

## NORTH AMERICAN WETLANDS CONSERVATION ACT PROPOSAL

### PROJECT OFFICER'S PAGE

**What is the proposal title?** South Florida Ecosystem Wetlands IV

**What is the date you are submitting the proposal?** February 24, 2023

**Project Officer Information:**

1. Name: Emily Purcell
2. Organization: Ducks Unlimited, Inc.

**Will any of the NAWCA funds requested as part of this proposal be received or spent by the U.S. Fish and Wildlife Service or another Federal agency?** *No*

**Does this proposal include acquisition activities that will add to the National Wildlife Refuge System (NWRs)?** *No*

**Will any portion of any tract or activities associated with any tract be used to satisfy wetland or habitat mitigation requirements under Clean Water Act, Rivers and Harbors Act, Fish and Wildlife Coordination Act, Water Resources Development Act, ecological service credits or other related statutes now or in the future?** *No*

**Have you confirmed that all partners, key personnel, and contractors are eligible to participate in Federal grants?** *Yes*

**Briefly describe qualifications and experience of key personnel (1-2 sentences per individual) who will be providing project implementation assistance (e.g., financial officer, project officer, key field staff, etc.):**

Emily Purcell (Project Officer) has 9 years of experience with Ducks Unlimited writing, administering and overseeing NAWCA grants and grant funded project delivery as a Regional Biologist and now Director of Conservation Programs for Ducks Unlimited in the South Atlantic.

TBD (Financial Officer) has been with Ducks Unlimited for TBD years serving as the Project Coordinator. TBD has extensive experience in the financial management, reporting and compliance coordination realm of administering NAWCA grants in the South Atlantic.

Jeff Beal (Field Staff in project region) has 29 years of experience conducting grant-funded habitat restoration projects in Florida working for state agencies and Ducks Unlimited. Jeff will coordinate with partners and oversee direct project delivery of this NAWCA grant.

**To ensure that the proposal complies with available guidelines and that partners are aware of their responsibilities, the Project Officer certifies to the following statement:** I have read the 2024-1 U.S. Standard Grant proposal instructions, eligibility information, and applicable U.S. grant administration policies and informed partners or partners have read the material themselves. To the best of my knowledge, this proposal is eligible and complies with all NAWCA, North American Wetlands Conservation Council, and Federal grant guidelines and the information submitted herein is true and correct. The work in this proposal consists of allowable and eligible work and costs associated with long-term wetlands and migratory bird habitat conservation.

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Sign & date

**Audit reports.** If the applicant organization expended more than \$750,000 of federal funds during the last calendar year, please include a copy of your most recent of SF-FAC that was submitted to the Federal Audit Clearinghouse. If your organization did not expend more than \$750,000 of federal funds last year, please certify that the Single Audit (formerly A-133) was not required. *DU's current SF-FAC audit report is attached.*

**Required Overlap/Duplication Statement:** Applicants must provide a statement that address whether there is any overlap between the proposed project and any other active anticipated projects in terms of activities, costs, or time commitment of key personnel. If any overlap exists, applicants must provide a description of the overlap in their application. Applicants must also state if the proposal submitted for consideration under the program is/is not in any way duplicative of any proposal that was/will be submitted for funding consideration to any other potential funding source (Federal or non-Federal). If such a circumstance exists, applicants must detail when the other duplicative proposal(s) were submitted, to whom (entity name and program), and when funding decisions are expected to be announced. If at any time a proposal is awarded funds that would be duplicative of the funding requested from the Service, applicants must notify the Service point of contact for this funding opportunity immediately. *No overlap or duplication exists.*

**Do you have any comments about, or suggestions for, the NAWCA program?** *No, thank you.*

# NORTH AMERICAN WETLANDS CONSERVATION ACT PROPOSAL SUMMARY

## South Florida Ecosystem Wetlands V, Florida

COUNTY(IES), STATE(S), CONGRESSIONAL DISTRICT(S): Brevard and Collier Counties; Florida;

Congressional Districts 8, 26

JOINT VENTURE(S): ACJV

BIRD CONSERVATION REGION(S): 31

GRANT AMOUNT	\$2,209,710
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Allocation: Ducks Unlimited, Inc.	\$2,209,710
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MATCHING PARTNERS	\$4,419,420
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Florida Department of	\$85,023
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Environmental Protection	
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Brevard County	\$90,500
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Wetlands America Trust, Inc. MCP	\$4,243,897
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GRANT AND MATCH - ACTIVITIES, COSTS AND ACRES	\$6,629,130/1070 acres
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Fee Acquired	\$197,500/72 acres
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Enhanced	\$2,149,382/998 acres
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Other	\$5000
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Previously Approved MCP Funds	\$4,243,897
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Indirect Costs	\$33,351
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NON-MATCHING PARTNERS	\$500
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Grantee/Partner: USFWS	\$500
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### PROPOSAL PURPOSE AND DESCRIPTION:

The South Florida Ecosystem Wetlands V proposal (SFEW V) is the fifth in a series of proposals planned by Ducks Unlimited (DU) in coordination with local, state and federal agencies, other non-government organizations and private landowners in Florida (FL). Funds for this award will enhance 998 acres and permanently secure 72 acres through fee simple acquisition. The project entails enhancement of existing freshwater wetlands on a state property of critical importance to the South Florida Ecosystem and protection of an existing private impounded mangrove marsh wetland in the IRL for the benefit of many wetland-dependent species. This proposal outlines a plan to plug and land smooth agriculture ditches and berms within historic wetlands to re-establish wetland footprint, sheetflow across the landscape and historical freshwater delivery downstream to estuarine wetlands. Under this proposal, five partners [Wetlands America Trust, Inc. (WAT), Ducks Unlimited, Inc. (DU), Florida State Parks under Florida Department of Environmental Protection (FDEP), Brevard County (BC), US Fish and Wildlife Service (USFWS)] are collaborating to protect and enhance 1066 acres of wetlands and 4 acres of uplands in the northern IRL and Everglades Basin designated focus area of the Florida Peninsula defined in the Atlantic Coast Joint Venture (ACJV) Waterfowl Implementation Plan and adopted for Bird Conservation Region (BCR) 31. Proposal sites are within identified geographic priority areas for the *Partners in Flight Landbird Conservation Plan* (Tracts 1, 2), the *North American Waterbird Conservation Plan* (Tracts 1, 2), *NAWCA Coastal Zone Focus Area* (Tracts 1, 2), *US Shorebird Conservation Plan* (Tract 2), and the *BCR 31 Plan* (Tracts 1, 2) and support the objectives of these bird conservation plans and initiatives.

