



# *2025-2026 Handbook for Applicants Requesting Assistance from the “Uplands Program”*

*Communication • Coordination • Collaboration*

Upland Invasive Plant Management Program  
FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION

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# Introduction

## ***Florida's Upland Invasive Plant Management Program***

**History** • The 1997 Florida State Legislature charged the now Invasive Plant Management Section (at the time the Bureau of Invasive Plant Management in the Department of Environmental Protection) with the task of creating a program to bring invasive exotic upland plant species under maintenance control. The Upland Invasive Exotic Plant Management (Uplands) Program was established that same year.

Maintenance control is defined by the program as a method for the management of terrestrial invasive plant species in which control techniques are utilized in a coordinated manner on a continuous basis (maintenance rotation) to maintain plant populations at the lowest feasible level.

**Maintenance Rotations** • Maintenance rotation is defined as having a given area/acreage with invasive species infestations reduced to a level where no ecological harm will occur by skipping any treatment for a period of one- to several-years, depending on the species. Maintenance rotation is not necessarily synonymous with eradication, which is usually impractical to achieve

Maintenance rotation intervals for invasive plants vary greatly by species. Generally, woody species that form canopies will need a thorough initial treatment and a follow-up treatment the next growing season. Thereafter, the maintenance rotation treatment will need to follow seed germination and seedling/sapling regrowth patterns, with subsequent treatments being necessary every two- to ten-years, depending on initial infestation level, seed bank presence, and likely new dispersal into the area from neighboring populations of these species. Woody species that dominate the midstory will need a treatment regimen similar to those that form canopies, except the subsequent retreatment rotation would be every two- to five-years.

Herbaceous species that can affect the midstory and canopy, including vines, weak lianas, and climbing ferns need to be detected and treated as early as possible. These need to have an aggressive initial treatment, followed by yearly treatments, until the populations no longer affect the midstory. At this point, a two- to three-year rotation, with treatment as necessary, will keep these infestations in maintenance rotation.

Herbaceous and weakly woody species that only dominate the groundcover can be particularly challenging. This group is diverse, and includes species such as tropical soda apple, coral ardisia, Caesar weed, cogon grass, and Guinea grass. Rotation intervals vary from treatments once every two or three years (for coral ardisia), to annual treatments, to as many as four treatments in a growing season depending on the species. For this reason, rotation intervals for these species should be developed in coordination with the research available. Infestations requiring multiple treatments in a growing season should also be mapped individually, because their treatment plans may differ from the rest of the invasive plants in any given unit.

**Strategy** • The previous Uplands program goal to reduce infestations of invasive plants on public conservation land by fifty percent was achieved prior to 2020. Currently, maintenance control on public conservation lands is estimated to be at 74%. The remainder consists of newly acquired areas and areas with extreme access challenges.

The current long-term goal is to continue maintenance, where achieved, and to expand maintenance overall to 80% by 2030. While eradication of invasive species is the preferred goal, it is not reasonably attainable, except in rare situations. The Uplands Program Strategic Plan sets forth specific strategies to implement the program's long-term goal, including:

- ◊ Implement an integrated management program that uses chemical, mechanical, and biological control technologies, and modify procedures as appropriate to ensure the greatest protection for natural systems.
- ◊ Improve the general public's awareness of the threat to biodiversity from invasive plants by developing a comprehensive education and outreach program.
- ◊ Monitor the distribution of invasive plant species in real-time and rapidly respond to any early incursions where there is the potential for eradication.

**Funding** • The Uplands Program funds invasive plant control projects on public conservation land, based upon the recommendations from its eleven Regional Working Groups (*see map*, Appendix A). These regional priorities are melded into an efficient and cost-effective statewide control program.

To maximize operational funding of projects, the Uplands Program contracts with private vegetation management companies on a per-acre, lowest quote basis to perform work. The program also contracts on a limited basis with five other government agencies. No funds are granted to the managing agency; rather, all financial obligations are handled by the Uplands Program.

Funding for the program is provided as set forth in Section 369.252(4), Florida Statutes, which reads: "Use funds in the Invasive Plant Control Trust Fund as authorized by the Legislature for carrying out activities under this section on public lands. A minimum of 20 percent of the amount appropriated by the Legislature for invasive plant control from the Land Acquisition Trust Fund shall be used for the purpose of controlling nonnative, upland, invasive plant species on public lands." Total funding for the program in fiscal year 2024 was \$14.5 million.

**Results** • During its more than two decades of operation, the Uplands Program has spent \$277 million on 3,644 invasive plant control operations targeting 4.9 million acres of public conservation land. The program has assisted land managers on more than 710 federal, state, and local managed natural areas that comprise over 10 million acres, or 90% of all conservation land in the state.

Cooperating agencies contributed over \$82 million through matching funds and in-kind services for these projects. The Uplands Program also spent \$15 million on invasive plant surveys, research (primarily for biological controls), outreach, and other related activities.

# ***Project Proposal Process***

***The Uplands Program*** incorporates the fundamentals of ecosystem management by relying on the expertise of public land managers throughout the state to provide direction for available funding for upland invasive non-native plant control. The Regional Invasive Plant Working Groups bring together stakeholders in a geographic area for the purpose of combining expertise, energy, and resources to deal with common weed problems.

***Working Groups*** provide an open forum for expressing the concerns of land managers and an effective mechanism to address those concerns. The Uplands Program relies on the expertise within each working group to set regional invasive control priorities based upon severity and potential threat to public conservation lands in their area. The working groups accomplish this by reviewing and ranking proposals for funding invasive control projects. The Uplands Program established 11 regional working groups, encompassing all 67 counties, which are made up of over 500 members representing federal, state, and local government public conservation land managers across the state. Program working group liaisons are designated for each working group to facilitate proposal review and coordination with FWC IPM administrators.

***Site managers*** wishing to secure funding from the Uplands Program are encouraged to become a member of one of the working groups (see map, Appendix A). Each working group holds an annual meeting to review and rank all proposals submitted by their site managers. Working group liaisons create and distribute ranking criteria specific to their working groups that are used to evaluate and prioritize all submitted proposals. Project details pertaining to ranking criteria should be thoroughly explained to facilitate scoring of the proposal. Please be as clear and concise as possible and ensure your project proposal addresses ***ALL*** criteria. Project proposals are due to your working groups in the Spring. Check with your liaison regarding current due dates, ranking criteria, and working group meeting schedules.

***Minimum Program Criteria*** • For a proposal to be evaluated by a working group, it must meet the following three minimum eligibility criteria:

- i. ***Public Conservation Land (PCL) Qualification*** • Property is listed by the Florida Natural Areas Inventory (FNAI), or the land-use designation is legally restricted to management for conservation purposes.
- ii. ***Commitment to Maintain Site in Perpetuity*** • Managing agency can conduct maintenance treatments and has identified funding and labor source for follow-up treatments.
- iii. ***Target Plants*** • Must be FISC Category I or II ***and*** have established Current Control Technologies.

