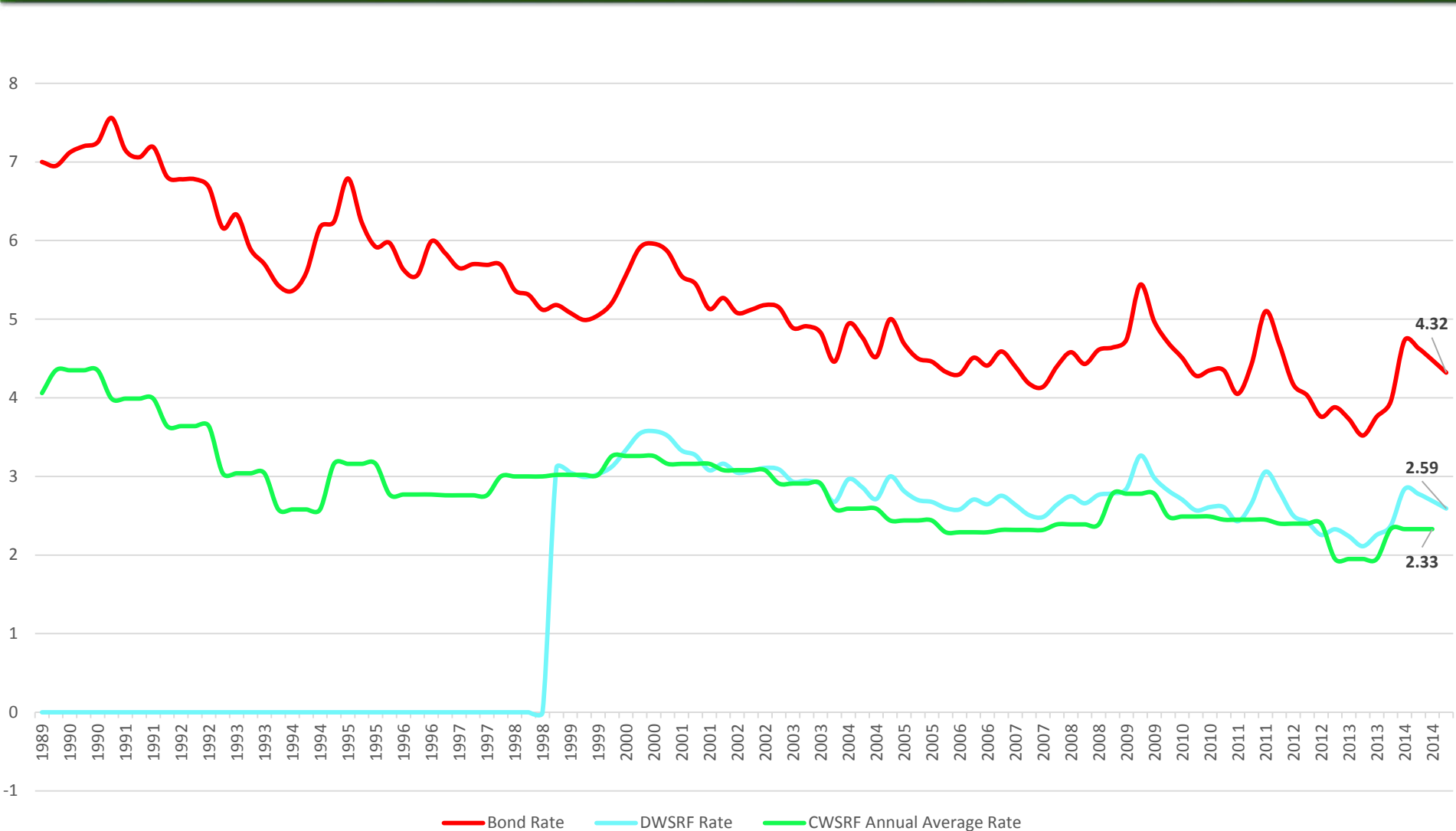
State Revolving Fund Loan Interest Rates