#### HABITAT TYPES AND WILDLIFE BENEFITTING:

The SFEW V project area represents one of the world's largest contiguous wetland complex systems (Everglades) and one of North America's most biodiverse estuaries (IRL). Tract 1, Dan House Prairie at Fakahatchee Strand Preserve State Park, falls within an extensive network of protected lands of significance within the Florida Everglades Ecosystem Subregion. The enhancement planned in this proposal on Tract 1 involves 998 acres of mainly freshwater emergent marl prairie wetlands with some intermixed forested wetlands. The area sustains one of the most important assemblages of imperiled plants and animals in the southeastern U.S. and a large portion of protected natural habitat remaining in peninsular FL. Tract 2, Jefferson Tract, is a 72-acre impounded mangrove marsh complex of estuarine and palustrine wetlands partially connected to the adjacent estuary. This proposal will provide increased foraging capacity and important habitat for pair isolation, thermal refuge and roosting for four NAWCA High Priority waterfowl species, four NAWCA Other Priority waterfowl species and at least five other species of waterfowl. At least twenty NAWCA Priority Species of wetland-dependent migratory birds from BCR 31 will benefit from enhanced habitat. The projects will provide benefits for numerous federal and state listed species and state Species of Greatest Conservation Need (SGCN). Avian species determined to be at 'extreme risk' addressed in this proposal include Wood Storks and Black Rails. 'High risk' avian species include Mottled Ducks and Roseate Spoonbills. The spoonbill population is an indicator of ecological health for the Comprehensive Everglades Restoration Plan (CERP) and enhancement of Tract 1 will greatly benefit CERP objectives. The Atlantic Coast Joint Venture (ACJV) has identified Black Rail as a flagship conservation species. Black rails are resident year-round in Florida with confirmed breeding in nearby Everglades National Park.

#### PUBLIC BENEFITS/PUBLIC ACCESS:

The Tract 1 project involves hydrologic improvements to an area that is predominantly historical wetlands. Public benefits therefore include improved water quality and quantity (timing and distribution) to promote native habitats and associated flora and fauna. Fakahatchee Strand State Park, Florida's largest state park, is home to a diverse array of plants (such as orchids, ferns, bromeliads) and animals (such as Florida panther, Everglades mink), making it a highly-visited public property. Once completed, the entire project footprint will continue to allow access via foot traffic for fishing, birding, and wildlife appreciation. The Tract 2 acquisition will allow for future enhancement improvements via increased connectivity of the wetland to the adjacent estuary and greater capacity for modern mosquito control practices. The connectivity will improve fish and wildlife utilization of the wetlands and associated spillover of biomass into the estuary and nearby Merritt Island NWR at this tract which will not have direct public access.

**NEW PARTNERS:** FDEP has been a partner in this grant series from a match standpoint but not as a site to conduct grant-funded work as proposed. Brevard County is a new partner to the grant series.

#### RELATIONSHIP TO PREVIOUSLY FUNDED NAWCA PROPOSALS:

The proposal builds upon other proposals in the region addressing water delivery and quality to the SFEW V, thereby improving habitats and species. Twenty-one (21) other previous NAWCA projects surround this proposed project area including SFEW I-IV, Kissimmee to the Coast I+II, The Kissimmee Prairie Ecosystem, Torrey Kremer Islands, West Loxahatchee Slough Restoration, Indian River Lagoon (IRL), IRL Coastal Wetlands I, Invasive Species Eradication & Habitat Planting in the IRL, Invasive Species Eradication & Mangrove Planting in the IRL, Critical Bird Habitat Restoration in the NWRs of IRL I & II, T.M. Goodwin Waterfowl Area I-IV, and St. Johns River Headwaters I+II.

**THREATS AND SPECIAL CIRCUMSTANCES:** The project is designed especially to benefit rare plants and animals found within the marl prairie habitat but the specific project area footprint receiving the

proposed changes (land smoothing, ditch plugs) are mostly comprised of Brazilian pepper, a non-native tree, which does not harbor rare epiphytes and outcompetes desirable vegetation.

## FINANCIAL TABLE AND WORK PLAN

### PROPOSAL FINANCIAL TABLE

ACTIVITIES	GRANT \$	MATCHING PARTNERS				TRACT ID	NON-MATCH \$
		ABBREVIATED PARTNER NAME	OLD MATCH \$	NEW MATCH \$	TOTAL GRANT + MATCH \$		
Land Costs: Fee Acquired	\$90,500	DU	\$0	\$0	\$90,500	2-Jeff	\$0
Land Costs: Fee Acquired	\$0	BC	\$0	\$90,500	\$90,500	2-Jeff	\$0
Appraisals & Other Acquisition Costs	\$13,500	DU	\$0	\$0	\$13,500	2-Jeff	\$0
Non-Contract Personnel & Travel	\$3,000	DU	\$0	\$0	\$3,000	2-Jeff	\$0
<b>A. TOTAL FEE AQUIRED</b>	<b>\$107,500</b>		<b>\$0</b>	<b>\$90,500</b>	<b>\$197,500</b>	2-Jeff	<b>\$0</b>
<b>G. TOTAL ACQUIRED (Sum of A,B,C,D,E,F)</b>	<b>\$107,500</b>		<b>\$0</b>	<b>\$90,500</b>	<b>\$197,500</b>	2-Jeff	<b>\$0</b>
Contracts	\$1,861,944	DU	\$0	\$0	\$1,861,944	1-DHP	\$0
Contracts	\$0	FDEP	\$62,936	\$0	\$62,936	1-DHP	\$0
Contracts	\$0	FDEP	\$22,087	\$0	\$22,087	1-DHP	\$0
Materials & Equipment	\$40,000	DU	\$0	\$0	\$40,000	1-DHP	\$0
Non-Contract Personnel & Travel	\$162,415	DU	\$0	\$0	\$162,415	1-DHP	\$0
Non-Contract Personnel & Travel	\$0	USFWS	\$0	\$0	\$	1-DHP	\$500
<b>I. TOTAL ENHANCED</b>	<b>\$2,064,359</b>		<b>\$85,023</b>	<b>\$0</b>	<b>\$2,109,382</b>	1-DHP	<b>\$500</b>
Grant Administration	\$5000	DU	\$0	\$0	\$5000	All	\$0
<b>K. TOTAL OTHER DIRECT</b>	<b>\$5000</b>		<b>\$0</b>	<b>\$0</b>	<b>\$5000</b>	All	<b>\$0</b>
<b>L. PREVIOUSLY APPROVED MCP</b>		<b>WAT</b>	<b>\$4,243,897</b>	<b>\$0</b>	<b>\$2,034,187</b>	All	
<b>M. GRAND TOTAL DIRECT (Sum of G and H,I,J,K,L)</b>	<b>\$2,176,359</b>		<b>\$4,328,920</b>	<b>\$90,500</b>	<b>\$4,386,069</b>		<b>\$500</b>
<b>N. TOTAL INDIRECT</b>	<b>\$33,351</b>	<b>DU</b>	<b>\$0</b>	<b>\$0</b>	<b>\$33,351</b>	All	<b>\$0</b>
<b>GRAND TOTAL (Sum of M and N)</b>	<b>\$2,209,710</b>		<b>\$4,328,920</b>	<b>\$90,500</b>	<b>\$6,629,130</b>		<b>\$500</b>
PARTNER INFORMATION	GRANT \$	MATCHING PARTNERS				TRACT ID	NON-MATCH \$
		ABBREVIATED PARTNER NAME	OLD MATCH \$	NEW MATCH \$	TOTAL GRANT + MATCH \$		
Ducks Unlimited, Inc.	\$2,209,710	DU	\$0	\$0	\$2,209,710	ALL	\$0
Wetlands America Trust, Inc.	\$0	WAT - MCP	\$4,243,897	\$0	\$2,034,187	ALL	\$0
Florida Department of Environmental Protection	\$0	FDEP	\$85,023	\$0	\$85,023	1-DHP	\$0
Brevard County	\$0	BC	\$0	\$90,500	\$90,500	2-Jeff	\$0