**Minimum Ranking Criteria** • Once proposals are deemed eligible, they are ranked according to seven established minimum ranking criteria. Additional criteria may be specified by working groups.

- i. *Restoration Plan for Native Plants* consists of either a planned and funded replanting, or the site is expected to revegetate from on-site species.
- ii. *Threatened, Endangered, or Rare Species or Habitats* are associated with the treatment site.
- iii. *Public Education Program* increases awareness of invasive plant issues. Proposal describes existing or planned projects, programs, literature, etc.
- iv. *Area Maintenance Plan* includes information such as maintenance rotation intervals, long-term treatment plan, Cooperative Invasive Species Management Area (CISMA) objectives for working with adjacent private landowners, etc.
- v. *Regional Criteria Issues* include any information that qualifies site for regional working group criteria, which can be obtained from the Working Group Liaison for your region.
- vi. *Commitment to Maintain Site in Perpetuity*; managing agency can conduct maintenance treatments and has identified funding and labor source for follow-up treatments
- vii. *Uplands Program Priorities* will be ranked by FWC during the ranking meeting and determined by reviewing your unit treatment histories.

## **2025 Program Priorities**

**PRIORITY 1** • Initial and up to three consecutive years of maintenance for *Lygodium* spp., cogon grass, *Scleria* EDRR spp. We know most projects have multiple invasives, but this priority must constitute most of the area footprints infestation: \$150,000 cap.

**PRIORITY 2** • Maintenance of a unit that is in a treatment rotation, and needs the next treatment rotation event in the upcoming fiscal year (Cover Class 2-3): \$150,000 cap.

**PRIORITY 3** • Initial control of most FISC 2023 Category I invasive plant species: \$150,000 cap. Initial means the first time a unit has been treated by anyone. Category II species might also be considered, on a case-by-case basis.

**PRIORITY 4** • Treatment of areas that were previously treated but maintenance was not kept up (Cover Class 4-7), or areas that have been treated and have low invasive densities that should be placed in rotation (Cover class 1-2): \$50,000 cap. Priority 4 proposals may not be funded if it is determined that the infestation level is too low for cost-effective contracted work, and/or could be safely delayed for a year or two, or could be managed by in-house staff if herbicides were provided.

**COST CAPS** are for FWC contributions only, not the total cost with match and in-kind.

Working groups may require a slide presentation, cost-sharing, or other information to be provided. Slide presentations, to be fair to all applicants and to better manage meeting times, should include only the eight slides shown in the Presentation Template (Appendix C). An example presentation is included in the appendix.

Project proposals will again be divided into three categories: *Large, Small, and Special*. Most proposals will be ranked in the “Large” (i.e., normal) category.

“Small” proposals recognize the educational value of smaller natural areas, which offer great opportunities to teach the public about invasive plant species, but do not always have the same conservation value as larger areas. Small proposals are ranked separately and must meet the required following ***Small Project Criteria***:

- ◊ Be designated as public conservation land.
- ◊ Be protected from future development (e.g., deed or easement restrictions).
- ◊ Be owned by a city, county, or public university.
- ◊ Contain less than 400 acres in its entirety, i.e., a discrete site, not a unit within a larger PCL managed by the same agency and/or cooperators.
- ◊ Have an estimated project cost that is (realistically) no more than \$50,000.

### ***Potential Ranking Criteria for Small Projects:***

- Project site contains an environmental education facility and/or program.
- Education program includes a curriculum featuring invasive plant identification, native plant alternatives, private landowner training for plant control, workdays or events that are geared toward increasing community involvement. [Example: Number of public outreach events scheduled for the proposal year.]
- Applicants record the number of participants in events (as opposed to total visitors) and can show a positive trend [i.e., an increased number of participants as a proxy for outreach effectiveness]. For example, hosting weekly school group visits would get a better score than hosting monthly visits.

Once working groups agree on their ranking for large and small proposals, the working group liaison enters each rank into the online Terrestrial Invasive Exotic Reporting System (TIERS).

“Special” projects include the Melaleuca Program, Early Detection and Rapid Response (EDRR), and work specifically requested by Uplands staff. These projects are not ranked by working groups. EDRR proposals will now be reviewed under specific criteria and from a statewide program priority view. To clarify when treatment funds may be available, proposals will pass through a decision tree. Most species are expected to meet the criteria of “manage” and will be assigned to the normal ranking process. Where applicable, a Special Project may be created for a species of high concern to the state. If you think you may require our assistance with a particular plant, please get in touch with us and we’ll talk it through.

**Standard Proposal Format** • All proposals are submitted through TIERS. Proposal information should be in text format before you start, to make cutting-and-pasting into the online forms easier.

Required information is shown under tabs: *Project, Location, Description, Maintenance, Specifications, Education, Regional Issues, and Budget*. Some information will pre-populate for you.

As may be required, you can upload a map with directions to the site for the pre-quote meeting, a treatment area map showing units and acreages, an Area Maintenance Plan, a Grass Management Plan, and your slide presentation. Species requiring multiple treatments per-year will require a grass/conditional species management plan, (see Appendix D).

Liaisons have access to all submitted proposals from their Working Group in TIERS, so they can download the slide presentations onto one computer for use at the ranking meeting. [Note: TIERS only allows PDF files, up to 5MB in size.]

A final tab checks your proposal for completeness. Once complete, TIERS will generate a Scope of Work (SOW) with your information, to be used for ranking by a working group. An edited version of the SOW also becomes an attachment to a Purchase Order, to indicate what work the Contractor is expected to accomplish.

TIERS requires user registration. If you are not registered, or need to change your information, or only do this once a year and have forgotten how it works, please e-mail either [John Kunzer](#) or [David McNeil](#) to receive your personalized instructions (changes may occur year to year).

## ***Clarifications***

In TIERS the treatment history table is for the **PROPOSED UNIT** in each scope of work to include year, unit, acres, funding source, species treated, funding amount, and whether it was initial or maintenance. PLEASE ONLY ADD ONE ENTRY PER UNIT PER YEAR, DO NOT SEPARATE BY SPECIES. PLEASE ONLY USE TRAVERSED ACRES, NOT INFESTED.

Proposals must submit a shapefile of the treatment area prior to the working group meeting, or a point will be subtracted from the final ranking. Send shapefiles to: [linda.king@myfwc.com](mailto:linda.king@myfwc.com), [michael.sowinski@myfwc.com](mailto:michael.sowinski@myfwc.com), and [John.kunzer@myfwc.com](mailto:John.kunzer@myfwc.com)

Unit descriptions should include *only* the acres of the unit to be treated. Please give a range of invasive plant coverage—plant growth can change before the contractors arrive on site; therefore, exact coverage acres should not be used to describe treatment areas. Please provide overall cover class, not separated by species.

Please provide an area map showing the current condition and a 2025/26 invasive plant maintenance plan (*see example next page following*).

