



# Florida Department of Environmental Protection

## Overview of the Division of Water Restoration Assistance Programs



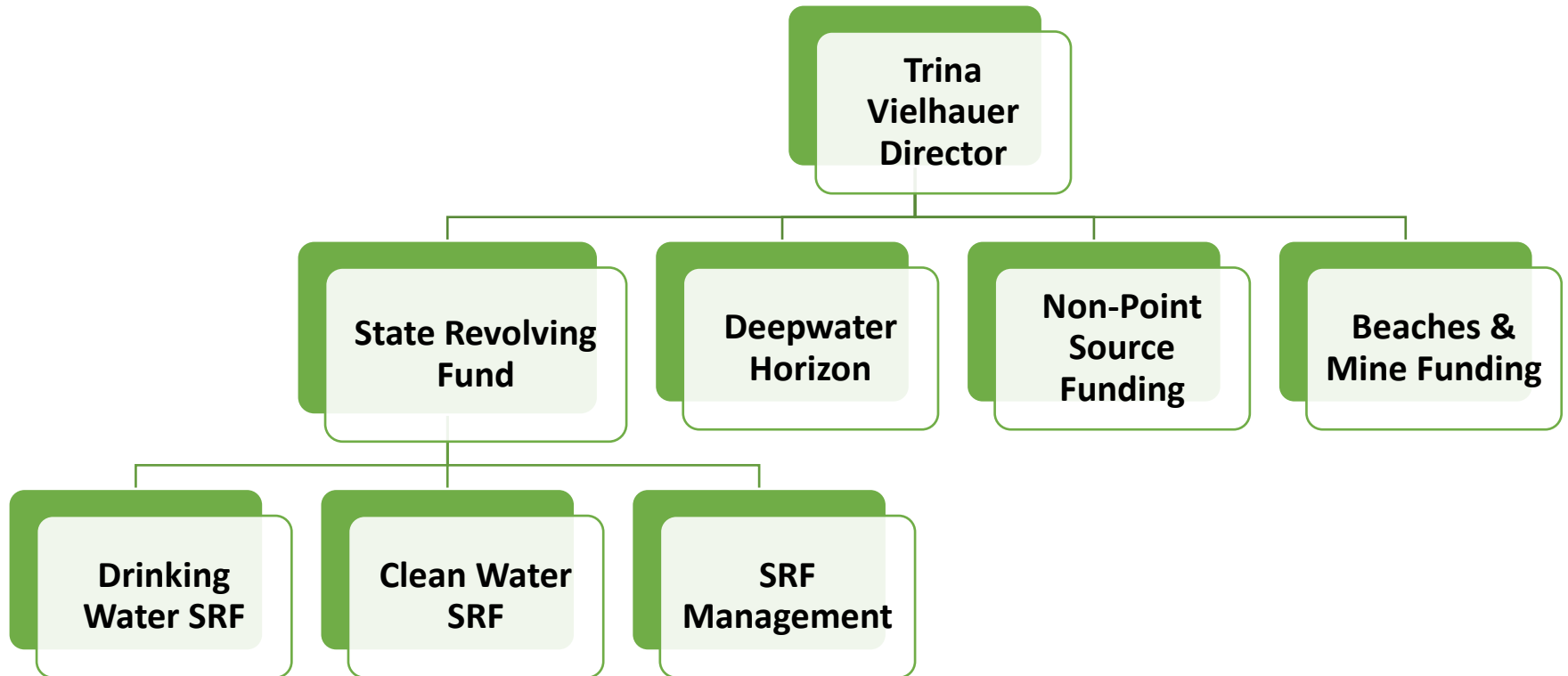


# Division of Water Restoration Assistance

- Grant and loan programs – projects that improve the quality and quantity of water:
  - Reducing pollutants that enter surface water and groundwater
  - Improving stormwater quality
  - Collecting and treating sanitary wastewater
  - Producing and distributing drinking water
  - Beach nourishment and reclaiming mined land
- More effective coordination between programs
  - Nonpoint Source Programs
  - State Revolving Funds
  - Beach Management Funding Assistance
  - Deepwater Horizon programs
- Opportunities to leverage programs to fund innovative projects

