



Florida Department of Environmental Protection

Overview of the Division of Water Restoration Funding Assistance Programs

Southeast District Open House
September 27, 2018

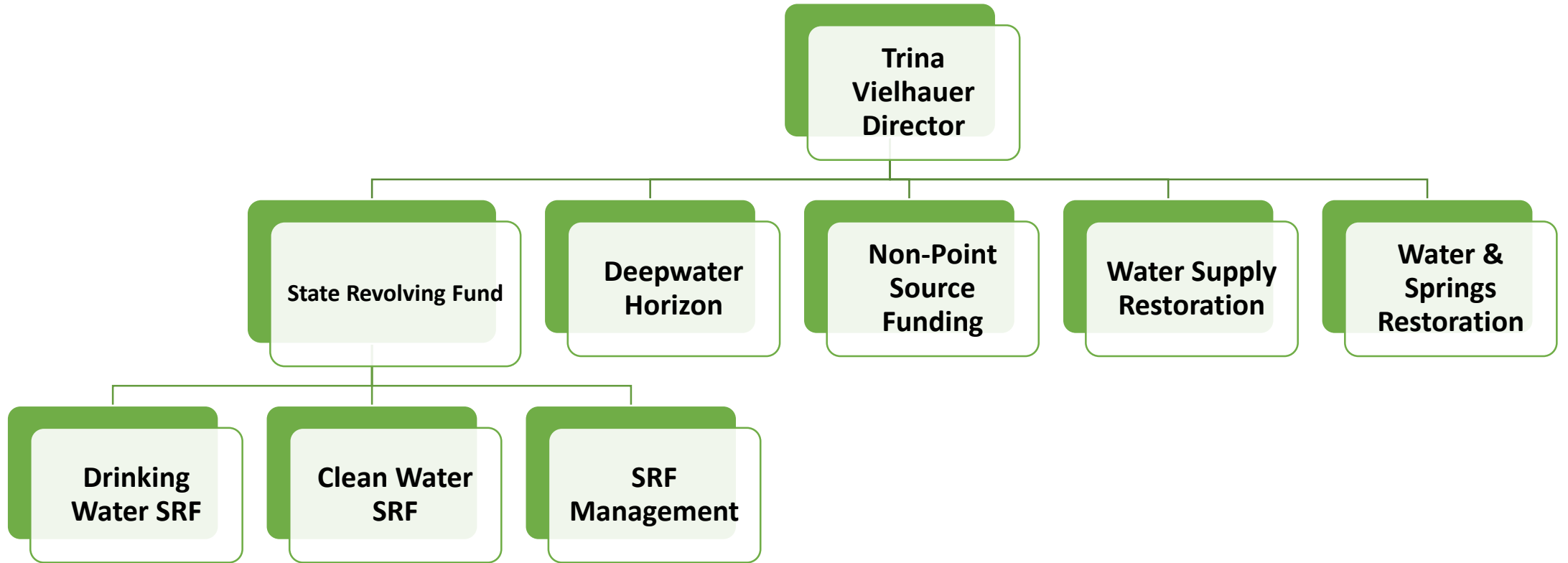


Division of Water Restoration Assistance

- 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

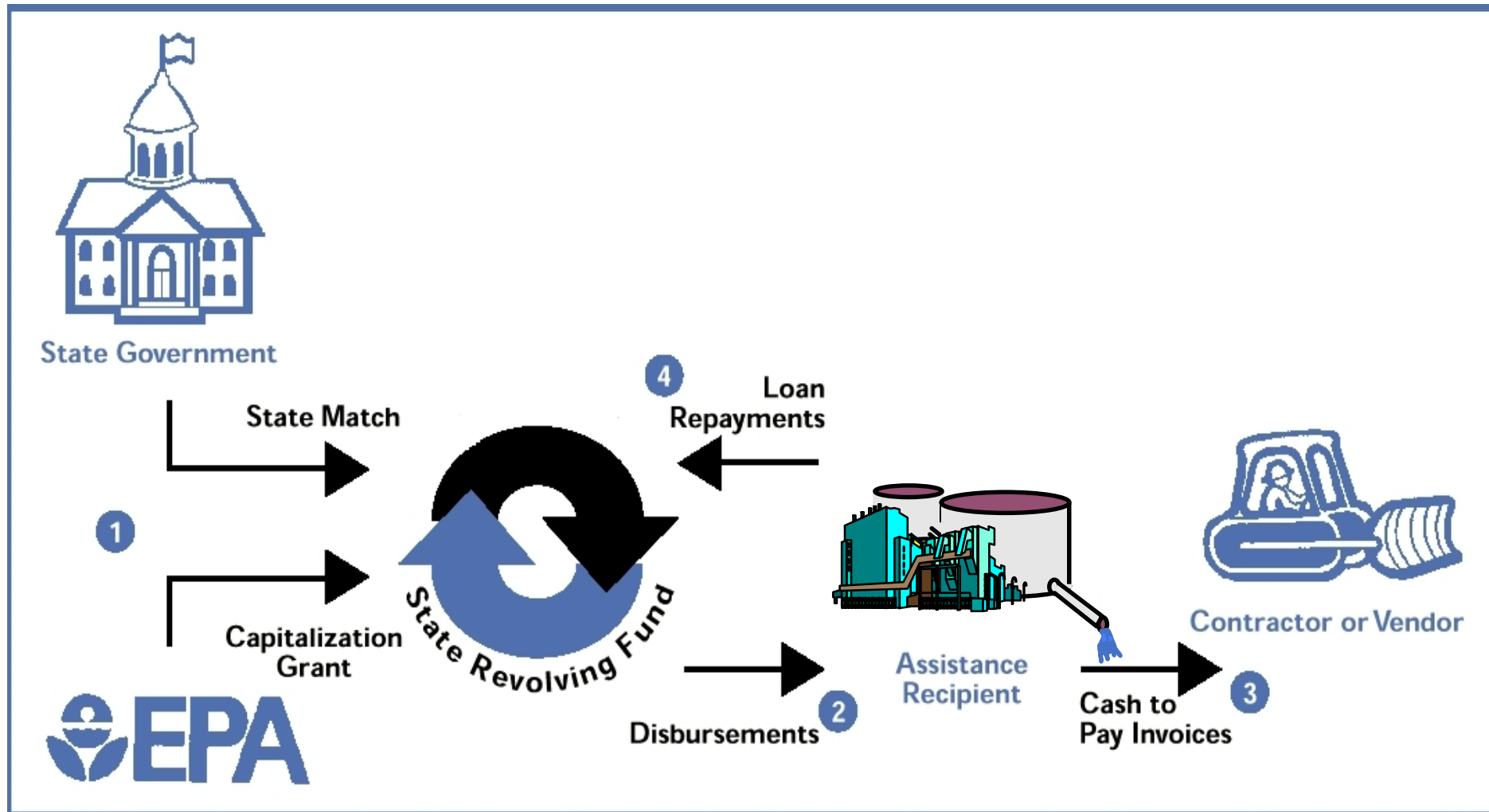


Water Restoration Assistance



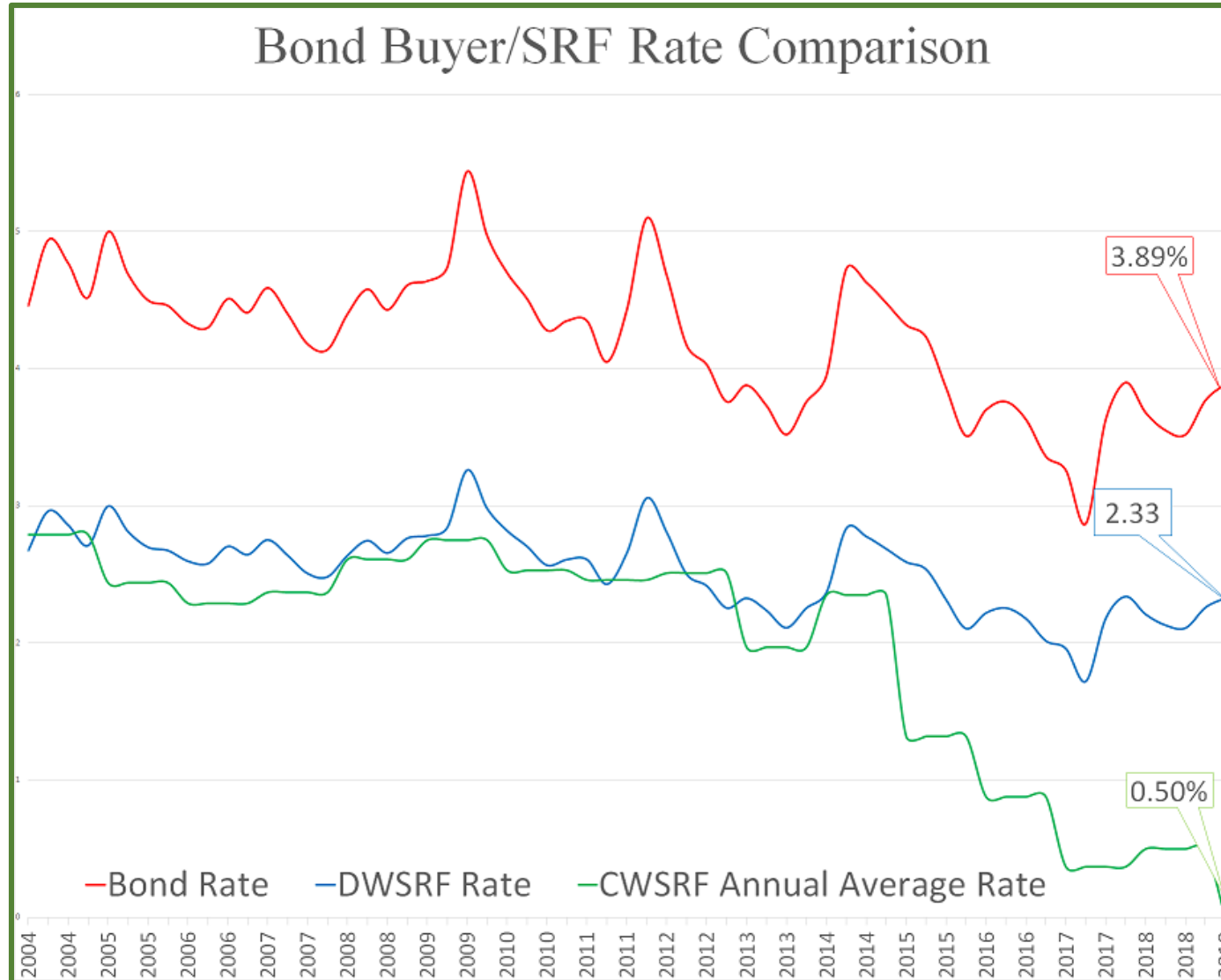


SRF Basics





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 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 below market rates and vary based on the economic wherewithal of the community.
 - New Rule 7-17-17!!!



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
 - Project description, environmental effects, alternatives, public participation, ability to repay, adopting resolution
- Readiness to Proceed
 - Approved planning document, approved plans and specs, permits, site certification
- Davis Bacon
 - Fair wages, supplemental conditions in bidding documents
 - Get an interest rate break to help with compliance (0.25%)
- American Iron and Steel
 - Use of iron and steel products produced in US for construction projects
 - Get an interest rate break to help with compliance (0.75%)
- Fiscal Sustainability Plan (CWSRF Only)
 - Asset management plan



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

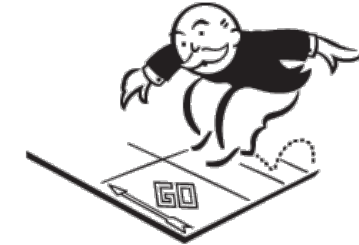
Readiness-to-Proceed

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
- **\$1 million for public education**
- 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