Land managers may submit *multiple* scopes of work for a *single* public conservation land; e.g., *Lygodium* maintenance on burn unit 1, cogon maintenance on burn unit 2, etc. However, proposals including multiple PCLs managed by different agencies are not allowed—unless they are all contiguous and one designated Site Manager is responsible for overseeing the entire project.

***Second Treatment Scenarios*** • If your proposal includes treating a significant amount of cogon grass, *Scleria microcarpa*, *Scleria lacustris* or *Scleria eggersiana* write the SOW to include **two** treatments of the grass portions only. The two treatments are restricted to the first **three** consecutive years of treatment. A separate unit, called second treatment, will be made for the polygoned patches.

THE SECOND TREATMENT WILL BE FOR POLYGONED AREAS (patches greater than 0.25 acres) OF THE SPECIES IN QUESTION. THESE POLYGONS ARE REQUIRED BEFORE THE PROJECT CAN BE FUNDED, AND THEY WILL USUALLY BE SMALLER THAN THE MAIN TREATMENT AREA.

***Shapefiles*** • If funded, do not give contractors a shapefile or map; the final edited shapefiles and maps will be provided by FWC IPM staff when the Purchase Order is created.

# **Program Operational Process**

**IPMS Workplan** • Once all priority ranking lists have been received by program staff, the funding level for that year determines how many projects will be pursued. The liaison will be provided with a list of projects that will be funded. The workplan starts with funding all top-ranked projects and projects that require two treatment events and so on, until reaching the lowest priority that can be funded across all working groups.

The amount requested by the proposer is used as a guideline for funding. Actual quotes from Contractors may or may not reflect the requested amount, so the workplan is adjusted throughout the year. Many projects not originally funded may be funded throughout the year as funding is available.

**Site Visit** • Once the initial workplan is established, an IPMS representative will contact the site (or project) manager (hereafter “you”) to confirm the time, location, and directions to the site for the “pre- quote” meeting. Before a meeting is confirmed, you must provide a shapefile of the treatment area boundary. No project will move forward unless this required file is received. The pre-quote meeting is for the benefit of Contractors to review the site and work requirements and to clarify any issues or questions that arise during the visit. You may request up to two contractors to be invited to the pre-quote meeting. Program staff will then randomly select the remaining number of contractors to invite.

To ensure that this process proceeds efficiently, results in environmentally sound control activities, and concludes with an accurate quote by the Contractor, the following guidelines should be followed:

- ◊ Prior to the scheduled site visit, revisit the control site to verify that it is accessible, and the treatment boundaries are clearly identifiable.
- ◊ Double check your shapefile to make sure the unit does not contain areas that cannot be treated, i.e. large bodies of water or borders that are not on the management area. The Contractor will be given georeferenced pdf map, made by FWC using your shapefile to use on the pre-quote meeting.
- ◊ Plan on spending sufficient time with the Contractors so that they’re knowledgeable enough about your project to provide a reasonable quote.
- ◊ For the Contractor to provide the best service to you, they need to see:
  - the boundaries of the control site(s) and acreage.
  - typical and atypical terrain conditions and invasive plant densities.
  - all access points to the control site(s).
  - all areas/units to receive treatment.
  - any sensitive areas that should be avoided; and,
  - all targeted species to be controlled.

**Please do not discuss any previous project cost estimates or preliminary funding allocation amounts with Contractors.** We are, after all, trying to obtain quality cost-effective weed control services!

If your project contains a small amount of air potato, IPMS may remove it from the scope of work and request this species be treated in-house. Treatment timing for this species does not work with the State's fiscal-year timeline.

If any changes to the Scope of Work occur during the on-site inspection, the FWC representative will amend the SOW and send it back to the Contractors.

After the pre-quote meeting, the Contractors will submit quotes to IPMS. On the due date, the quotes will be opened, checked for validity, and the lowest quoted price identified. The low-quote Contractor will be contacted and offered the job.

**Purchase Order Process** • When a Contractor accepts a job, a Purchase Order (PO) is issued to them. Once the PO is uploaded into TIERS, you can view it online. You can also see the final SOW (not the proposal version) that the Contractor gets with the PO. The PO specifications state what the Contractor is required to accomplish and what is eligible for payment (down to the species to be treated and the total acres allowed). Any work not specifically described in the PO is not eligible for payment. So please do not ask the contractor to do "a little something extra" for you- unless you plan to pay them for it yourself.

IPMS will provide the final treatment area shapefile and georeferenced PDF map to the Contractor. Please do not give Contractors a shapefile, the one IPMS provides has been edited to match the PO.

**Control Operations** • Within 7 days of the PO being issued, the Contractor is required to contact you to set up a date and time to begin work. It is important for you to meet with the field crew when they arrive for the first time. It is possible that the Crew Chief Supervisor is not the representative who attended the site visit. Review site boundaries, target species, and any other site-specific conditions with the crew. Also, it is quite possible that the Contractor is from another region of the state and crew members may not be familiar with your specific target species. The same Ground Crew Supervisor must be on site while any work is being done and throughout the duration of the project. Any change of supervisor must be approved in advance by the Site Manager and Uplands staff.

The crew's work should be monitored frequently during the first few days and then as often as you deem appropriate. It is important to contact your Project Manager as soon as possible if you experience problems with how the treatment is conducted. History has proven that site managers who conduct frequent work inspections will get better results. The Uplands contract requires each crew member to carry a Garmin GPS unit to assist in tracking their progress and to identify potential sites to inspect. You can request GPS tracks on a weekly basis, or when the contractor submits Weekly Progress Reports (WPR) for approval through TIERS.

**Invoicing** • Site managers are required to approve the WPR and Completion of Work or Partial Payment Form before the Contractor can submit an invoice to FWC. WPRs are completed in TIERS by the Contractor. TIERS will then generate the appropriate form (COW or PPF) and send it to you. This means that the efficacy of the treatment will typically not be known at the time the invoice is submitted. Do NOT sit on an approval waiting to check the work first. Your “approval” is only an attestation that the crew was on the site and completed the treatment (based on GPS tracks) as described in the SOW. If you are unavailable to approve the forms, you must delegate the authority to someone else registered in TIERS and familiar with the project.

Site manager oversight of the contract is an integral component to the success of each project, as well as the success of the entire Uplands Program. Your cooperation is greatly appreciated. If you have any questions about the herbicide or rates listed on a WPR, please give us a call. 850.617.9430

**GIS Data** • Before the pre-quote meeting can take place, the site manager will be asked to provide a shapefile showing the treatment area boundary. Second treatments, such as for cogon grass or *Scleria* spp, require a separate shapefile showing just those areas. *Florida Natural Areas Inventory* is available to assist managers with digitizing these maps in ArcMap, QGIS, or Google Earth. Contact Ashley McKelvy at 586.770.4783, or at [amckelvy@fnai.fsu.edu](mailto:amckelvy@fnai.fsu.edu) for assistance.