US Fish and Wildlife Service	\$0	USFWS	\$0	\$0	\$0	1-DHP	\$500
<b>GRAND TOTAL</b>	<b>\$2,209,710</b>		<b>\$4,328,920</b>	<b>\$90,500</b>	<b>\$6,629,130</b>	<b>ALL</b>	<b>\$500</b>

**Explain any abbreviations in the Financial Plan Table here:**

DU: Ducks Unlimited, Inc.

WAT: Wetlands America Trust, Inc.

FDEP: Florida Department of Environmental Protection

BC: Brevard County

USFWS: US Fish and Wildlife Service

**If any match was previously approved by the Council via an Optional Matching Contributions Plan, did you include a copy of the letter or email approving the Matching Contributions Plan and give the following information: tracts affected, how much of each partner's match has been used in previous proposals, how much is being used in this proposal, and how much will remain after the current proposal is funded?** Yes – see attached Matching Contributions Plan for the DeLuca Preserve easement value.

## WORK PLAN

### TRACT 1: Dan House Prairie Phase 1

**OVERALL ACRES AFFECTED: 998**

**STATE/FEDERAL AGENCIES HOLDING INTERESTS: FDEP**

#### Acreage Summary of Grant/Match Activities on the Tract:

**Acquisition 0      Restoration 0      Enhancement 998      Establishment 0**

#### Describe all grant/match activities occurring on the tract here:

Dan House Prairie is predominantly a marl prairie community, a unique habitat which comprises the second largest community type (~14,500 acres) at Fakahatchee Strand Preserve State Park. Marl prairie contains mainly grasses and sedges with large open vistas but can be overgrown with woody species as a result of reduced hydroperiod or a lack of fire. It often occurs adjacent to forested wetland strand swamp, the largest community type found in the Park, and the two habitats are hydrologically and ecologically connected. Marl Prairie habitat is important for numerous imperiled plant species such as Small's flax, Fakahatchee burmannia, and snowy orchid as well as animals such as Florida panther, black bear, fox squirrel, and various wading birds. Though it has benefitted from hydrologic improvements made upstream at Picayune Strand State Forest, the habitat at Dan House Prairie remains disrupted by manmade earthworks. The ditch and berm network, created in the 1930s to improve the site for tomato farming, has caused a disruption of the natural hydroperiod. This includes over-draining and reduced wetland footprint for the areas containing ditch and berm features. During 2021-22, Florida State Parks staff hired Wood Inc. consulting firm to conduct a hydrologic modeling effort for Dan House Prairie to assess potential wetland enhancement scenarios. The preferred alternative was then further designed and permitted in anticipation of conducting the project earthwork construction. The final permitted design entails a technique known as 'land smoothing' in which existing berms are pushed into adjacent ditches to re-establish historic wetland elevations. Also, certain ditches are blocked with earthen plugs to re-route water flow onto the wetland surface. Leveling of berms into ditches and ditch blocking will allow for historic sheet flow through the marl prairie community, providing historic hydroperiod conditions to the prairie and to a portion of the adjacent strand swamp within the project footprint zone.

Grant funds will be used to strategically land smooth approximately three miles of ditch and berm and to install seven ditch blocks. FDEP provides match funding from the final design and permitting as well as removal of exotic vegetation, conducted previously. USFWS staff will provide technical assistance for the project.

#### Tract 1: Dan House Prairie Phase 1: Enhancement Financial Plan Justification - \$2,149,382 and 998 acres

**Grant - \$2,064,359      Match - \$85,023      Non-Match - \$500      Completion: Award Period**

Item & Work	Units	\$/unit	Total \$	Schedule (month, year)	Funding Source (Grant or Partner name)
<b>CONTRACTS</b>					
Mobilization/Demobilization	1 LS	\$172,904/LS	\$172,904	Award period	Grant
Berm Clearing	1 LS	\$175,000/LS	\$175,000	Award period	Grant
Land Smoothing	18,931 CY	\$22/CY	\$416,482	Award period	Grant
Berm Removal	55,056 CY	\$18/CY	\$991,008	Award period	Grant
Ditch Blocking	525 CY	\$22/CY	\$11,550	Award period	Grant
Seeding and Mulching	17 ACRES	\$5000/ACRE	\$85,000	Award period	Grant
Testing Ditch Plug Compaction	1 LS	\$10,000/LS	\$10,000	Award period	Grant

Design and Permitting	1 LS	\$62,936/LS	\$62,936	2021-22	FDEP
Herbicide Treatment-Aerial	1 LS	\$22,087/LS	\$22,087	2022	FDEP
Subtotal Contracts			\$1,946,967		
MATERIALS and EQUIPMENT					
Turbidity Curtain	2000 LF	\$20/LF	\$40,000	Award period	Grant
Subtotal Materials and Equipment			\$40,000		
NON-CONTRACT PERSONNEL and TRAVEL					
Managing Supervisory Professional Engineer	38 HR	\$158/HR	\$6,004	Award period	Grant
Supervisory Professional Engineer	343 HR	\$136/HR	\$46,648	Award period	Grant
Senior Professional Biologist	50 HR	\$111/HR	\$5550	Award period	Grant
Senior Professional Technician	382 HR	\$111/HR	\$42,402	Award period	Grant
Engineering Technician	276 HR	\$89/HR	\$24,564	Award period	Grant
Special Technician	8 HR	\$99/HR	\$792	Award period	Grant
Travel (miles)	31,400 MILES	\$0.655/MILE	\$20,567	Award Period	Grant
Lodging/Meal	88 DAYS	\$180.55/DAY	\$15,888	Award Period	Grant
USFWS staff	16 HRS	\$31.25/HR	\$500	Award Period	USFWS
Subtotal Non-Contract Personnel			\$162,915		
TOTAL ENHANCEMENT DIRECT COSTS			\$2,149,882		