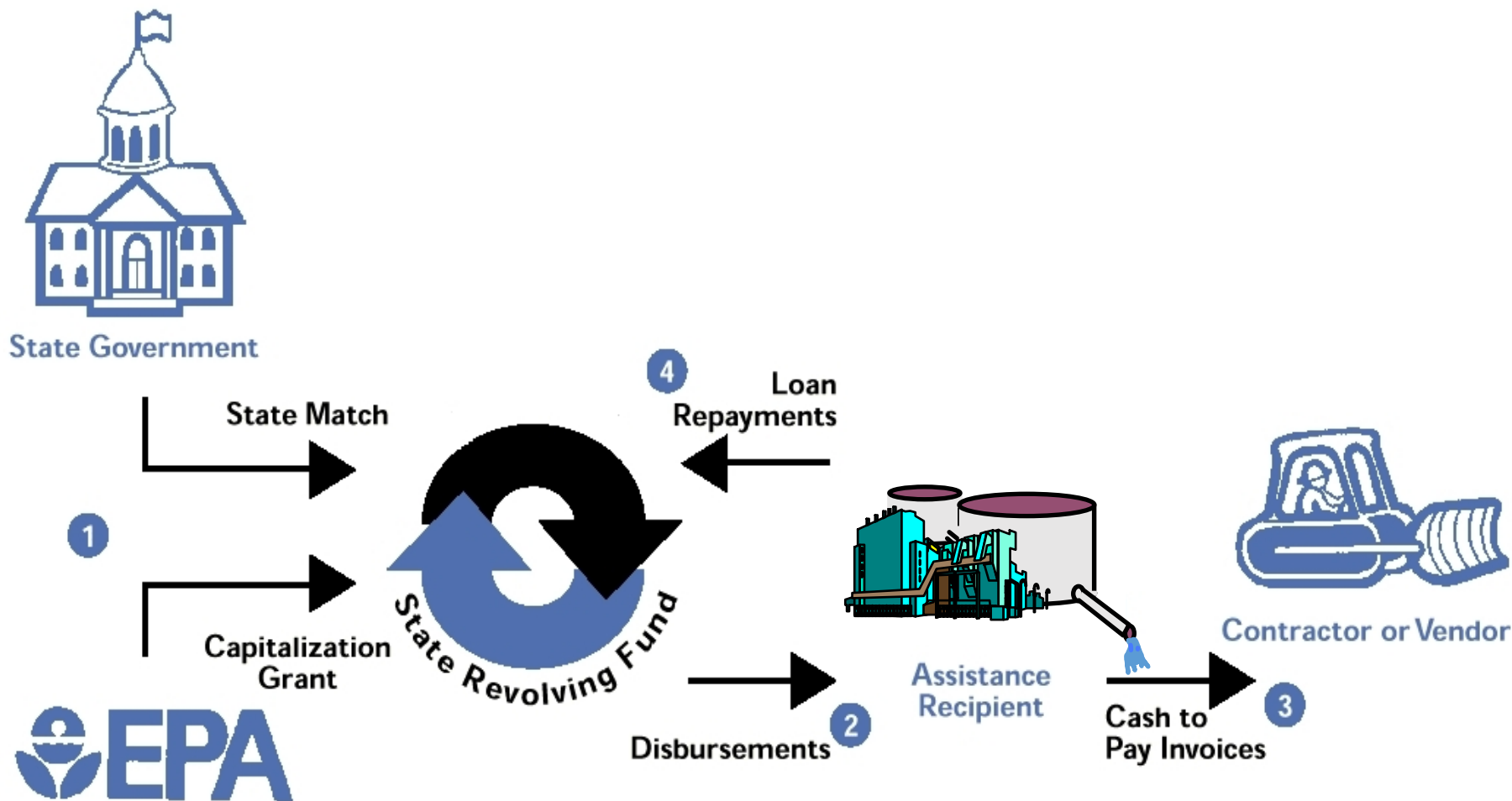


# Water Restoration Assistance



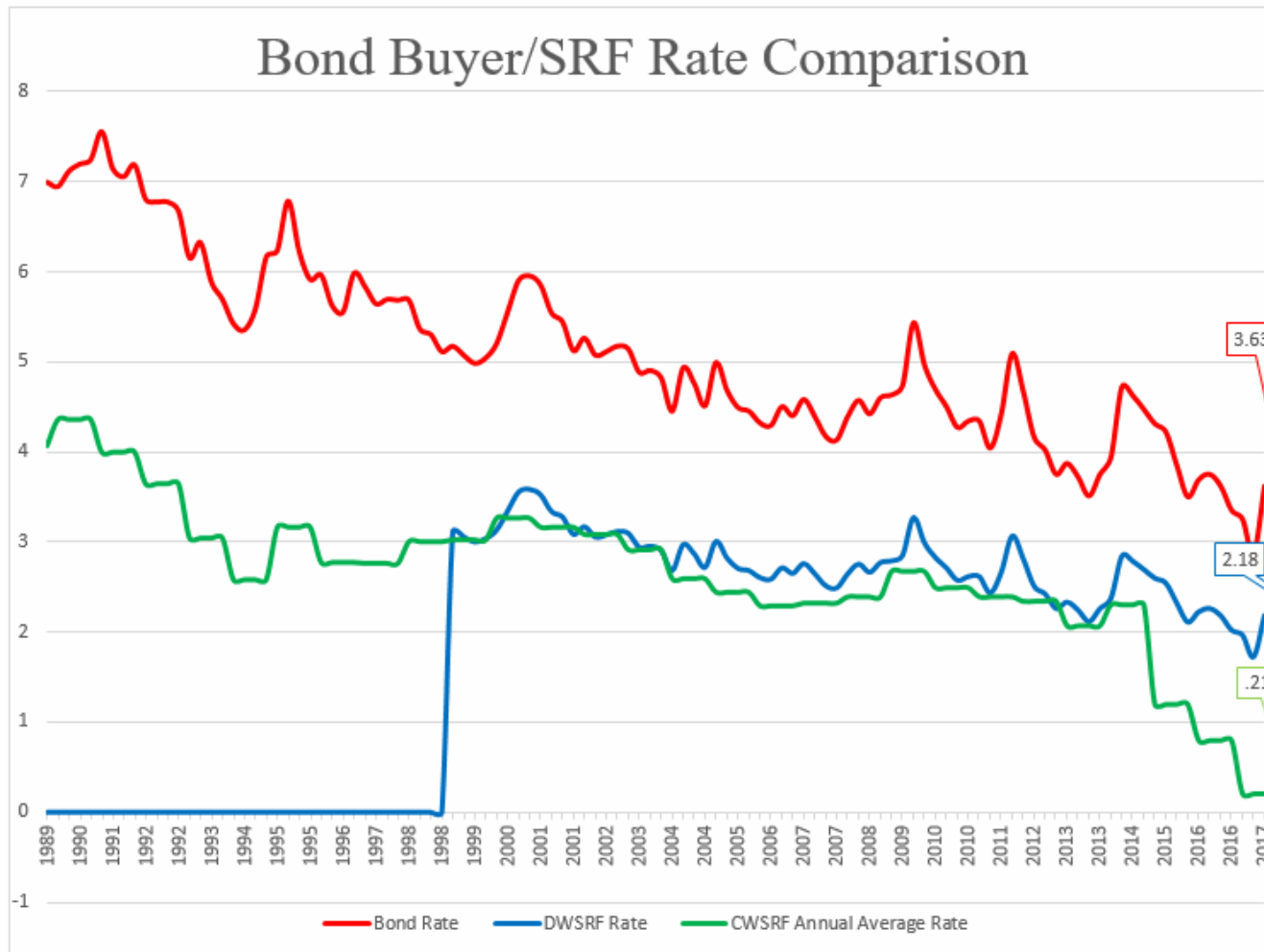


# SRF Basics





# Market vs SRF Interest Rate





# Clean Water State Revolving Fund

## **Florida's largest financial assistance program for water infrastructure, capitalized by federal grants through EPA**