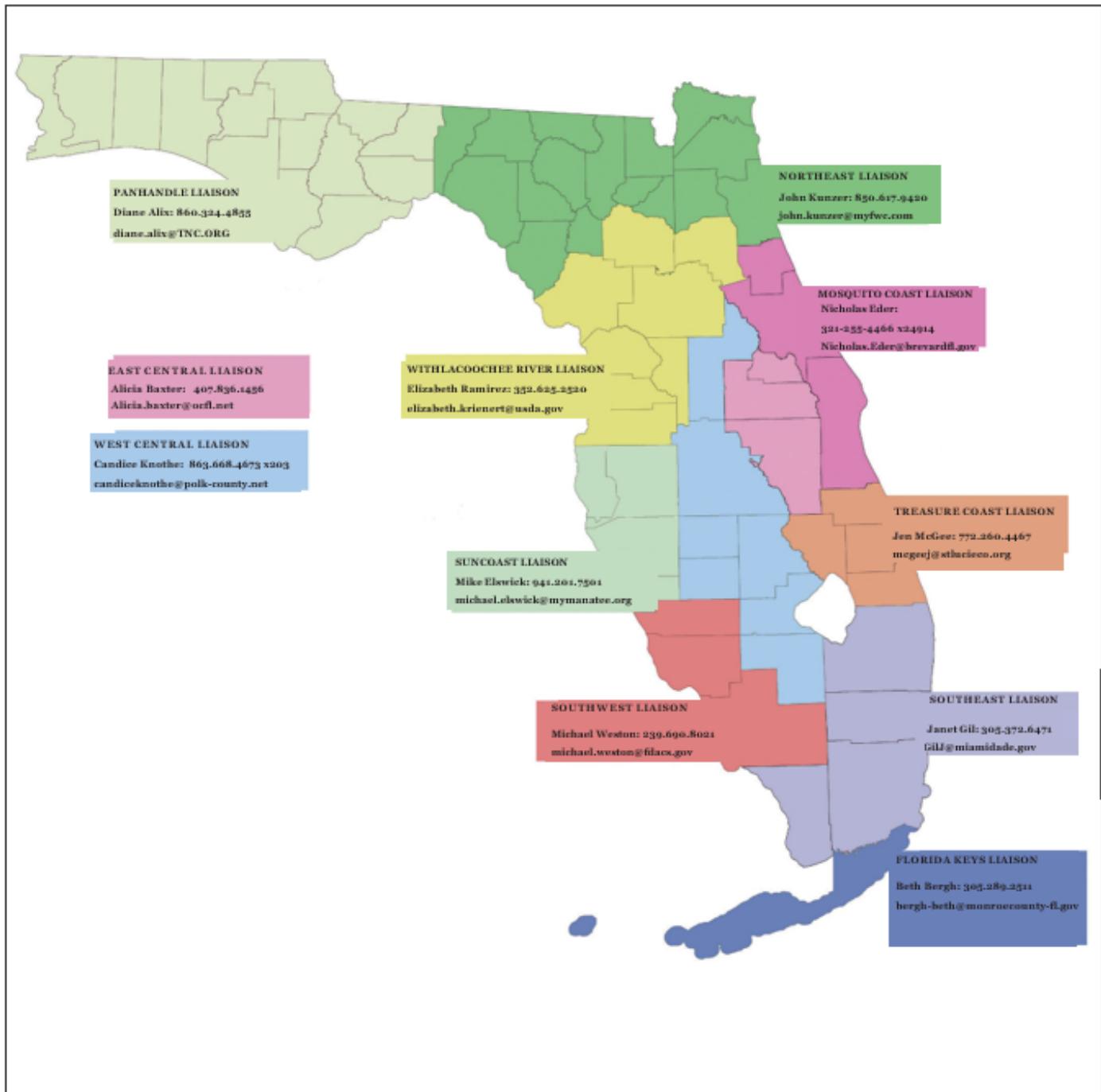
**Compliance** • Within thirty to sixty days after a treatment is completed, the site manager should inspect the site to ensure that 100% of the area was treated and that a 95% kill rate was achieved. Keep in mind that certain tree species may take three to four months to exhibit signs of dying. A percentage of projects are assigned to FNAI or an IPMS employee to conduct a compliance inspection. They will contact the site manager to schedule this inspection. The contractor is required to return and retreat the site to achieve 95% control and 100% coverage, as necessary. If control is still not achieved after retreatment, notify program staff immediately.

**Other Operational Programs** • There are two special services that operate outside of the working group process:

- ◊ *The Melaleuca Program:* If an applicant has a proposal to control **only** melaleuca, they will select the “Special” tab in TIERS. The project information entered is the same; however, only program staff will see the proposal.
- ◊ *The Herbicide Bank* provides chemicals at no charge to land managers who are conducting maintenance operations on public conservation land, regardless of who funded the initial control on the site. Specific eligibility and instructions are contained in the Herbicide Bank Handbook. For information about the herbicide bank contact David.McNiel@myfwc.com

# Appendix A. Working Groups Map

## UPLAND INVASIVE PLANT MANAGEMENT WORKING GROUP LIAISONS FY 2025-2026



# Appendix B. Example Scope of Work

## Project

### Project Information

Project Title : Blackwater SF John Doe Tract Exotics Fiscal  
Year : 2019-2020  
Project Category : Large Treatment  
Type : Maintenance

### Contact Information

Site Manager Contact Information	Secondary Contact Information
<p>First Name : Rick Last Name : Clark Address : 3800 Commonwealth BLVD City : Tallahassee State : FL Zip : 32399 Primary Phone : 850-617-9424 Email : rick.clark@myfwc.com</p>	<p>First Name : Jackie Last Name : Smith Address : 1234 Funny Farm Rd City : Two Eggs Omelet State : FL Zip : 32399 Primary Phone : 850-617-9430 Email id : jackie.smith@myfwc.com</p>

### Location

Managed Area : Blackwater River State Forest Total  
Acreage of Managed Area : 210,423  
Lead Agency : FL Dept. of Agriculture and Consumer Services, Florida Forest Service Regional  
Working Group : Panhandle

### Project Location

Blackwater River State Forest (BRSF) is the largest State Forest in Florida, with more than 210,000 acres of forests, rivers, and lakes. BRSF is located in the western panhandle of Florida in Okaloosa and Santa Rosa Counties (Exhibit A) and is named for the Blackwater River, which runs through the forest for approximately 30 miles. No one in their right mind would want to live here though, the mosquitoes will carry you off and don't get me started on the ticks. Good grief. When you hike this property you better wear a Hazmat suit and spray on every spray you can find with Deet in it. Afterwards, phone a friend or two to check you for ticks.