## **TRACT 2: Jefferson Tract**

**OVERALL ACRES AFFECTED: 72**

**STATE/FEDERAL AGENCIES HOLDING INTERESTS: Brevard County**

### **Acres Summary of Grant/Match Activities on the Tract:**

**Acquisition 72      Restoration 0      Enhancement 0      Establishment 0**

### **Describe all grant/match activities occurring on the tract here:**

Jefferson Tract is a mangrove marsh and palustrine emergent habitat containing an open water pond located at Merritt Island along the Indian River Lagoon, one of North America's most biodiverse estuaries. This tract (and others adjacent) was included in the Indian River Blueway list created in 1999 targeting lands to acquire under Florida's Conservation and Recreation Lands (CARL) program. In 2001, the parcel was shifted to Group B of the newly-established Florida Forever acquisition list and in 2011, it was added to the Partnerships and Regional Incentives category. To date, most of the original East Merritt Island Impoundment Sites, as defined under CARL, have been purchased except for Jefferson Tract. This proposal outlines a means by which a partnership allows for its acquisition. At this time, Brevard County has a verbal agreement with the Vetterlein family property owner for acquisition at the current appraised price. The appraisal was conducted in June, 2022. The wetland complex was isolated from connection with tidal estuarine waters for mosquito control purposes in 1958 and was formerly known as the South Merritt Island Impoundment A. A portion of the impounded wetland to the north of the proposed acquisition boundary is owned by Brevard County and some existing culverts thru the external dike allow water exchange with the adjacent estuary to some degree. The County also owns the isolated wetland to the south of the proposed acquisition boundary which contains a natural breach allowing for tidal exchange. Historically, the proposed acquisition boundary area required frequent larviciding to reduce saltmarsh mosquito populations. This area is also largely unmanaged, relying mainly on rainfall for flooding with some connectivity via the culverts in the northern county-owned portion as described.



Because the Jefferson tract is in private ownership, however, the county has been unable to install the necessary additional culvert connections to the adjacent estuary which would allow for the typical Rotational Impoundment Management (RIM) strategy. Using RIM, the impoundment is closed and flooded during peak mosquito breeding in summer and open the remainder of the year. This strategy has been shown to reduce mosquito populations while maximizing wetland productivity for vegetative cover and utilization by wetland-dependent fishes, invertebrates, waterbirds, and waterfowl. The initial step toward full management capacity for the site is therefore to acquire the property.

Grant funds will be used to acquire the Jefferson tract thru fee simple acquisition. Brevard County will provide match for half of the appraised purchase price. The County conducted an initial appraisal in June of 2022.

**Tract 2: Jefferson Tract: Enhancement Financial Plan Justification - \$197,500 and 72 acres**  
**Grant - \$107,000      Match - \$90,500      Non-Match - \$0      Completion: Award Period**

Item & Work	Units	\$/unit	Total \$	Schedule (month, year)	Funding Source (Grant or Partner name)
<b>LAND COSTS</b>					
Fee Simple Acquisition	1 LS	\$90,500/LS	\$90,500	Award Period	Grant
Fee Simple Acquisition	1 LS	\$90,500/LS	\$90,500	Award Period	BC
Subtotal Land Costs					\$181,000
<b>APPRAISALS and OTHER ACQUISITION COSTS</b>					
Appraisal	1 LS	\$7500/LS	\$7500	Award Period	Grant
Appraisal Review	1 LS	\$4000/LS	\$4000	Award Period	Grant
Acquisitions Costs	1 LS	\$2000/LS	\$2000	Award Period	Grant
Subtotal Appraisals and Other Acquisition Costs					\$13,500
<b>NON-CONTRACT PERSONNEL and TRAVEL</b>					
Land Protection staff	30 HRS	\$100/HR	\$3000	Award Period	Grant
Subtotal Non-Contract Personnel and Travel					\$3000
<b>TOTAL ACQUISITION DIRECT COSTS</b>					<b>\$197,500</b>

**OTHER DIRECT GRANT/MATCH ACTIVITIES FINANCIAL TABLE**  
**JUSTIFICATION – \$4,248,897**

**Grant - \$5000      Match - \$4,243,897      Non-Match - \$0**

**Describe in detail other activities associated with implementing the grant that cannot be assigned to one or more tracts. Include continuing Matching Contribution Plan information (if applicable). Costs under this section may be disallowed if such costs appear to be unnecessary, unreasonable, duplicative, or allocable to a particular tract.**

Item & Work	Units	\$/unit	Total \$	Schedule (month, year)	Funding Source (Grant or Partner name)
Grant Administration	50 HR	\$100/HR	\$5,000	Award Period	Grant
Previously Approved MCP	1 LS	\$4,243,897/LS	\$4,243,897	2021	WAT
<b>TOTAL OTHER ACTIVITIES DIRECT COSTS</b>					<b>\$4,248,897</b>

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**Tract Table:**

Tract ID	Activity Type	Wetland Acres	Upland Acres	Public Access	Funding Category	Funding Source	County and State	Central Tract Location in Decimal Degrees	Final Title Holder
Tract 1	EN	998	-	998	G, OM	NAWCA, FDEP	Collier County, FL	25.980794; -81.473397	FDEP
Tract 2	AQ	68	4	0	G, NM	NAWCA, BC	Brevard County, FL	28.327166; -80.680802	BC
<b>Total Acres</b>		<b>1066</b>	<b>4</b>	<b>998</b>					

**FINAL TITLEHOLDER SUMMARY:**

Tract 1: Florida Department of Environmental Protection

Tract 2: Brevard County

Technical Assessment Question Section has a 14-page limit, including all text and tables. Margins must be 1 inch with Times New Roman Size 11 font throughout (not including tables). To stay within the page limit, avoid adding links to lengthy documents, such as publications. Additional links will be considered in the 14-page maximum length.

