



SUWANNEE RIVER
 Water Management District
 9225 County Road 49, Live Oak, FL • 386.362.1001

**Advanced Water Quality
 Improvement Technologies
 Application**

Contact: Darrell Smith
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Date Received:

Date:	Farm or Project Name:
Owner or Business Name:	Number of Farm Acres Addressed by Project:
Producer Name:	County:
Mailing Address:	Parcel ID(s) for Proposed Location(s) of Technology Implementation:
Phone:	
E-mail:	
Submission: Please send completed applications to Hugh Thomas using the above information. Additional sheets can be used for more parcel IDs.	

ELIGIBILITY CRITERIA

- Projects must be located within the Suwannee River Water Management District (SRWMD) Basin Management Action Plan (BMAP) areas, including the Santa Fe River and the Middle and Lower Suwannee River basins. Preference will be given to projects located in Outstanding Florida Spring areas and other priority springsheds
- Must be an active farmer with crop history or intensive livestock operation (two years of irrigation/crop records - possibly available from Farm Service Agency)
- Proposed project must address water quality treatment for irrigated crop acres or intensive livestock operation acres
- Minimum of 5-year agreement to operate technology. Longer terms will be given preference for funding
- Farm must be a minimum of 40 acres to participate
- Must agree to a Water Use Permit Review/Update if needed
- Must agree to Water Use Monitoring condition for irrigation systems
- Must agree to participate in the FDACS BMP program or already be enrolled

****NOTE:** Please complete the proposed water quality improvement technology description on back of this application or submit your own form identifying the proposed water quality improvement technology.



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POTENTIAL WATER QUALITY IMPROVEMENT TECHNOLOGIES (EXAMPLES):

- Install a pump-and-treat system that pumps groundwater from the aquifer, treats the water to remove nitrates, and allows the treated water to return into the aquifer or discharges the treated water to a surface water body
- Install permeable reactive barriers to treat/filter groundwater that has infiltrated from the land's surface
- Construct a treatment that will act as a filtration system to surface runoff before it infiltrates the aquifer
- Install a woodchip bioreactor system which will treat the contaminated water that is drained from a fertilized field and/or a field used for livestock grazing
- Construct a recovery system to address any potential leaching of nutrients which could then be reused for crop production

Please list the following information regarding your proposed water quality technology:

- A description of the proposed technology that you plan to adopt (e.g. permeable reactive barriers, pump-and-treat systems, wetland treatment, etc.)
- The tax parcel ID for the proposed location of the project
- The potential nutrient reduction (lbs./acre) that could be achieved by the proposed project
- An indication of whether the proposed technology will also benefit water quantity. If yes, give the potential water savings that could be achieved (gallons saved or gallons/acre)

Description of Proposed Technology	Tax Parcel ID for Proposed Location	Potential Nutrient Reduction (lbs./ac)	Potential Water Quantity Benefits? (If yes, indicate gal/ac)



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