### Project Counties

County
Okaloosa
Santa Rosa

### Directions to Pre-bid Location

Directions to Blackwater Forestry Center. From the East: Take Interstate-10 to exit 56, SR-85/ Crestview. Turn right and drive north 1.7 miles on Ferdon Blvd. (SR-85) to US-90. Turn left and drive west on US-90 for 3.5 miles to SR-4. Turn right and drive north for 4.7 miles on SR-4 to Baker. Turn left and continue on SR-4 for 13.1 miles to CR-191 in Munson Community. Turn left and drive 0.2 miles to the Blackwater Forestry Center offices. From the West: Well, you figure it out. Ain't nobody got time to write down another set of directions when you'll just put the address in your iPhone and get Siri to guide you anyway. Call John Doe if you get lost (850-000-0000)

### Description

Managed Area : **Blackwater River State Forest**

### Habitat Description

If you type something in this box, it better be thorough and be sure to check yer spell'un. We don't like to read so we would prefer you fill in the table below. We paid good money for the fancy table and we might as well get our moneys worth.

### FNAI Natural Communities

Select	FNAI Natural Communities (%)			
	Unit	Hardwood Forested Uplands	High Pine and Scrub	Disturbed Lands
[ ]	John Doe Tract 1 80	10 %	80 %	10 %

# Example SOW

## Targeted Plants

cogon grass	Imperata cylindrica
Chinese or hedge privet	Ligustrum sinense
Japanese climbing fern	Lygodium japonicum

## Other Targeted Plants

## Unit Treatment History

Year	Acres	Unit	Agency	Species	Treatment Type	Amount
2016	50	John Doe Tract 1	FWC	lygodium, cogon, privet	Initial	\$50,000.00
2017	60	John Doe Tract 2	In House	cogon	Maintenance	\$25,000.00
2018	80	John Doe Tract 2	FWC	lygodium, cogon	Maintenance	\$80,000.00

## Unit Description

Treatment Unit (s)	Acreage	Cover class estimates, etc.
John Doe Tract 1	80	Cogon (Cover Class 4), Lygodium (Cover Class 3), Privet (Cover Class 1). Most of the cogon grass is located in the NW corner of the property. The other exotics are scattered throughout the tract. <b>Total Unit Cover Class 3.</b>
John Doe Tract 2	100	The only exotic on this tract is Lygodium (Cover Class 9). That mess is everywhere. The SE corner is completely covered, like some crazy Alfred Hitchcock film, "Under the Cover of Fern." Watch out for zombies. Call Linda if you see any.

Total Treatment Acres: 180.00

## Maintenance

### Current Fiscal Year Area Maintenance Plan

Take your time here and really explain your approach to treating exotics on your property. We need to see a plan that shows a systematic thoughtful approach to treatments, as well as, how you plan to rotate areas that are in good maintenance control. Something like: John Doe Tract 2 is in its 3rd year of invasive plant maintenance control. After this upcoming treatment year we feel that we can rotate this unit out for a year because it should be under a 0 - 5% exotic occurrence. We will follow up with any maintenance with in-house staff. John Doe Tract 1 will be an initial treatment. We've been avoiding this tract because of the Lock Ness Monster and the Werewolf sitting. We anticipate applying for funding for this tract for 3 consecutive years. We may get matching funds from Animal Planet for the upcoming reality show, Blackwater Werewolves- The Legend Lives. Be sure to MAKE A MAP that describes this plan and load it below. You can even throw in a waypoint for ol Nessy if you want.

### Restoration Plan for Native Plants

We know most of you don't have BIG plans to re-vegetate, but let us know if you do. I'm sure we'll do cartwheels if we see someone with funding for that. If you don't have big plans, put in some standard language about how you expect native plants to populate the area through seed dispersal, blah blah blah. Make it sounds good because your working group may score you on this.

### Funding and Labor Source for Follow-up Treatments

This is a biggie! Our goal is to do the heavy lifting 'killing exotics' on your property. Once we've done the hard part we want to see that you are working on ways to maintain your property without our help. Explain how you plan to use volunteers, use your own staff and the herbicide bank, how you plan to hire OPS staff, how you are applying for Ameri-Corps staff, etc... If you are applying for your 12th year of consecutive funding, you know we will be looking at your application with a 'side eye' or giving you that (dog hearing a strange noise) face. Make sure you have plans to treat low density stuff in-house and apply for funding in areas that really need our help.

## Specifications

### STANDARD Work Specifications

We've put in standard treatment language for the contractors that matches what we expect contractually.

### Equipment Considerations

I think that is pretty self explanatory. We expect to see information about ATV use, Swamp buggies, spray trucks, tractors, pogo sticks, skate boards, etc.... If they are only allowed to use a backpack sprayer mounted on a Tyrannosaurus Rex, put it here. We want to cover any equipment based issues in this box.

# Example SOW

## Other Requirements and Provisions

Be sure to cover any and all issues here. How gate keys will be provided, work time restrictions, where they mix herbicides, where they can store stuff, where they get water, etc... At many pre-quote meetings we realize this section is lacking and have to add everything the contractors needs to know. Spend some time on this.

## Threatened, etc. Species

IMPORTANT: FWC is ONLY concerned with T and E species that occur within the treatment units. I know the working groups may rank you on the T and E species that occur throughout your entire property, but we only want what occurs within the treatment unit. You need to explain how you will mark the species of concern or provide training to the contractor on what to avoid in that area. You can upload your full list of T and E species for ranking purposes on the next tab. Example: we have the rare Game of Thrones, Purple Dragon Orchid on the NE corner of John Doe Unit 1. We will flag the areas to avoid with Police Do Not Enter Tape and wrap the Orchid itself in L.E.D. Christmas Tree lights.

## Project Time Frame

Timing of the Treatment: Fall/Winter 2

treatments/cogon grass only  
 Yes  No

Does treatment date matter?  
 Yes  No

Can treatment occur on weekends? (Required)  
 Yes  No

can treatment occur outside of normal business hours? (Required)  
 Yes  No

Treatment cannot occur during these dates

Start Date	End Date
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## Education and Regional Issues

### Public Education Program

This is an area FWC removes when we turn it into a contract, but it is very important for the working groups and the ranking process. It is usually weighted heavily so make sure you go into detail on how your site provides Education. Signage, education centers, tours, hiking trails, kiosks, etc... Make sure to mention organized volunteer days like Air Potato Round-ups, Caesar Weed Pulling Contest, Tegu Lizard racing and python wrestling. :) If you do something that teaches the community about your natural area and its inhabitants make sure you write it here.