- Loan interest rate is a percentage of the basic financing rate
- DWSRF interest rate is fixed at 60% of the index
- CWSRF interest rate varies between 80% to 0% of the index
- Further Interest Rate Breaks (Davis-Bacon, AIS, Green, Asset Management Plan)

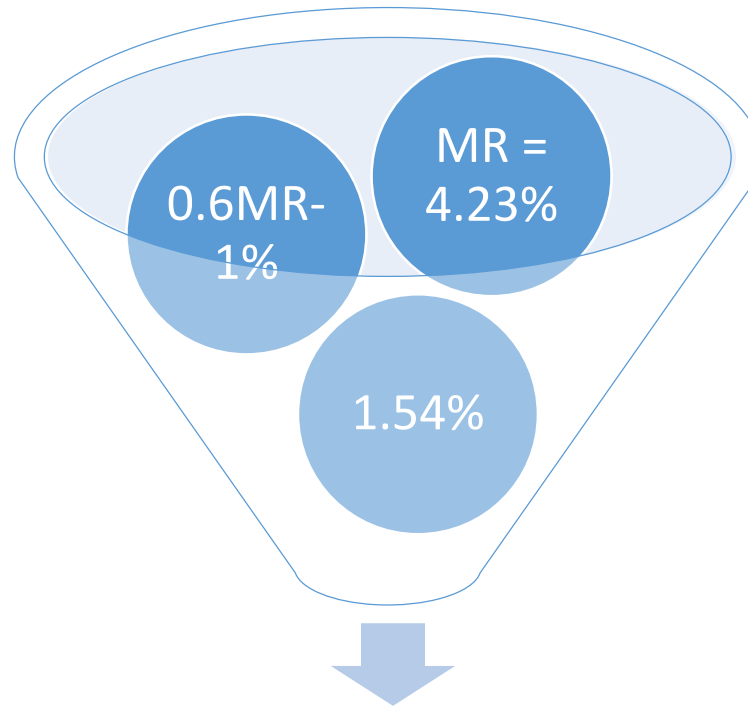


Market vs. State Revolving Fund





DWSRF Interest Rate Savings¹



\$3.26 Million Saved!

¹ \$10 million dollar loan over 20 year term



State Revolving Fund Eligible Projects





Innovative State Revolving Fund Projects



Green Energy
Power Consumption

Green Energy
Power Production





State Revolving Fund Project Examples

Alternate Water Supply Development





Typical State Revolving Fund Projects



Stormwater Management:

- All stormwater projects must have a water quality benefit



Innovative State Revolving Fund Projects



Atmospheric Deposition

Landfills





Innovative State Revolving Fund Projects

Brownfield Remediation

Depot Park, Gainesville





For More Information

www.dep.state.fl.us/water/wff/

Clean Water SRF:

Tim Banks: (850) 245-2998
Timothy.Banks@dep.state.fl.us

Drinking Water SRF:

Shanin Speas-Frost: (850) 245-2991
Shanin.SpeasFrost@dep.state.fl.us



Funding from Deepwater Horizon

- **(NRDA)** Natural Resource Damage Assessment
- **(NFWF)** National Fish and Wildlife Foundation - Gulf Environmental Benefit Fund
- **(RESTORE)** Resources and Ecosystems Sustainability, Tourist Opportunities, and Revived Economies of the Gulf Coast Act of 2012

Projects or activities eligible for Funding

NRDA	NFWF	RESTORE
<i>Provides off-set to injuries from spill</i>	<i>Benefits natural resources of the Gulf Coast that were impacted by the spill.</i>	<i>Overall restoration of Gulf of Mexico – not limited to spill impacts</i>
Species injured include birds, turtles, fishes, mammals	Remedy harm and to eliminate or reduce the risk of future harm to Gulf Coast natural resources	Pot 1 – Ecological and <u>economic</u> restoration
Habitats injured include seagrass, oysters, marsh, dunes	Restore and maintain the ecological functions of landscape-scale coastal habitats	Pot 2 –Science based to restore and protect natural resources
Off-sets can include lost recreational or human use	Replenish and protect living resources	Pot 3 - Ecological and <u>economic</u> restoration
	Can fund WQ projects that have direct link to habitats and species	