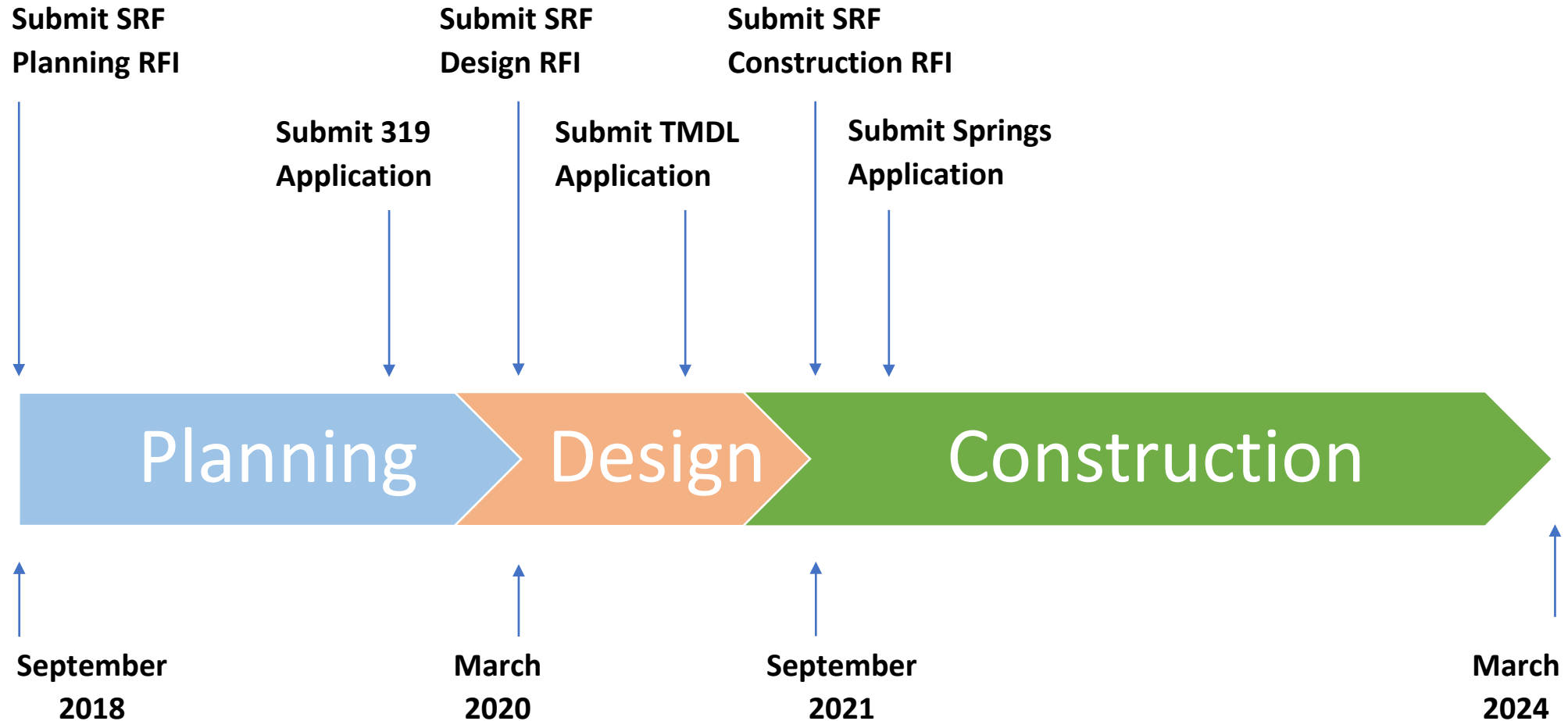
TMDL Water Quality Restoration Grant

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

- ~\$3 million annually
- 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



SRF Loan/Water Quality Grant Funding Timeline Example





Minuteman Causeway

City of Cocoa Beach

- Sewer rehab and stormwater improvements
- Indian River Lagoon Basin
- \$5.1 M CWSRF Funding
 - Sewer and stormwater infrastructure
- \$1.7 M Nonpoint Source Funding
 - Low-impact design (LID), Streetscaping, Urban planters, Rain gardens, Tree wells, Exfiltration vaults, and Pervious pavers
- Collaborative Funding





Water Supply Restoration

Funding the restoration of safe drinking water to well owners impacted by health hazards due to man-made contamination

- Well sampling results must be above the MCL or HAL to be eligible – EDB, Dieldrin, Arsenic, etc.
- Funding pays for connection to public water supply, filters/filter maintenance, or partial reimbursements for well construction in EDB delineated areas.



Private Well Sampling
Conducted by the
Florida Department of
Health





Water and Springs Restoration

Managing grant agreements for springs restoration and legislative water projects

- Springs projects are selected through a public process with the water management districts
 - Since 2013, more \$177 million committed for 144 springs projects
 - Additional \$50 million appropriated for FY2018-19
- Legislative water projects are chosen by the Legislature from community budget requests
 - Over \$300 million appropriated since 2011
- Projects include water quality improvement, sewer, land acquisition, OSTDS, ag BMP, reuse



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

- 105 projects
- Approximately \$303 million in project funding
- 55% ecological projects
- 45% recreational projects



For More Information

State Revolving Fund: floridadep.gov/wra/srf

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: floridadep.gov/wra/319-tmdl-fund

Amanda Peck, 850-245-2948, Amanda.Peck@dep.state.fl.us

TMDL Grant: floridadep.gov/wra/319-tmdl-fund

Amanda Peck, 850-245-2948, Amanda.Peck@dep.state.fl.us

Deepwater Horizon: www.deepwaterhorizonflorida.com

Water and Springs Restoration: floridadep.gov/springs/restoration-funding

Sandra Waters, 850-245-2898, WSRP@dep.state.fl.us

Water Supply Restoration Funding: floridadep.gov/wra/water-supply-restoration

Charles Coultas, 850-245-2916, Charles.Coultas@dep.state.fl.us

Water Project Funding in Florida: floridadep.gov/WRA



Questions?