### Regional Criteria Issues

Please Upload

## Budget

### FWC Upland Invasive Exotic Control Program

Budget Justification Worksheet Total		
funds requested from FWC : \$55,000.00		
Method of Control : Contracted		
Source		Dollars
suu		\$45.00
<b>Total matching funds from project sponsor (A): <u>\$45.00</u></b>		

### In-kind Contribution

Category	Total Hours	Rate(\$/Hr)	Total in-kind value (\$)
supervisor hours	10	\$20.00	\$200.00

**Total in-kind value from project sponsor (B): \$200.00 Total matching and in-kind dollars (A+B): \$245.00**  
**Total funds requested from FWC (C): \$55,000.00**  
**Total cost of Project (A+B+C): \$55,245.00**

# Example SOW

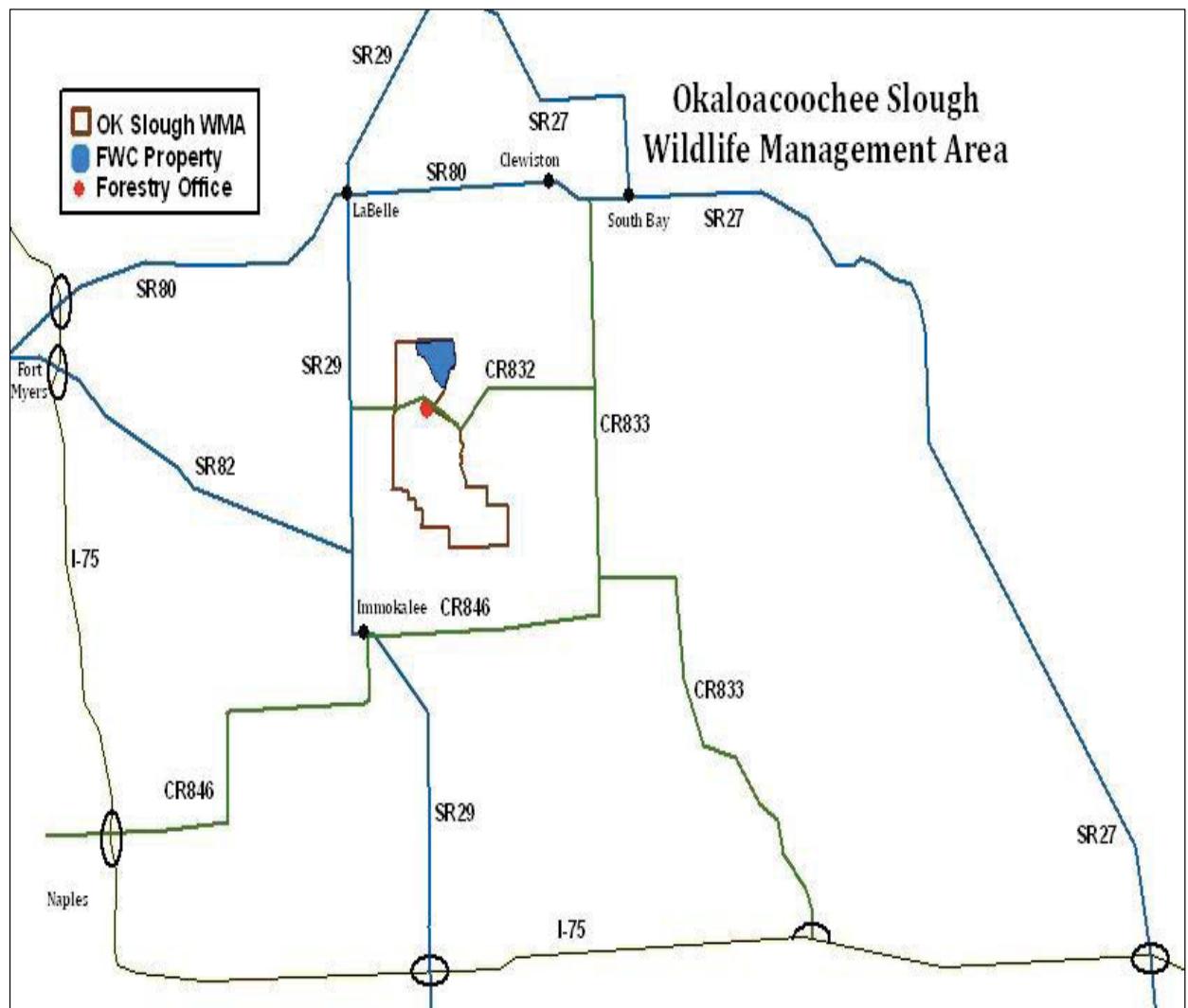
## Notes/Explanations

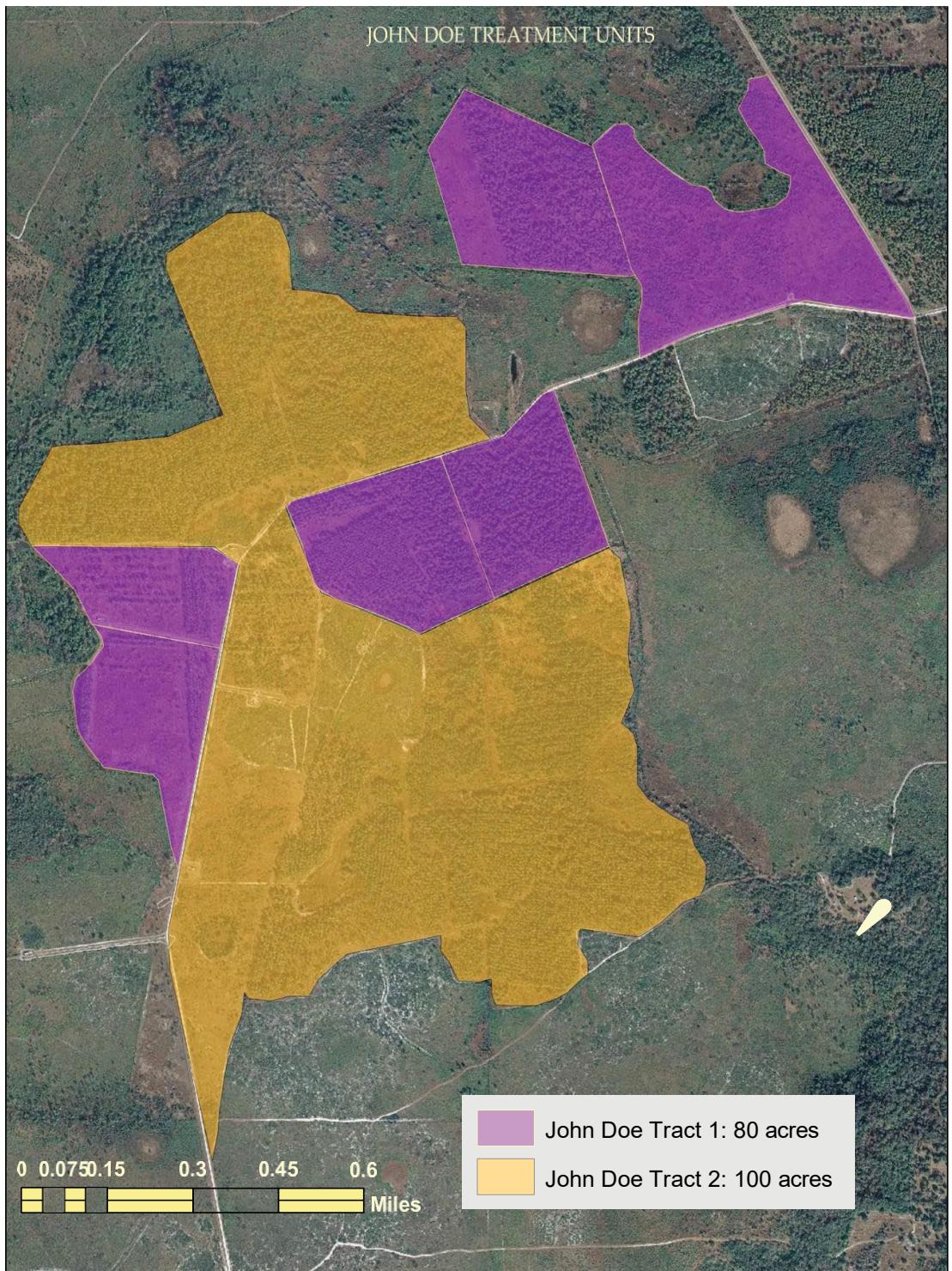
Information not provided

## Uploaded documents for the Proposal

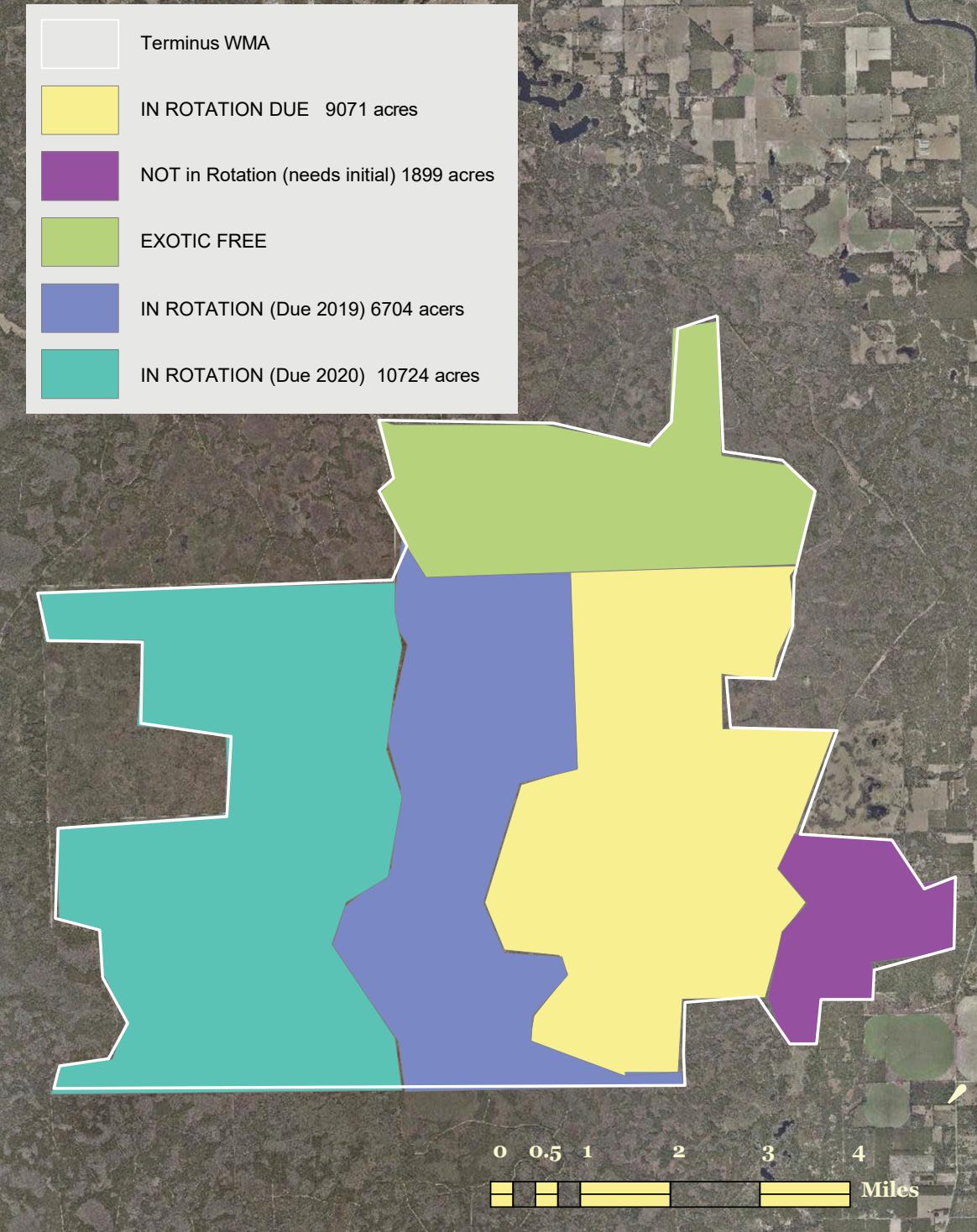
Document Name	Document Type	Description
Maintenance plan example.pdf	Area maintenance plan	Maintenance Plan
example slides for working group presentation 2015.pdf	Ranking meeting presentation	Example presentation
JohnDOE treatment units.pdf	Treatment area map	Treatment Units
prequote meeting location.pdf	Project location/proximity map	

EXAMPLE MAP: Pre-quote meeting location





**EXAMPLE**  
**TERMINUS WEA 2019/20 Exotic Treatment Plan**



# Example Ranking Criteria

## SWFL INVASIVE EXOTIC PLANT WORKING GROUP Ranking Criteria

1. FWC Invasive Plant Management Section (IPMS) Priorities. *Points can only be awarded for 1a, 1b, 1c, OR 1d.*