- Provides low-interest loans to local governments to plan, design, and build or upgrade wastewater and stormwater facilities
- ~\$200 million annually, currently a \$30 million segment cap
- Certain agricultural best management practices may also qualify for funding
- Revolves using state and federal appropriations, loan repayments, investment earnings, and bond proceeds
- Interest rates on loans are below market rates and vary based on the economic wherewithal of the community



# Type of Clean Water SRF Projects



- Wastewater Treatment Facilities
- Collection and Transmission
  - Gravity, Vacuum, Low Pressure or Grinder Systems and Force Mains
- Lift Stations
- Reuse Treatment and Distribution
- Stormwater Treatment
- Non-point Source Pollution Control
- Facilities that Protect or Restore Estuaries
- Green Energy
- Innovative Projects (Atmospheric Deposition, Landfills, Brownfield Remediation, etc.)



# Drinking Water State Revolving Fund

**Provides low-interest loans to local governments and certain private utilities to plan, design, and build or upgrade drinking water systems.**

- ~\$70 million annually, with a \$25 million segment cap
- Discounted assistance and partial principal forgiveness for small communities may be available
- Interest rates on loans are typically 40% below market rates, however the rule is being revised so that the interest rate will be a sliding scale based on affordability factors.





# Types of Drinking Water SRF Projects

- Water Treatment Facilities
- New Source Wells
- Water Supply Development
- Disinfection Facilities
- Consolidation of Smaller Plants
- Planning and Engineering
- Replacement of Aging Infrastructure
- Transmission and Storage
- Distribution System
- Land Acquisition for Facilities
- Compliance Projects





# State Revolving Fund Requirements

- Planning
  - [http://www.dep.state.fl.us/water/wff/docs/facilities\\_planning\\_requirements.pdf](http://www.dep.state.fl.us/water/wff/docs/facilities_planning_requirements.pdf)
- Readiness to Proceed
  - <http://www.dep.state.fl.us/water/wff/docs/readiness.pdf>
- Davis Bacon
  - <http://www.dep.state.fl.us/water/wff/wages.htm>
- American Iron and Steel
  - [http://water.epa.gov/grants\\_funding/aisrequirement.cfm](http://water.epa.gov/grants_funding/aisrequirement.cfm)
- Fiscal Sustainability Plan (CWSRF Only)



# SRF Construction Loan Process

Start Here →

Request for Inclusion Form

Planning Document

Agency Reviews  
(USFWS, USDA, DEP, DOT, WMD, etc.)

Environmental Information Document  
*DEP Writes*

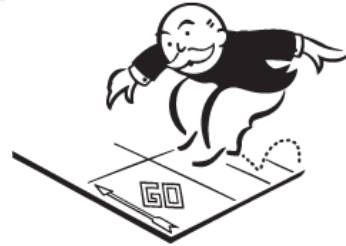
Readiness-to-Proceed

Priority List Public Meeting  
*DEP Holds*

Loan Agreement Application

Loan Agreement  
*Approx. 360 Days*

Disbursement Requests  
(invoices required)





# EPA 319(h) Nonpoint Source Grant

## Clean Water Act Federally Funded Grant

- \$5-6 million Florida
- Nonpoint source pollution abatement
  - Critical to restoring Florida's waters and meeting TMDLs and BMAPs.
- Once stormwater enters a major conveyance system EPA considers it a point source and may not be eligible for the 319(h) Grant
- Be prepared to document project construction and results, monitor effectiveness
- Minimum 40% non-federal match
- Projects are evaluated on a number of criteria





# 319(h) Timeframe

- **PLAN AHEAD:** Can take up to two years from application to ability to expend funds
- Have land acquisition & liability issues resolved
- When possible, finalize design and permitting prior to receiving 319 grant
- Annual awards
- Project duration 3 years
- Left-over funds from earlier grant years – short turn around time







# 319(h) Eligible Projects

- Stormwater treatment
- Low impact development
- Erosion and sediment control
- Nonpoint source education
- Agricultural BMPs Demonstration
- Silvicultural BMPs Demonstration
- Septic tank pollution abatement
  - case by case basis eligibility
  - currently primarily impact analysis and education