Florida's Anticipated Funding

Source	\$\$\$
RESTORE Bucket 1	\$364 M
RESTORE Bucket 2	\$320 M
RESTORE Bucket 3	\$286 M
NFWF	\$356 M
NRDA	\$680 M
Total	\$2 B

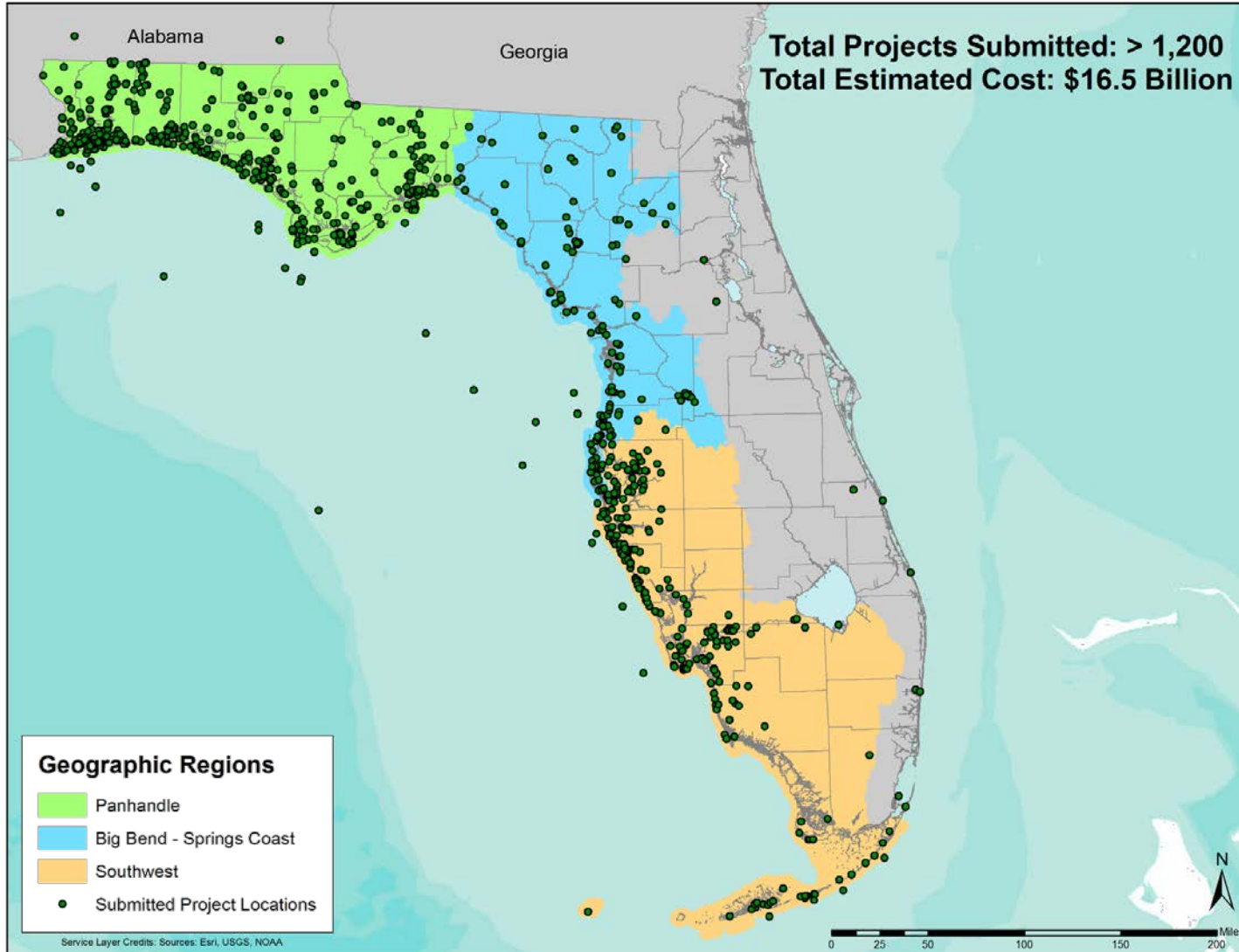


Florida's Restoration Priorities

- Stormwater / Wastewater infrastructure projects
- Community resilience / Living shorelines
- Water quality projects including those which achieve water quality benefits provided by the preservation of buffer lands around military bases
- Implementation of agriculture best management practices (BMPs)
- Fish and wildlife habitat and management



Submitted Projects

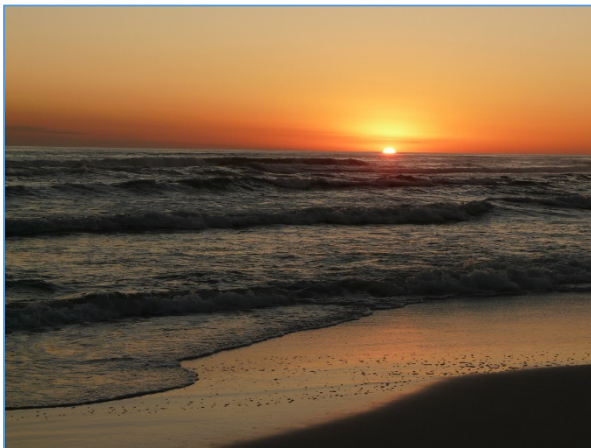


More Info on Deepwater Horizon

For more information or to submit or update a project please visit:

www.deepwaterhorizonflorida.com

Contact: Phil.Coram@dep.state.fl.us





Legislative Appropriations

- Be Specific and Inclusive
- Make Project Scalable
- Well-defined Scope of Work
- Patience

Grants

Water Projects

LPS



Florida Department of Environmental Protection



- » [Water Home](#)
- » [Assessment](#)
- » [Beaches](#)
- » [Drinking Water](#)
- » [Everglades Restoration](#)
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Water Restoration Assistance

Water Project Funding in Florida

FDEP's [Division of Water Restoration Assistance](#) provides funding assistance for many types of water, wastewater, surface water, stormwater, NPDES, non-point source, and beaches projects. For more information on the programs available within the Division please see the following links:

- » [Low interest State Revolving Fund \(SRF\) loans](#) for wastewater, stormwater and drinking water. Loans at significantly discounted interest rates are available to fund both construction and pre-construction (planning, design) activities. The SRF is by far DEP's largest funding program and makes \$200-300 million or more available, primarily to local governments, each year.