1a. \_\_\_\_\_ (5-40 pts) Is this project a **FWC Priority 1** project?

**40** = 100%-75% of project is comprised of FWC Priority 1 treatment

**30** = 74%-50% of project is comprised of FWC Priority 1 treatment

**10** = 49%-25% of project is comprised of FWC Priority 1 treatment

**5** = 24%-10% of project is comprised of FWC Priority 1 treatment

1b. \_\_\_\_\_ (2-20 pts) Is this project a **FWC Priority 2** project?

**20** = 100%-75% of project is comprised of FWC Priority 2 treatment

**15** = 74%-50% of project will contain FWC Priority 2 treatment

**5** = 49%-25% of project will contain FWC Priority 2 treatment

**2** = 24%-10% of project will contain FWC Priority 2 treatment

1c. \_\_\_\_\_ (8-10 pts) Is this project a **FWC Priority 3** project?

**10** = 100%-75% of project is comprised of FWC Priority 3 treatment

**8** = 74%-50% of project is comprised of FWC Priority 3 treatment

1d. \_\_\_\_\_ (5 pts) Is this project site a **FWC Priority 4** project?

**5** = 100%-75% of project is comprised of FWC Priority 4 treatment

2. \_\_\_\_\_ (10 pts) Is this a population of FISC Category I/Category II species new to the SWFL region and that could expand and cause greater problems in the future? **10** = Yes

3. \_\_\_\_\_ (1-10 pts) Are there currently matching funds available for this project? *Matching funds include both direct funding and in-kind funding (e.g. staff time, volunteers, other sources of labor, AmeriCorps).* Match can also include funds expended on invasive plant treatment on this PCL within the last year.