### TECHNICAL ASSESSMENT QUESTION #1

**How does the proposal contribute to the conservation of waterfowl habitat?**

**A. High priority species:** Mottled Duck, Lesser Scaup, Northern Pintail, Mallard

**B. Other priority species:** Wood Duck, Ring-necked Duck, American Wigeon, Redhead

**C. Other waterfowl:** Black-bellied Whistling Duck, Blue-winged Teal, Green-winged Teal, Northern Shoveler, Hooded Merganser

For the species listed above and using the table format below (see TAQ # 1 example), estimate if sufficient data is available, how many individuals/pairs will use the grant and match tracts after the proposal is completed and for what life cycle stage(s).

Species	Numbers Estimated	Life Stage (Breeding, Migration, Wintering)	Explanation of Benefits
High Priority			
Northern Pintail		Migrating and wintering	Documented locally in similar habitats for both tracts in high numbers near Tract 2. Tracts 1-2 provide 1,070 acres of high-quality foraging habitat including freshwater vegetation and shallow open water for wintering.
Mottled Duck		Breeding, migrating and wintering	Documented on Tract 1 and locally in similar habitats for both tracts. Tracts 1-2 provide 1,070 acres of high-quality foraging, breeding, nesting habitat including freshwater vegetation, shallow open water, and forested wetlands.
Lesser Scaup		Migrating and wintering	Documented locally in similar habitats for both tracts in high numbers near Tract 2. Tracts 1-2 provide 1,070 acres of high-quality foraging habitat including freshwater vegetation and shallow open water for wintering.
Mallard		Migrating and wintering	Documented locally in similar habitats for both tracts. Tracts 1-2 provide 1,070 acres of high-

			quality foraging habitat including freshwater vegetation and shallow open water.
Other Priority			
Wood Duck		Breeding, migrating and wintering	Documented locally in similar habitats for both tracts. Tracts 1-2 provide 1,070 acres of high-quality foraging, breeding, nesting habitat including freshwater vegetation, shallow open water, and sparsely wooded forested wetlands.
Ring-necked Duck		Migrating and wintering	Documented locally in similar habitats for both tracts. Tracts 1-2 provide 1,070 acres of high-quality foraging habitat including freshwater vegetation and shallow open water.
American Wigeon		Migrating and wintering	Documented locally in similar habitats for both tracts. Tracts 1-2 provide 1,070 acres of mostly palustrine emergent wetlands to support this species with adjacent deeper water.
Redhead		Migrating and wintering	Documented locally in similar habitats for both tracts. Tracts 1-2 provide 1,070 acres of high-quality foraging habitat including freshwater vegetation and shallow open water.
Other			
Black-bellied Whistling Duck		Breeding, migrating and wintering	Documented on Tract 1 and locally in similar habitats for both tracts. Tracts 1-2 provide 1,070 acres of wet habitats for ground or tree nesting and foraging spaces.
Green-Winged Teal		Migrating and wintering	Documented locally in similar habitats for both tracts. Tracts 1-2 provide 1,070 acres of mostly palustrine emergent wetlands to support this species with adjacent open water habitats.
Blue-Winged Teal		Migrating and wintering	Documented locally in similar habitats in high numbers for both tracts. Tracts 1-2 provide 1,070 acres of mostly palustrine emergent wetlands to support this species with adjacent open water habitats.
Northern Shoveler		Migrating and wintering	Documented locally in similar habitats for both tracts in high numbers near Tract 2. Tracts 1-2 provide 1,070 acres of high-quality shallow open water habitat with wetland edges for wintering.
Hooded Merganser		Migrating and wintering	Documented locally in similar habitats for both tracts. Tracts 1-2 provide 1,070 acres of high-quality foraging habitat, especially the wooded ponds and swamps.

If tracts are not yet identified, briefly explain what procedure will be used to ensure that high quality habitat is targeted. Not applicable.

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**TECHNICAL ASSESSMENT QUESTION #2**

**A. Priority bird species:**

<b>Species/BCR#</b>	<b>Numbers Estimated</b>	<b>Life Stage (Breeding, Migration, Wintering)</b>	<b>Explanation of Benefits</b>
<b>King Rail/BCR 31</b>		Breeding, migrating and wintering	Enhances and protects 951 acres of non-forested emergent wetlands, important year-round foraging and nesting habitat. Documented on Tract 1 and locally in similar habitats for both tracts.
<b>White-Crowned Pigeon/BCR 31</b>		Breeding and year-round	Documented locally in similar habitats for Tract 1. Tract 1 provides 40 acres of scrub-shrub and 115 acres of strand swamp with tropical hardwoods for foraging, breeding, and nesting.
<b>Mangrove Cuckoo/BCR 31</b>		Breeding and year-round	Documented locally in similar habitats for Tract 1. Tract 1 provides 40 acres of scrub-shrub and 115 acres of strand swamp with tropical hardwoods for foraging, breeding, and nesting.
<b>Sandhill Crane/BCR 31</b>		Breeding and year-round	Enhances and protects 1,070 acres of emergent wetlands, important year-round foraging, breeding, and nesting habitat. Documented locally in similar habitats for both tracts.
<b>Dunlin/BCR 31</b>		Migrating and wintering	Enhances and protects 951 acres of non-forested emergent wetlands, important for migration foraging. Documented locally in similar habitats in high numbers for both tracts.
<b>Semipalmated Sandpiper/BCR 31</b>		Migrating and wintering	Enhances and protects 951 acres of non-forested emergent wetlands, important for migration foraging. Documented locally in similar habitats in high numbers for both tracts.
<b>Pectoral Sandpiper/BCR 31</b>		Migrating and wintering	Enhances and protects 951 acres of non-forested emergent wetlands including wet prairie, important for migration foraging. Documented on Tract 1 and locally in similar habitats for both tracts.
<b>Short-Billed Dowitcher/BCR 31</b>		Migrating and wintering	Enhances and protects 951 acres of non-forested emergent wetlands, important for migration foraging. Documented locally in similar habitats for both tracts.
<b>Lesser Yellowlegs/BCR 31</b>		Migrating and wintering	Enhances and protects 951 acres of non-forested emergent wetlands, important for migration foraging. Documented locally in similar habitats for both tracts.
<b>Reddish Egret/BCR 31</b>		Breeding, migrating and wintering	Enhances and protects 1,070 acres of emergent wetlands, important year-round foraging, breeding, and nesting habitat. Documented on Tract 1 and locally in similar habitats for both tracts.

