

# FDEP Alternative Water Supply Grant Program



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Water Supply Bureau  
January 6, 2021

# FDEP Alternative Water Supply (AWS) Funding

- Governor DeSantis' Executive Order 19-12
  - Requested recurring funding for AWS development
- In FY2020 and FY2021 State budgets, \$40 million each year approved for water supply development projects
- FDEP administers AWS funding
  - Requests water management districts provide lists of projects for State funding consideration each May



# FDEP Grant Programs

## ➤ FDEP AWS Program

- Statewide alternative water supply or water conservation
- FDEP allocates legislative appropriations for specific projects
- Up to 50% of eligible project costs

## ➤ Water Protection and Sustainability Program (Section 373.707, F.S.)

- Statutory split
  - District receives 30% of allocated funds
- Up to 40% of eligible project costs



# Program Information and Assistance

- Email: [coopfunding@sfwmd.gov](mailto:coopfunding@sfwmd.gov)
- Webpage: <https://www.sfwmd.gov/doing-business-with-us/coop-funding>
  - FY2022 Program Guidelines
  - FY2022 AWS Application
  - FY2022 Water Conservation Applications
    - Urban
    - Agriculture & Nursery
  - Program contacts
  - Example applications

# Fiscal Year 2021-2022 AWS Funding Schedule

**December 1, 2020**

Application period began

**January 6 & 20, 2021**

Zoom informational webinars

**February 26, 2021**

Application deadline

**March – April 2021**

Staff application review process

**May 2021**

FDEP list for Governing Board approval &  
FDEP submittal by May 31

**August/September 2021**

Governing Board approval of Water  
Protection and Sustainability Program funds

# Who Can Apply?

- Local governments & Tribes
- Special districts
- Utilities
- Agricultural/commercial interests
- Golf courses
- Homeowners'/Condominium associations
- Nonprofit organizations
- Hotels
- Office buildings
- Manufacturing facilities
- Other water users



# Project Eligibility

- To be eligible, entities must meet the following requirements:
  - Be a public or private entity
  - Adhere to the application instructions
  - Adhere to all applicable laws and regulations
  - Comply with allowable funding costs
  
- The following user groups are not eligible:
  - Individual homeowners (e.g., single-family residential users)
  - Permittees that are out of compliance with District or FDEP-issued permits

# Reimbursement Costs

## ➤ Allowable costs:

- Funding may only be used for the project in the application
- Construction or implementation costs beginning on or after October 1, 2021

## ➤ Non-allowable costs:

- Expenses incurred before or after the funding period
- Pilot tests, planning, permitting, design, engineering, etc.
- Regular operations and maintenance
- Projects out of permit compliance
- Lobbying
- Educational programs



# FDEP Funding Considerations

## ➤ Project funding considerations

- Alternative water supply or water conservation
- Provides regional benefits
- Benefits MFL water bodies
- Dual benefits to water supply and water quality
- Benefits environment, resource, and community
- Readiness to proceed (“shovel-ready” and partner funding available)
- Capital costs per 1,000 gallons and return on investment

# Governing Board Priorities

## ➤ Current considerations:

- Must be within the District boundaries or provide benefits to the District
- Must be an AWS or water conservation project
- Construction/implementation only
- Supports mission of the District and/or approved plan
- Prioritize regional projects based on resource areas

## ➤ New consideration:

- Year-round irrigation ordinance status



# Alternative Water Supply



# Alternative Water Supply Projects

- Projects that increase water supplies through development of non-traditional water sources and/or storage
  - Saltwater & brackish water
  - Reclaimed or recycled water
  - Surface/storm water captured during heavy rainfall
  - New storage capacity
  - Any other source designated as non-traditional in a regional water supply plan





# Additional AWS Considerations

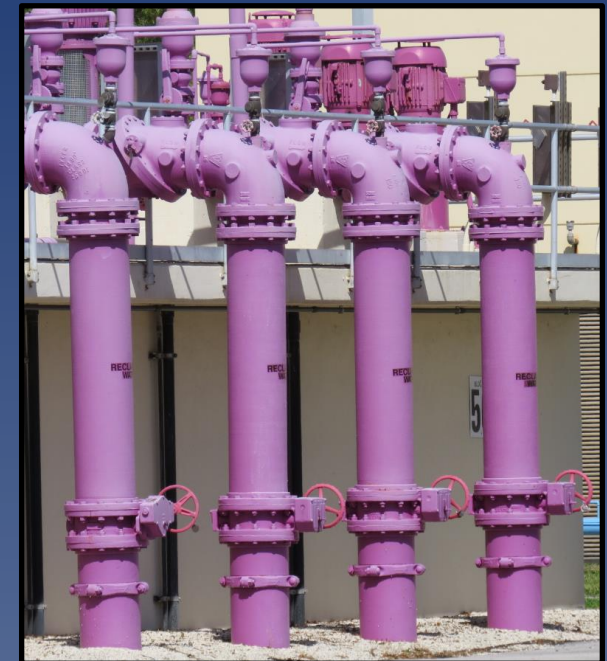
- Support goals & objectives of regional water supply plans
- Reduces dependence on traditional sources
- Supports ocean outfall legislation
- Contributes to AWS development in resource-limited areas