# TMDL Water Quality Restoration Grant

**State grant for projects that reduce stormwater pollutant loadings from urban areas in verified impaired waterbodies**

- ~\$3 million annually
- Evaluated 3X per year: March, July and November
- Project duration should be no more than 3 years
- Match amount must be equal to or greater than grant amount.
- At least 25% of the match must be provided by local government
- “Shovel ready” projects with water quality monitoring
- Projects are evaluated on a number of criteria



# Beaches and Mines Funding Assistance

## Beach Management Funding Assistance

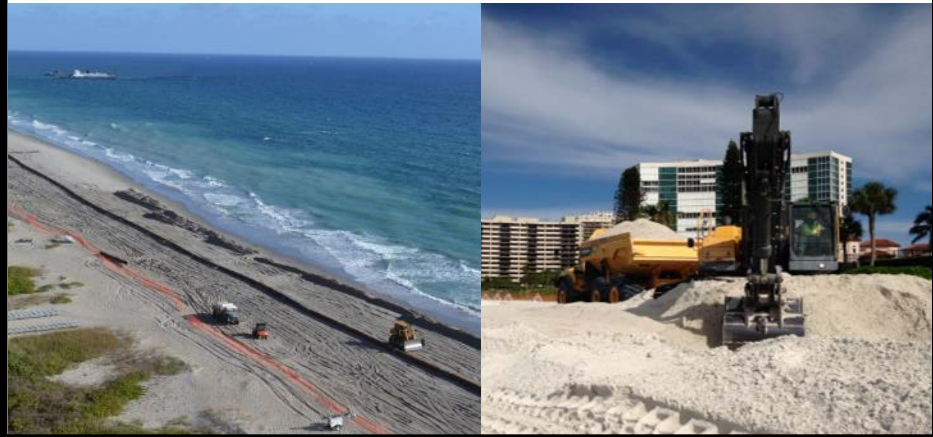
**Who:** Local coastal governments

**What:** Beach Nourishment and Inlet Management/Sand bypassing

**Where:** Critically eroding shorelines and altered inlets

**Why:** Provides storm protection for

- Upland development and infrastructure
- Critical habitat for protected species
- Economic/ recreational interests



## Nonmandatory Land Reclamation

**Who:** Private Land owners of lands mined prior to regulatory requirement

**What:** Voluntary reclamation where costs often exceed land value

**Where:** Eligible phosphate mines disturbed between 1910 and 1975

**Why:** Improves environmental and economic utility of lands by removing safety hazards and improving water quality and quantity.





# Deepwater Horizon

## 3 Funding Streams

- Natural Resource Damage Assessment Early Restoration Funding
- RESTORE Act Funding
- National Fish and Wildlife Foundation's Gulf Environmental Benefit Fund

### Project stats to date

- 57 projects
- Approximately \$175 million in project funding
- 49% ecological projects
- 51% recreational projects





# For More Information

**State Revolving Fund:** <http://www.dep.state.fl.us/water/wff/>

Clean Water Loans: Tim Banks, 850-245-2969, [timothy.banks@dep.state.fl.us](mailto:timothy.banks@dep.state.fl.us)

Drinking Water Loans: Shanin Speas-Frost, 850-245-2991, [Shanin.Speasfrost@dep.state.fl.us](mailto:Shanin.Speasfrost@dep.state.fl.us)

**319(h) Grant:** <http://www.dep.state.fl.us/water/nonpoint/319h.htm>

Kate Brackett, 850-245-2952, [Kathryn.Brackett@dep.state.fl.us](mailto:Kathryn.Brackett@dep.state.fl.us)

**TMDL Grant:** [http://www.dep.state.fl.us/water/watersheds/tmdl\\_grant.htm](http://www.dep.state.fl.us/water/watersheds/tmdl_grant.htm)

Katie Britt, 850-245-2938, [Katherine.Britt@dep.state.fl.us](mailto:Katherine.Britt@dep.state.fl.us)

**Beaches and Mining:** <http://www.dep.state.fl.us/beaches/programs/becp/index.htm>

Dena Van Landingham, 850-245-2970, [Dena.VanLandingham@dep.state.fl.us](mailto:Dena.VanLandingham@dep.state.fl.us)

**Water Project Funding in Florida:**

<http://www.dep.state.fl.us/water/waterprojectfunding/>



# Questions?

