



Florida Department of Environmental Protection

Overview of the Division of Water Restoration Assistance Programs



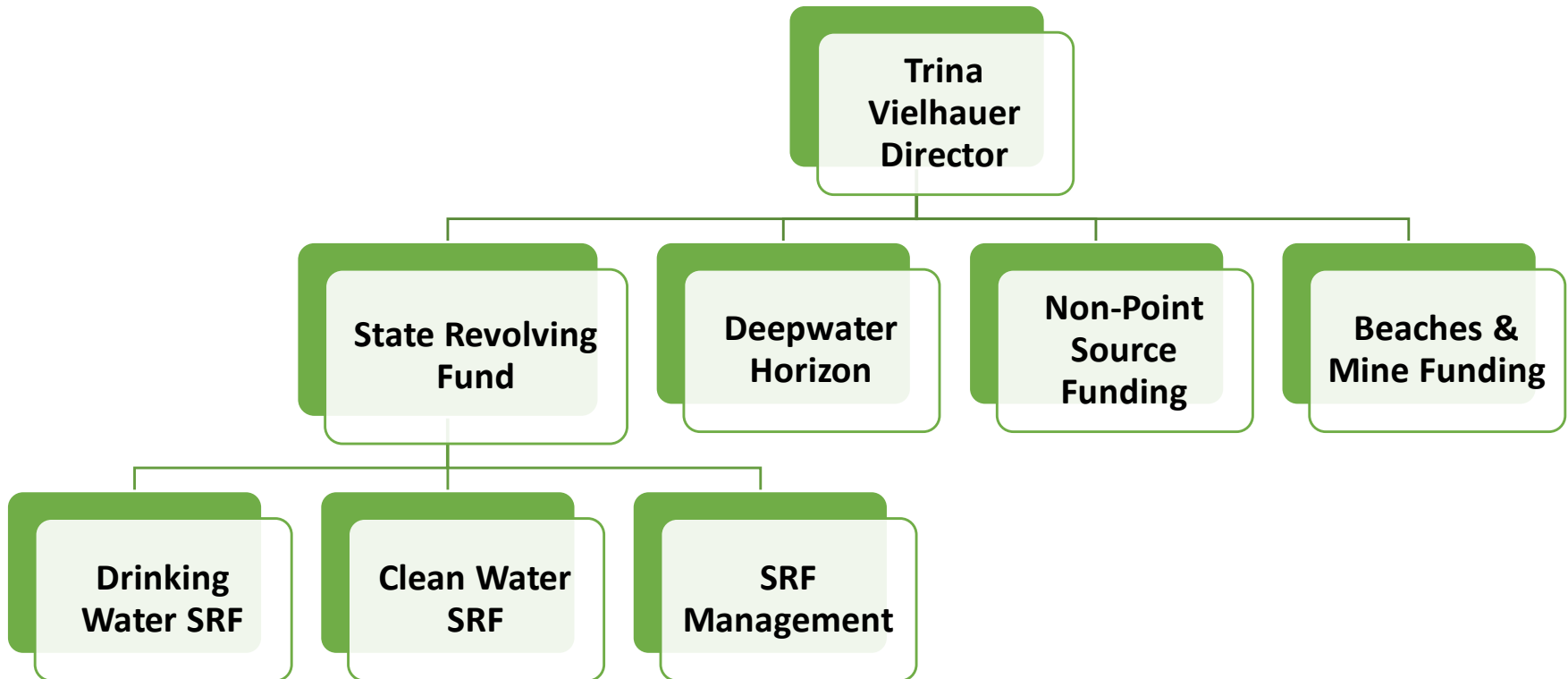


Division of Water Restoration Assistance

- 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

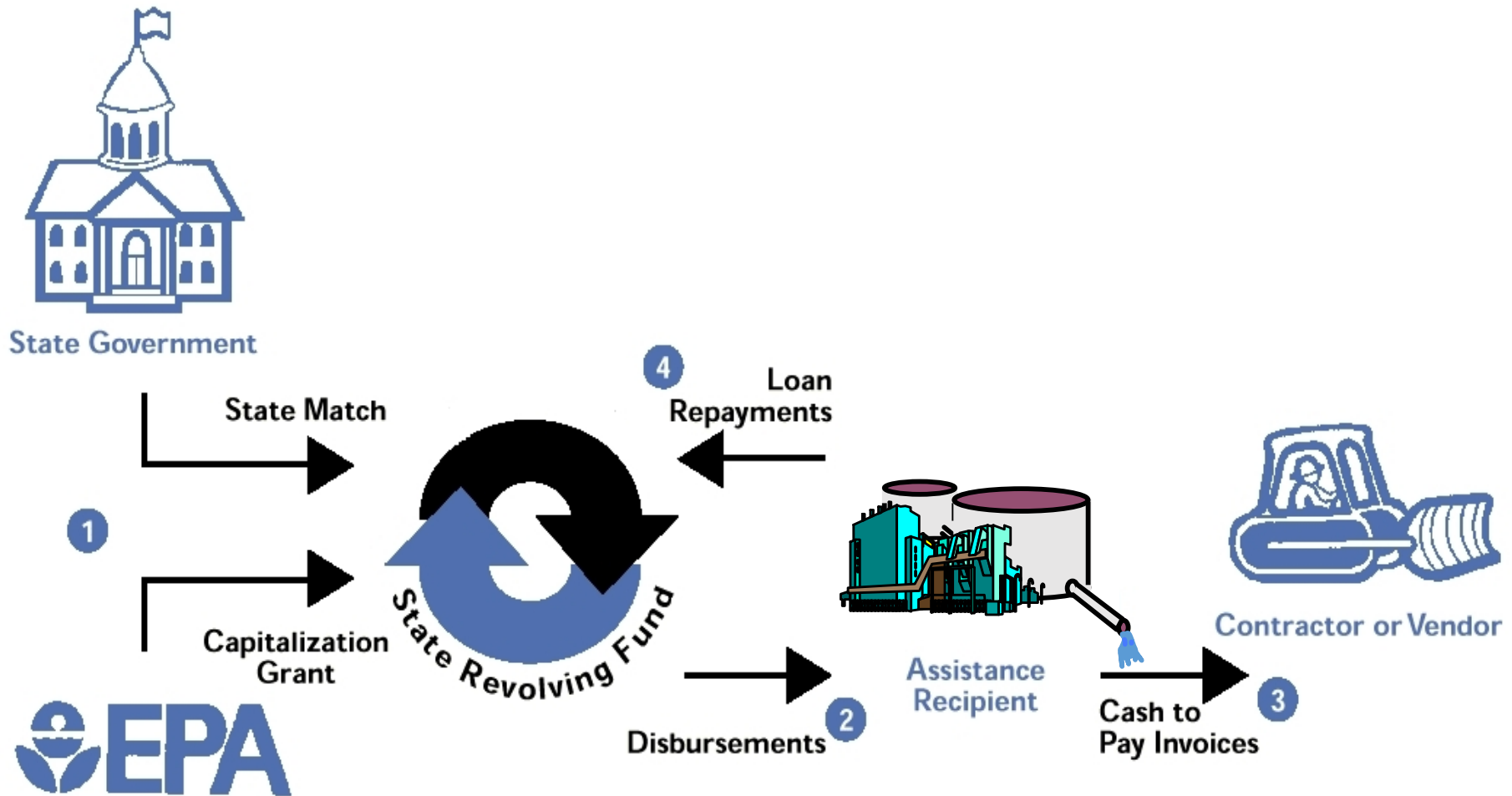


Water Restoration Assistance



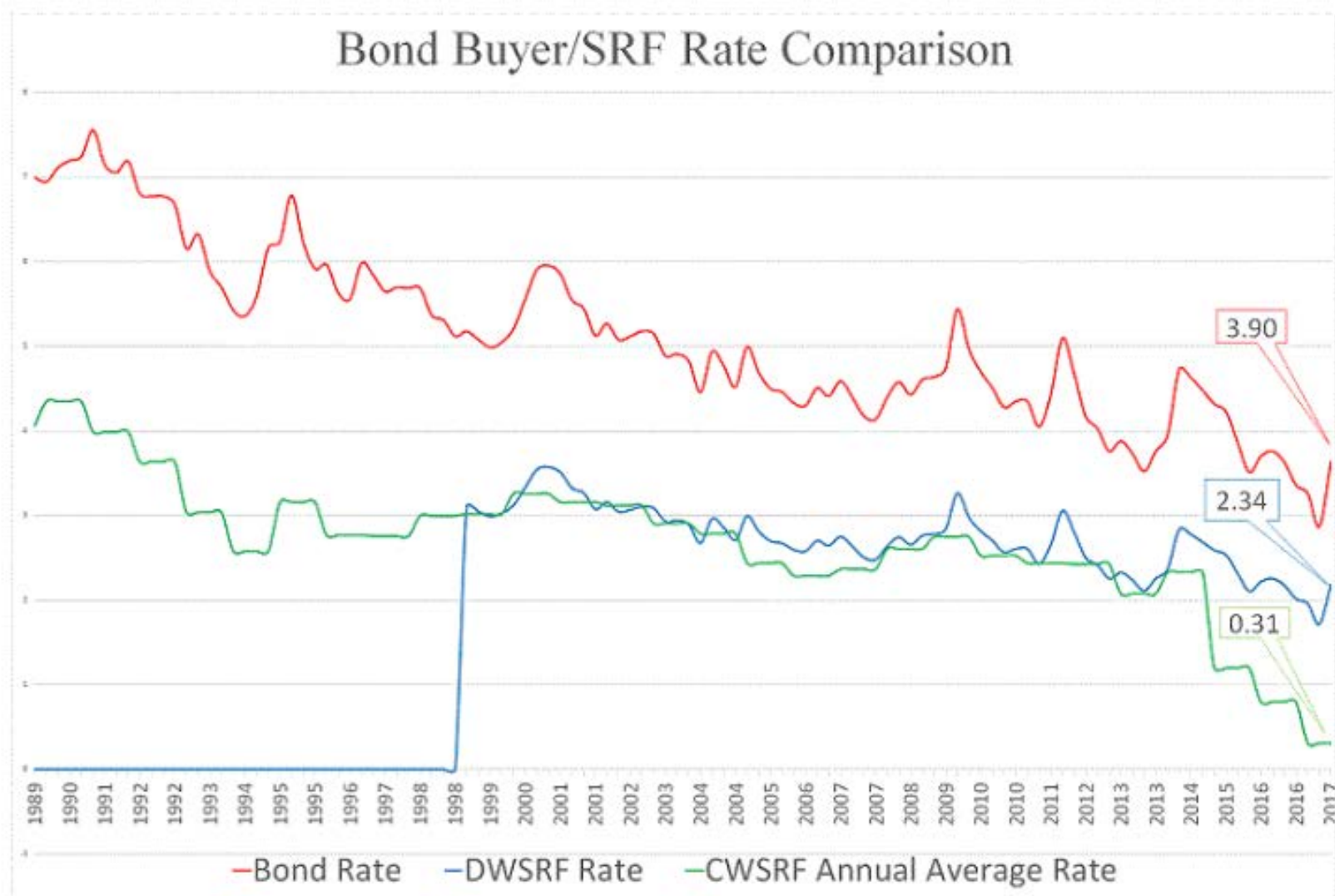


SRF Basics