# Allowable AWS Costs

- Raw water transmission mains
- Reclaimed water storage tanks, pump stations, and distribution mains
- Reverse osmosis (RO) trains, pumps, and associated appurtenances
- ASR wells, brackish water production wells, and concentrate disposal wells associated with an AWS source



# Non-allowable AWS Costs

- Design, permits, as-builts, videos, early completion bonuses, etc.
- Finished water storage tanks or transmission lines
- End-user service line connections
- Backup generators



# Water Conservation



# Water Conservation Projects

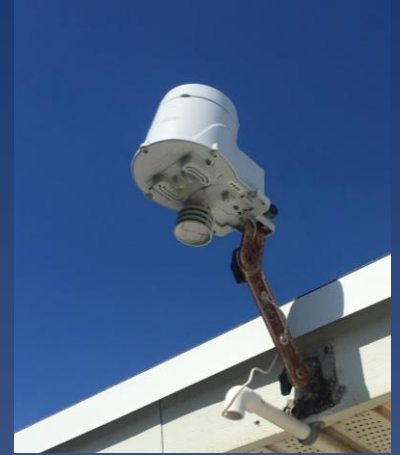
- Projects that use hardware and/or technology to increase water use efficiency
  - High efficiency indoor fixture/appliance retrofits/rebates
  - Automatic hydrant flushing devices
  - Irrigation Retrofits/rebates, including soil moisture sensors, rain sensors, and irrigation head upgrades
  - Ag/Nursery irrigation water use efficiency improvements





# Water Conservation Project Considerations

- Water source being conserved
- Quantity of water saved
- Cost effectiveness (\$/1,000 gallons saved)
- Quality and detail of project application
- Environmental/community benefits
- Past performance





# Urban Conservation Projects

- Indoor fixtures and water-using appliances
- Irrigation controllers, sensors, spray bodies, and system audits
- Rebates to incentivize builders to build and certify new construction (residential or commercial/institutional) under the Florida Water Star program



<https://floridawaterstar.com/>

# Urban Conservation Projects

- Industrial processing (can include submeters)
- Cooling tower water use efficiency upgrades (can include submeters)
- Advanced meter analytic software and online customer portals directly related to water conservation
- Other water use efficiency measures (pending review and approval)



# Non-allowable Urban Conservation Projects

- Indoor fixtures for new construction, unless part of a Florida Water Star certification program
- Automatic meter reading/infrastructure/analytics hardware (e.g., antennas, relays, meters, decoders)
- Hardware or practices considered operations and maintenance
- Waterless urinals

# Agriculture/Nursery Projects

- Irrigation system conversions to a more efficient method (e.g., flood to overhead)
- Precision irrigation management equipment (e.g., soil moisture probes, tensiometers, weather stations, wireless telemetry)
- Flow meters (if part of a larger irrigation efficiency improvement project)
- Sprinkler head conversion to more efficient heads
- Pump/filter/valve system automation
- VFD retrofits on existing pumps/wells
- Other water use efficiency measures (pending review and approval)

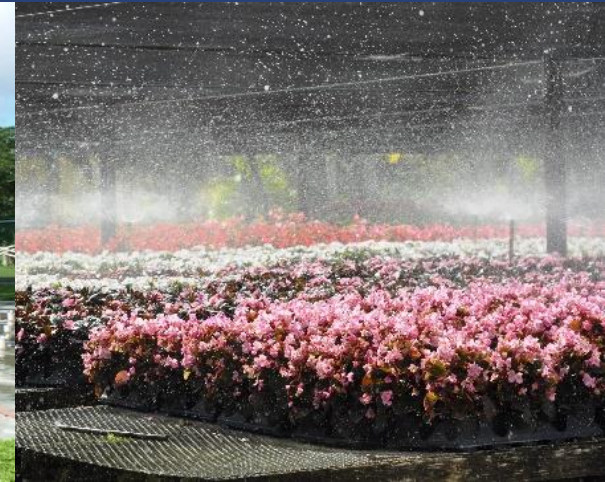


# Non-allowable Agriculture/Nursery Projects


- Installation of new irrigation systems or extensions of existing systems
- Culverts or water control structures
- Freeze/frost protection materials
- New pump/filter/fertilization/disinfection hardware/materials
- Replacing old emitters with new ones of the same efficiency or flow rating
- Reservoirs/tailwater ponds
- Mainline pipes for surface water delivery



# Website Overview



# CFP Website Review



**SOUTH FLORIDA**  
 WATER MANAGEMENT DISTRICT

WHO WE ARE  
 OUR WORK  
**DOING BUSINESS WITH US**  
 COMMUNITY & RESIDENTS  
 SCIENCE & DATA  
 NEWS & MEETINGS

ASK US  
 Contact Us  
 Careers  
 Locations  
 Search

Home >> Doing business with us >> **COOP FUNDING**

Permits  
 Procurement  
 Real Estate  
**Grants/Funding Opportunities**  
 Best Management Practices (BMPs)  
 Land Mitigation Program  
 Water Resources for Florida Agriculture  
 Water Supply Facilities Work Plans  
 For Sale

## Grants/Funding Opportunities

People recognize and respect city and county borders. Water does not. The South Florida Water Management District is a regional agency committed to ensuring that local perspectives are incorporated into our activities. Strong working relationships between local officials and staff allow us to share and utilize our knowledge, expertise and resources to address shared water and land stewardship responsibilities. Intergovernmental communication, cooperation and coordination are vital to meeting the water resource needs of our communities.