\*in consultation with Craig Faulhaber, Kevin Kalasz, and Christine Eastwick USFWS

**B. Other wetland-associated bird species:**

<b>Species</b>	<b>Numbers Estimated</b>	<b>Life Stage (Breeding, Migration, Wintering)</b>	<b>Explanation of Benefits</b>
<b>Solitary Sandpiper</b>		Migrating and wintering	Enhances and protects 1,070 acres of emergent wetlands, important for migration foraging. Documented locally in similar habitats for both tracts.
<b>American Bittern</b>		Migrating and wintering	Enhances and protects 951 acres of non-forested emergent wetlands, important for migration foraging. Documented on Tract 1 and locally in similar habitats for both tracts.
<b>Least Bittern</b>		Breeding and year-round	Enhances and protects 951 acres of non-forested emergent wetlands, important for foraging and nesting. Documented on Tract 1 and locally in similar habitats for both tracts.
<b>Roseate Spoonbill</b>		Breeding and year-round	Enhances and protects 951 acres of non-forested emergent wetlands, important for foraging and nesting. Documented on Tract 1 and locally in similar habitats for both tracts.
<b>Tricolored Heron</b>		Breeding and year-round	Enhances and protects 951 acres of non-forested emergent wetlands, important for foraging and nesting. Documented on Tract 1 and locally in similar habitats for both tracts.
<b>Little Blue Heron</b>		Breeding and year-round	Enhances and protects 1,070 acres of emergent wetlands, important for foraging and nesting. Documented on Tract 1 and locally in similar habitats for both tracts.
<b>Green Heron</b>		Breeding and year-round	Enhances and protects 1,070 acres of emergent wetlands, important for foraging and nesting. Documented on Tract 1 and locally in similar habitats for both tracts.
<b>Black-Crowned Night Heron</b>		Breeding and year-round	Enhances and protects 1,070 acres of emergent wetlands, important for foraging and nesting (ground, tree). Documented on Tract 1 and locally in similar habitats for both tracts.
<b>Yellow-Crowned Night Heron</b>		Breeding and year-round	Enhances and protects 130 acres of forested palustrine and brackish wetlands, important for foraging and nesting. Documented on Tract 1 and locally in similar habitats for both tracts.
<b>Sedge Wren</b>		Migrating and wintering	Enhances and protects 951 acres of non-forested emergent wetlands, important for migration foraging. Documented on Tract 1 and locally in similar habitats for both tracts.

\*in consultation with Craig Faulhaber, Kevin Kalasz, and Christine Eastwick USFWS

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### TECHNICAL ASSESSMENT QUESTION #3

**How does the proposal location relate to the geographic wetland priorities described by the North American Waterfowl Management Plan, Partners In Flight, the U.S. Shorebird Conservation Plan, and/or the North American Waterbird Conservation Plan, along with regional priorities?**

#### **A. National wetland conservation priorities:**

<b>National Bird Plan Priority Areas</b>	<b>In</b>	<b>Partially In</b>	<b>Out</b>
NAWMP			X (Tracts 1,2)
PIF	X (Tracts 1,2)		
Wading Birds	X (Tracts 1,2)		
Shorebirds	X (Tract 2)		X (Tract 1)

**Proposal sites are within identified National geographic priority areas for the Partners in Flight Bird Conservation Plan, U.S. Shorebird Conservation Plan, the North American Waterbird Conservation Plan priority areas.** This project will assist in achieving numerous plan goals and objectives from these initiatives by enhancing nesting, foraging, and wintering habitats on 1070 acres of predominantly emergent palustrine forested and non-forested wetland as well as some brackish wetlands, which are areas within significant environmentally-sensitive public land regions in South FL.

**Partners in Flight North American Landbird Conservation Plan** - The ACJV is a geographic priority wetland area under this plan. The ACJV has cooperated with Southeastern PIF to develop and stimulate conservation partnerships to achieve the goals and objectives of PIF within this geographic priority area. Proposed enhancement and protection of Tracts 1 and 2 are within the ACJV boundary and fall within the *Plan* geographical priority area. Enhancement activities on all tracts will improve nesting and foraging habitat for a variety of wetland-associated landbirds and potentially others. The three tracts collectively have documented occurrences for 8 of 30 *ACJV PIF Species of Continental Importance* (e.g., yellow-billed cuckoo, prairie warbler, and chuck-wills-widow). The tracts collectively contain 3 of 18 birds listed as ‘overall highest priority species’ in the *PIF South Atlantic Coastal Plain* document.

**United States Shorebird Conservation Plan** - The Atlantic Coast is identified as a geographic priority wetland area in the *United States Shorebird Conservation Plan 2001 (USSCP)*. It is specifically discussed in the *USSCP Part 5: Regional Shorebird Conservation Goals and Strategies* (Southeastern Coastal Plain – Caribbean section of the plan). The ACJV has worked to develop and stimulate conservation partnerships to achieve the goals and objectives of *USSCP* within this geographic priority area. The plan goal to provide high quality managed habitat applies to all tracts. All tracts are important sites for shorebirds and have very high potential for providing stopover and foraging habitat. Tract 1 especially meets the plan challenge to provide multi-species benefits given the scale and diverse complexity. Enhancement of wetlands on Tract 1 will significantly increase foraging capacity for a variety of shorebird species by improving prey productivity. Tract 2 entails protection of impounded wetlands used by shorebirds for a parcel that falls within the Plan boundary.

**North American Waterbird Conservation Plan** - The ACJV is a geographic priority wetland area under this plan. The ACJV has cooperated in the development of the *Southeast United States Regional Waterbird Conservation Plan (SUSRWCP)* to develop and stimulate conservation partnerships to achieve the goals and objectives of the plan within this geographic priority area. Enhancement and protection of these tracts which fall within the ACJV boundary and within the NAWCP geographical priority area meet Plan objectives. Enhancement of wetlands and natural hydrologic conditions on Tract 1

will provide increased foraging capacity and potential nesting/roosting habitat for a variety of waterbird species including colonial forms.

**North American Waterfowl Management Plan** - The 2012 and subsequent 2018 revision of the NAWMP highlighted 3 main goals to help guide waterfowl and wetlands management into the future. Enhancement and protection of 1070 acres of mostly freshwater emergent wetlands of primarily emergent grasses with some open water adjacent to strand swamp forest, will aid in reaching the habitat conservation goals of the ACJV by incorporating the values of all three of the main NAWMP goals: 1) providing “abundant and resilient waterfowl populations” by enhancing wintering habitat (Tracts 1, 2), 2) providing “wetlands and related habitats sufficient to sustain waterfowl populations at desired levels, while providing places to recreate and ecological services that benefit society” (Tract 1, 2), and 3) “growing numbers of waterfowl hunters, other conservationists and citizens who enjoy and actively support waterfowl and wetlands conservation” by providing waterfowl associated recreation on publicly owned lands (Tract 1).