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 \$25 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
- 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
- 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

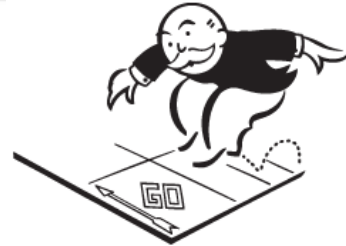
Readiness-to-Proceed

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

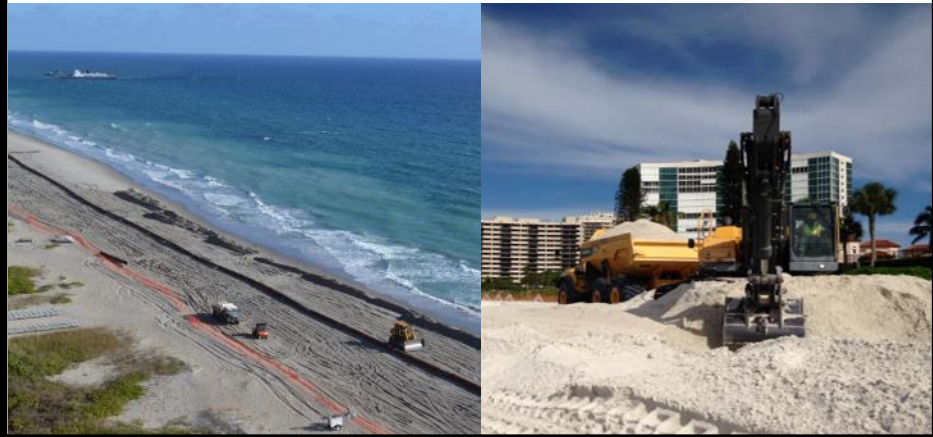
Who: Local coastal governments

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

Drinking Water Loans: Shanin Speas-Frost, 850-245-2991, 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

TMDL Grant: http://www.dep.state.fl.us/water/watersheds/tmdl_grant.htm

Katie Britt, 850-245-2938, Katherine.Britt@dep.state.fl.us

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

Rob Buda, 850-245-2975, Rob.Buda@dep.state.fl.us

Water Project Funding in Florida:

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



Questions?