- » [Disadvantaged Small Community Wastewater Grants](#) for wastewater management infrastructure for municipalities with fewer than 10,000 people and per capita incomes less than the state average as of the most recent decennial Census. Local matching funds are required. The amount of available funding depends on the repayment stream from SRF loans and additional legislative appropriations, if any.
- » [Federal section 319\(h\) grants](#) for stormwater retrofit projects and stormwater best management practices in priority watersheds. Local matching funds or in-kind contributions are required. Approximately \$7-8 million is available each year depending on federal appropriations.
- » [Total Maximum Daily Load \(TMDL\) funding](#) primarily for stormwater retrofit projects, is targeted to surface waters that have been identified as "impaired" (not meeting water quality standards) through DEP's [TMDL program](#). The amount of financial assistance each year varies depending on legislative appropriations and may not be available every year.
- » [Beach funding](#) to implement beach restoration and nourishment activities, project design and engineering studies, environmental studies and monitoring, inlet management planning, inlet sand transfer, dune restoration and protection activities, and other beach erosion prevention related activities consistent with the adopted Strategic Beach Management Plan. Projects typically are funded by DEP in partnership with local governments and the U.S. Army Corps of Engineers. Annual funding varies from year to year. The legislature may consider additional legislative appropriations in response to hurricanes and other storms that exacerbate coastal erosion.
- » [Deepwater Horizon](#)



» [Contact Information](#)

For a more comprehensive listing of available funding in Florida from FDEP and other agencies/entities, download this handy guide to [Water Resource Funding in Florida](#).