### Cooperative Funding Program

The objective of the Cooperative Funding Program is to assist local governments, public and private water providers, and other entities with construction and/or implementation of alternative water supply (AWS) and water conservation (WC) projects that support or complement the District's mission.

### FY2022 Application Schedule

In anticipation of legislative appropriations being allocated for FY2021-2022, the District will be releasing an application for eligible applicants to apply for funding consideration.

December 1, 2020	Application Period Opens
January, 2021	Two Zoom Informational Webinars: <ul style="list-style-type: none"> <li>January 6, 2020 Zoom meeting – <b>Attendees Link for Public Notice:</b> <a href="#">Webinar Registration Link</a></li> <li>January 20, 2020 Zoom meeting – <b>Attendees Link for Public Notice:</b> <a href="#">Webinar Registration Link</a></li> </ul>
February 26	2021 Application Period Closes
March - April 2021	Internal Application Review Process
May 2021	Governing Board Project List Approval & Submission to FDEP

# CFP Website Review

Eligible projects for consideration should be construction-ready AWS projects or ready-to-implement water conservation technology programs that provide the most immediate benefits. The application process opens **December 1, 2020** and closes **February 26, 2021 at 4 p.m.** Projects may be eligible for up to 50 percent cost-share by the Florida Department of Environmental Protection with estimated construction/implementation start dates beginning on or after **October 1, 2021**.

Download and complete the AWS Word Application or Water Conservation Excel Application, complete the online submittal form ([click here](#)), upload the required files, and submit for funding consideration.

- [FY2022 CFP Guidelines](#)
- [AWS Project Application](#)
- [Water Conservation AG/Nursery Application & Cost Effectiveness Calculator](#)
- [Water Conservation Urban Application & Cost Effectiveness Calculator](#)

## Example Applications:

- [AWS RO WTP Example](#)
- [AWS Brackish Well Example](#)
- [AWS Reclaimed Water Pipeline Example](#)
- [WC Urban Irrigation Example](#)
- [WC Indoor Example](#)
- [WC Ag/Nursery Example](#)

Supporting local water projects is an important part of protecting and managing regional water resources, so please refer back to the web page for future program opportunities. To be included on the email notification of future cooperative funding grant opportunities please [click here](#) to subscribe.

For the latest information and additional details, you may contact Stacey Adams ([sadams@sfwmd.gov](mailto:sadams@sfwmd.gov) or [561-682-2577](tel:561-682-2577)); Rick Nevulis ([rnevil@sfwmd.gov](mailto:rnevil@sfwmd.gov) or [561-682-6242](tel:561-682-6242)); Jim Harmon ([jharmon@sfwmd.gov](mailto:jharmon@sfwmd.gov) or [561-682-6777](tel:561-682-6777)); or Robert Wanvestraut ([rowanves@sfwmd.gov](mailto:rowanves@sfwmd.gov) or [561-682-6615](tel:561-682-6615)).

# Online Submission Form

Grants/Funding Opportunity | apps.sfwmd.gov


https://apps.sfwmd.gov/ci/coopfunding/startupload

<b>Your Name</b> <input type="text"/>	<b>Your Email</b> <input type="text"/>
<b>Organization Name</b> <input type="text"/>	<b>Verify Email</b> <input type="text"/>
<b>Project Name</b> <input type="text"/>	<b>County</b> -- SELECT --
<b>Total Project Cost</b> <input type="text"/>	<b>Requested Funding</b> <input type="text"/>
<b>Project Latitude</b> <b>Degrees including decimals</b> <input type="text"/>	<b>Project Longitude</b> <b>Degrees including decimals</b> <input type="text"/>

Don't know the Latitude and Longitude? [CLICK HERE](#) to enter the address below to see if we can find it:

**Project Type**  
☐ Alternative Water Supply ☐ Water Conservation

**Attach File(s)**  
Only Word (Preferred), Excel, PDF, ZIP, and Image Files (JPG, GIF, PNG - for image maps) are accepted. All shape files should be in a .ZIP file. Maximum file size is 20MB. You can add a maximum of 5 individual files (files inside a .zip container count as 1 file). Click the image to select the file from your machine.

☐ I'm not a robot 

# Questions

- If you are participating via Zoom, use the Raise Hand feature
- If you are participating via phone:
  - \*9 Raises Hand
  - \*6 Mutes/Unmutes



# Thank You