#### B. Regional wetland conservation priorities:

Regional and Other Plans	Description
State of the Birds 2022	Ten of Tipping Point species addressed with project. Wading, shore, secretive marsh
Bird Conservation Region (BCR 31) Implementation Plan, 2017	
Florida State Wildlife Action Plan 2019	
ACJV Birds of Conservation Concern 2021	
ACJV Salt Marsh Bird Conservation Plan 2019	
ACJV Flagship Species program	
Black Rail Conservation Plan	
Atlantic Flyway Shorebird Initiative 2017	
Comprehensive Everglades Restoration Plan Project	Picayune Strand CERP project upstream
IRLNEP CCMP 2020	Acquire/manage impounds under RIM
Guide to the Saltmarsh Impoundments of Florida 1991	
Everglades National Park Foundation 2017	Document goal of improving existing water hydrology and quality in the Everglades system
IRL Blueway CARL List 1999	Tract 2 identified for acquisition under East Merritt Island Impoundments Sites
Florida Forever List 2001	Tract 2 identified for acquisition under Partnerships category
Fakahatchee Strand Preserve State Park Management Plan 2014	Enhancement of Dan House Prairie via hydrologic improvements such as ditch filling explicitly described

#### TECHNICAL ASSESSMENT QUESTION #4

How does the proposal relate to the national status and trends of wetlands types?

ACTIVITY AND TRACTS IN THE PROPOSAL	STATUS, TYPES, AND ACRES OF WETLANDS Note: Types subsidiary to types listed below have the same status.								UPLANDS	TOTAL
	DECREASING			STABLE			INCREASING	NO TREND DATA		
	PEM	PFO	E2Veg	E1	L	R	M2, PSS, PUB, E2US	PML, PRB, E2AB		
SECTION A										



Fee	50		15				3		4	72
ACQUIRED TOTAL	50		15				3		4	72
ENHANCED	843	115					40			998
TYPE TOTALS	893	115	15				43		4	1070
STATUS TOTALS	1023						43		4	1070
GRAND TOTALS	1066								4	1070
SECTION B										
Tract 1: Dan House Prairie Phase 1	843	115					40			998
Tract 2: Jefferson Tract	50		15				3		4	72

The proposal contains 4 acres of uplands as per the National Wetlands Inventory mapping products used to create the maps herein. The actual total is likely less than 4 acres as per the property appraisal conducted in June 2022. These uplands are disturbed areas such as dirt roads, berm, ruderal, and the perimeter dike which was historically wetlands until the wetland was impounded. The lack of substantial uplands on the property has precluded development on site and therefore provided the opportunity for acquisition. These existing upland features provide minor habitat value with ecotonal edges to the adjacent wetlands for foraging for some species and refugia during periods of high water.

#### TECHNICAL ASSESSMENT QUESTION #5

**How does the proposal contribute to long-term conservation of wetlands and associated uplands?**

ACTIVITY	ACRES BY LONGEVITY OF BENEFITS				TOTAL ACRES
	* Includes water control structures made of material other than wood. ** Includes wood water control structures and pumps.				
	PERPETUITY	*26-99	**10-25	< 10	
SECTION A					
Fee	72				72
TOTAL ACQUIRED	72				72
ENHANCED		998			998
TOTAL	72	998			1070
SECTION B					
Tract 1: Dan House Prairie Phase 1		998			998
Tract 2: Jefferson Tract	72				72

Provide a brief narrative describing the significance of the proposal to:

- How the project area and tracts might be affected by climate change and other changing environmental conditions within the next 30-50 years,
- How the activities proposed will address, in a resilient and adaptive manner, any effects caused by climate change and other changing environmental conditions.

#### TECHNICAL ASSESSMENT QUESTION #6

**How does the proposal contribute to the conservation of habitat for wetland associated, Federally listed or proposed endangered species; wetland dependent Species of Greatest Conservation Need (SGCN) from the appropriate State Wildlife Action Plan (SWAP); and other wetland-associated fish and wildlife that are specifically involved with the proposal?**

**A. Federally Threatened, Endangered, or Proposed candidate species:**

In the table below, answer the following:

- What species will utilize the proposal area?
- How will the proposal improve habitat quality?
- Importance of each tract or logical groupings of tracts in the proposal to the species.

Species	Explanation of Benefits
<b>Audubon's Crested Caracara</b> - Federal: Threatened	
<b>Everglade Snail Kite</b> - Federal: Endangered	
<b>Wood Stork</b> - Federal: Threatened	
<b>Eastern Black Rail</b> – Federal: Threatened, SCGN in FL	
<b>Southeastern American Kestrel</b> - Federal: Species of Concern	
<b>Florida Panther</b> - Federal: Endangered	
<b>American Crocodile</b> – Federal: Threatened	
<b>American Alligator</b> – Federal: Threatened	
<b>Florida Bonneted Bat</b> - Federal: Endangered	
<b>Florida Prairie Clover</b> - Federal: Endangered	
<b>Garber's Spurge</b> – Federal: Threatened	

**B. Wetland-dependent species of greatest conservation need (SGCN) from the appropriate State Wildlife Action Plan (SWAP):**

In the table below, answer the following for a MAXIMUM OF 10 Species: Do NOT list species listed in A, TAQ #1, or TAQ #2. The SWAP for each State can be found here: <https://www1.usgs.gov/csas/swap/index.html>

- What species will utilize the proposal?
- How will the proposal improve habitat quality?
- Importance of each tract or logical groupings of tracts in the proposal to the species.

Species	Explanation of Benefits
<b>Swallow-tailed Kite</b> - SWAP SSC	
<b>Wilson's Plover</b> - SWAP SSC	
<b>Limpkin</b> - SWAP SSC	
<b>Whimbrel</b> - SWAP SSC	
<b>Black Skimmer</b> - SWAP T	
<b>Willet</b> - SWAP SSC	
<b>White Ibis</b> - SWAP SSC	
<b>American Oystercatcher</b> - SWAP T	
<b>Bobolink</b> - SWAP SSC	
<b>Everglades mink</b> - SWAP T	

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**TECHNICAL ASSESSMENT QUESTION #7**

**How does the proposal satisfy the partnership purpose of the North American Wetlands Conservation Act?**

**A. Ratio of the Non-Federal Match to the Grant Request: 2:1**

**B. 10% Matching Partners: (1) Wetlands America Trust, Inc.**

**C. Partner Categories**

**State agencies:** Florida Department of Environmental Protection

**Non-governmental conservation organizations:** Wetlands America Trust, Inc., Ducks Unlimited, Inc.

**Local governments, counties or municipalities:** Brevard County

**Private landowners:** Vetterlein family

**Federal agencies:** USFWS

**D. Important Partnership Aspects (new grant recipient, significant new partners, unique partners, large numbers of partners under any category in C above, non-financial contributions):**