Subscribe
To sign up for future updates from the Division of Water Restoration Assistance on the availability of water project funding and other related news, please enter your email address below.

1. *Email Address



Florida Department of Environmental Protection <FloridaDEP@public.govdelivery.com>

EPA Grant Available -- Urban Waters

SpeasFrost, Shanin

Florida Department of Environmental Protection



Division of Water Restoration Assistance

--FOR YOUR INFORMATION--

EPA seeks to fund projects that address urban runoff pollution through diverse partnerships that produce multiple community benefits, with emphasis on underserved communities.

The U.S. Environmental Protection Agency's Urban Waters Small Grants program is currently requesting proposal!

Under this announcement, the U.S. Environmental Protection Agency (EPA) is soliciting proposals from eligible applicants for projects that will advance EPA's water quality and environmental justice goals. Proposed projects will address urban runoff pollution through diverse partnerships that produce multiple community benefits, with emphasis on underserved communities. Note that proposed project activities must take place entirely within one of the Eligible Geographic Areas, as illustrated on the interactive map provided on the Urban Waters Small Grants mapping website at www2.epa.gov/urbanwaters/urban-waters-small-grants-mapping.

The complexity and widespread impact of urban runoff pollution requires various levels of government and local stakeholders (e.g., community residents, local businesses, etc.) to work together in developing effective and long-term solutions with multiple benefits. EPA supports and empowers communities, especially underserved communities, that are working on solutions to address multiple community needs, and fostering successful collaborative partnerships. Projects should address local water quality issues

Florida Department of Environmental Protection



Division of Water Restoration Assistance

TMDL Water Quality Restoration Grant Opportunity

Application Deadline is **November 2, 2015**, (5:00 pm EST) for electronic or hard copy version to be submitted to the Florida Department of Environmental Protection's Nonpoint Source Management Program for inclusion in the November 2015 review.

Three times a year (March, July, and November) funding is awarded for the implementation of best management practices (BMPs) designed to reduce pollutant loads to impaired waters from urban stormwater discharges. This funding is administered by the Department as the Total Maximum Daily Load (TMDL) Water Quality Restoration Grant, which is set out by rule in [Chapter 62-305, F.A.C.](#), and authorized by [Section 403.890\(2\), F.S.](#)

While one may submit an application(s) at any time to the Department, it will not be reviewed until the next upcoming review date (i.e., July 2015). More than one project application may be submitted at a time. Please note that there is a [TMDL Supplemental Information Page](#) that will also need to be completed and submitted with each project application.

- Applications and their corresponding Supplemental Information Pages can be submitted electronically via e-mail to Katherine.Britt@dep.state.fl.us

To view information on the grant eligibility requirements, criteria, and the overall grant information go to the [TMDL Water Quality Restoration Grant Website](#).

- Download the [Application Documents, Evaluation Form, and Supplemental Form \(ftp\)](#)
- For more information contact [Katie Britt](#) at 850-245-2938

Nonpoint Source Management
Division of Water Restoration Assistance
3900 Commonwealth Blvd., MS 3570 (mailing)
Marjory Stoneman Douglas Building, 4th Floor (physical)
Tallahassee, FL 32399-3000
850-245-2836



Questions

DWRA Website:

www.dep.state.fl.us/water/waterprojectfunding/

Thank you!

Shanin Speas-Frost, P.E., MBA

DWSRF Program Administrator & Outreach Coordinator

(850) 245-2991

shanin.speasfrost@dep.state.fl.us