**E. Public Access:**

Fakahatchee Strand State Park is the largest of Florida's 175 state parks at 85,000 acres. It is home to 47 orchid, 38 fern, and 14 bromeliad species. The park is used extensively for hiking (including swamp walks), photography, fishing, paddling, biking, nature appreciation, and scientific research and all of these are available in the project area. The 998-acre project area is easily accessible via Well Grade Road to the east but will be closed during the estimated 9-month construction window and then fully reopened for traditional uses afterward. At Jefferson Tract, the 72-acre site is currently not open to the public as it is private land and will not be open to the public following acquisition. Most of the site is inaccessible mangrove marsh wetland with mucky soils and a perimeter ditch just inside of the existing dike. Other regional impoundments allow for public access along the perimeter dike and this practice remains possible should the private property at the dike entry access point be acquired in the future as a public property. Brevard County Mosquito Control District will have access to Jefferson Tract to manage the impoundment through this eastern private property via an agreement.

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## ATTACHMENTS

### Partner Contribution Letter Template:

Note: Begin each partner letter on a new page. Private landowner(s) partner contribution letter(s) need to be separate and not lumped to achieve the 10% match.

### NORTH AMERICAN WETLANDS CONSERVATION ACT PROPOSAL PARTNER CONTRIBUTION STATEMENT

**What is the title of the proposal that you are contributing to?**

**What is the name of your organization (private landowners/individuals indicate “Private”)?**

**When will you make the contribution?**

**What is the value of your contribution and how did you determine the value? Does the contribution have a non-Federal origin? If this is based on a fund-raising event or other future action, if that future action fails, will you still provide the contribution amount?**

**What long-term migratory bird and wetlands conservation work will the contribution cover?**

**Does the proposal correctly describe your contribution, especially the amount?**

**If applicable to the proposal, is your organization competent to hold title to, and manage, land acquired with grant funds and are you willing to apply a Notice of Grant Agreement or other recordable document to the property?**

**Please confirm that your contribution has not been used to meet any other federal programs match or cost share requirements.**

**Will the project benefit tribal hunting and fishing treaty rights and if so, how?  
Do you have any additional comments?**

**Signature:**

**Name (printed), Title, and Affiliation:**

**Date Signed:**

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### OPTIONAL MATCHING CONTRIBUTIONS PLAN

- What is the Match Plan Amount and Purpose?**

The Grantee DU and grant partner WAT request that \$19,558,075 of private match be kept eligible for future proposals. Due to the value of the sizeable donation (over \$25,000,000), there is far more match than required for the current proposal. Future proposals will help achieve the goals and objectives for the conservation of wetlands and associated uplands for migratory birds under the Atlantic Coast Joint Venture South Atlantic Migratory Bird Initiative (*SAMBI*) and the *North American Waterfowl Management Plan*, the *U.S. Shorebird Conservation Plan*, the *Partners in Flight*

*Landbird Conservation Plan* and the *North American Waterbird Conservation Plan*. The conservation goals of this match will be similar in scope to those presented in future proposals in that they would likely target the acquisition, protection, enhancement and restoration of additional conservation lands in the South Florida Ecosystem Wetlands project area on public and private lands. The Project Area includes waterfowl focus areas identified by the ACJV as well as focus areas for waterbirds, shorebirds, land birds and several important watersheds where opportunities for permanent protection, acquisition, restoration and enhancement are critical to over-wintering and migrating Atlantic Flyway waterfowl, other waterbirds and wetland dependent wildlife.

- **What is the Match Plan Intent?**

The additional match value lies in the donation of a conservation easement to WAT on 26,946 (26,837 acres net of intensive use areas) acres of wetlands and associated uplands known as the Deluca Preserve in Osceola County, Florida. It is likely that future NAWCA proposals in the project area will be submitted for further acquisition, restoration and enhancement projects. Match partner, WAT, desires to make this donation to support additional collaborative conservation efforts in the area as evidenced by their Partner Contribution Statement attached to this proposal.

- **What is the Match Plan Need?**

Finding conservation partners with substantial qualifying match to offer for a NAWCA grant proposal is difficult. DU and partners have the opportunity to provide an additional \$19,558,075 in match that will support at least nine future grant proposals that will have a significant positive impact on the conservation of critical wetland and upland habitats in peninsular Florida. If these funds are not protected via this Plan, then the partners will lose a valuable source of matching funds for key projects planned in the project area over the next few years. The eligibility of using this match for future NAWCA proposals expires within two years, and partners do not want to lose the ability to maximize the leverage of this match for future conservation efforts through NAWCA.

- **Is there a Match Plan Chart?**

Yes, below.

- **Where is the location of the MCP acquisition tract?**

The Deluca Preserve is located within Osceola County, Florida. (27.679028, -80.948717).

#### **OPTIONAL MATCHING CONTRIBUTION PLAN**

Match Plan Partner	Proposal I	Proposal II	Proposal III	Proposal IV	Current Proposal	Proposal VI	Proposal VII	Proposal VIII	Proposal IX	Proposal X	Total \$
WAT	\$1,683,410	\$3,658,515	\$100,000	\$693,137	\$4,243,897	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$6,621,041	\$25,000,000
Current Proposal Total	-	-	-	-	\$4,243,897	\$0	\$0	\$0	\$0	\$0	-
MCP Future Total		\$5,341,925	\$5,441,925	\$6,135,062	\$10,378,959	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$6,621,041	\$25,000,000

#### **STANDARD FORM-424 AND SF-424D**

(Does not apply to U.S. Fish and Wildlife Service and other Federal Agency applicants)  
Provide both SF-424 ([http://apply07.grants.gov/apply/forms/sample/SF424\\_2\\_1-V2.1.pdf](http://apply07.grants.gov/apply/forms/sample/SF424_2_1-V2.1.pdf)) and SF-424D Assurances for Construction (<http://apply07.grants.gov/apply/forms/sample/SF424D-V1.1.pdf>) forms.

#### **MAPS**

Provide project area and tract maps. See Proposal Instructions for more details.

## **PROPOSAL EASEMENT, LEASES, AND INDIRECT COST RATE AGREEMENT**

**Have you included the following?**

- **Copies of easements and leases**
- **Current approved negotiated indirect cost rate agreement**

DRAFT