**10** = 100% match      **9** = 90% match      **8** = 80% match      **7** = 70% match      **6** = 60% match  
**5** = 50% match      **4** = 40% match      **3** = 30% match      **2** = 20% match      **1** = 10% match

4. \_\_\_\_\_ (1-6 pts) Have listed plant species been documented for this project site (not your entire property – just this project site)?

**6** = Five or more plants, or at least one more critically endangered endemic

**3** = Three or four plants

**1** = One or two listed plant species documented

5. \_\_\_\_\_ (1-3 pts) This project helps protect adjacent natural areas that have received FWC IPMS funding (*Choose only 1*)

**3** = Project site abuts another FWC IPMS funded natural area

**2** = Project site is within 1 mile of another FWC IPMS funded natural area

**1** = Project site is within 10 miles of another FWC IPMS funded natural area

6. \_\_\_\_\_ (3 pts) Does this project involve any partners who have not received FWC IPMS funding? (*This includes private or public landowners who are simultaneously treating exotics on properties that abut the project site.*) **3** = Yes

7. \_\_\_\_\_ (1-5 pts) Will exceptional ecological benefits be achieved by the project (e.g., *the work will increase species diversity or protect natural plant communities of local, regional, or statewide ecological significance*)? Presenters must make their case to be awarded these points.

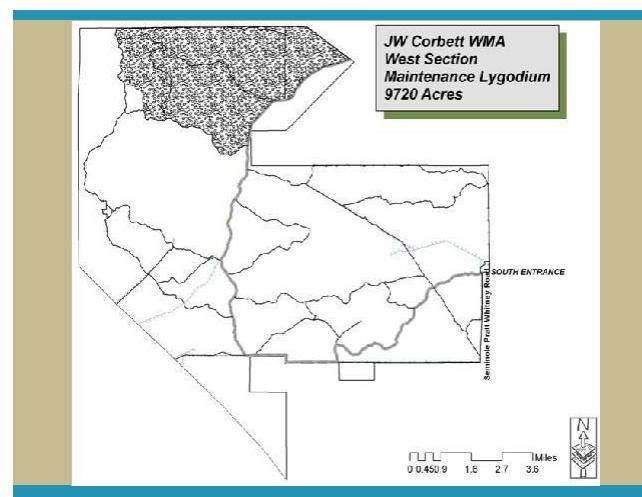
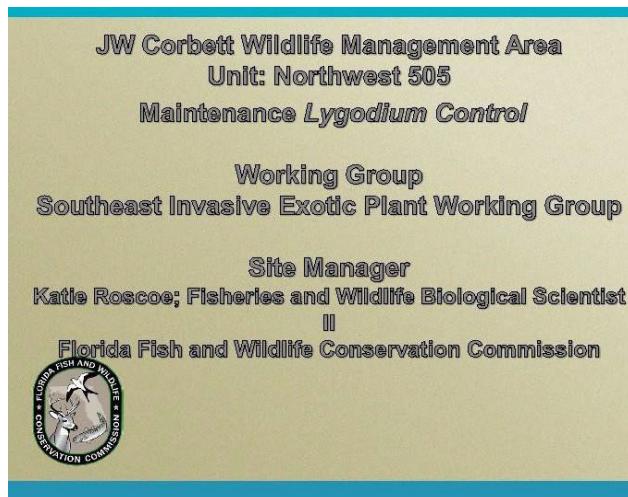
**Total (77 possible points)**

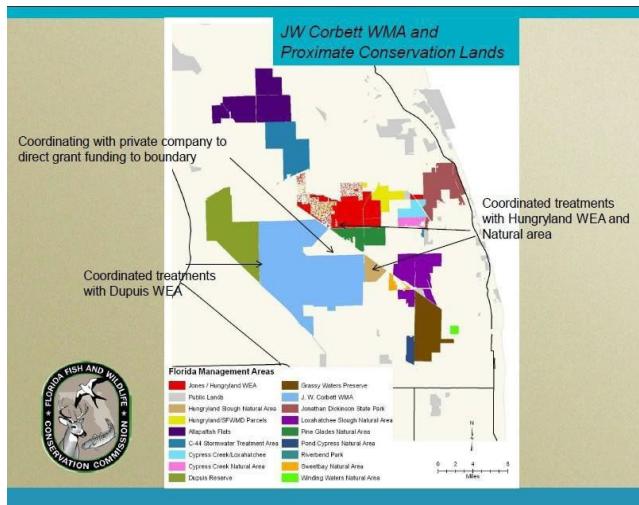
**Submitted by:**

**Agency:**

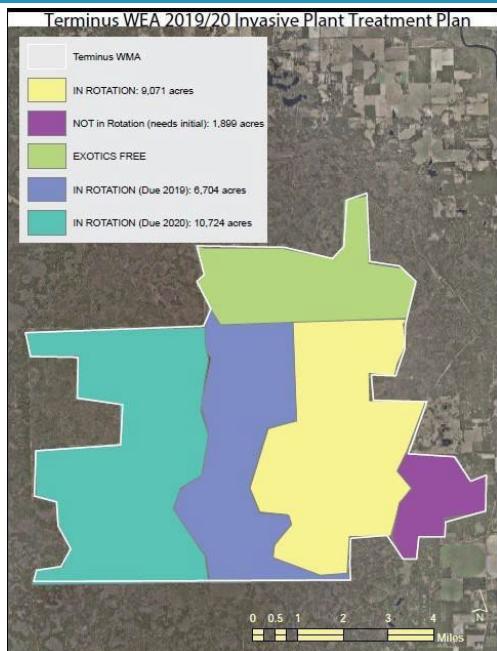
# Appendix C. Template and Example Slides

PRESENTATION TEMPLATE	
Slide	Contents
1	<b>Project Goals.</b> Include location and unit proposed, initial or maintenance treatment and targeted species.
2	<b>Map of conservation land proximity.</b> Highlight projects you've coordinated with adjacent landowners to treat invasive plants.
3	<b>Map of proposed units for funding.</b>
4	<b>Funding table for proposed treatment unit.</b>
5	<b>Area Maintenance Plan for 2019/20. [Updated Example Map]</b> Distinguish units that are currently due for maintenance, not due for maintenance, units in need of initial treatment (not in maintenance rotation), and units that are largely free of exotics. Feel free to add rotation intervals (time between treatment) and acres. This can be a difficult single slide to prepare depending on treatment history, data, and management complexity. Use more than one slide if necessary, but note this plan is for one year and will change.
6	<b>Education/Outreach; CISMA involvement</b>
7	<b>Threatened and endangered species</b>
8	<b>Regional Criteria</b>





YEAR	ACRES	AGENCY	SPECIES	AMOUNT
2006	3,513	FWC	Initial <i>Lygodium</i>	\$42,156
2007	9,720	IPMS	Initial <i>Melaleuca</i>	\$116,640
2007	9,720	FWC	Re-treat 3513 acres and Initial 6207 acres <i>Lygodium</i>	\$116,640
2008	9,720	IPMS	Retreat <i>Lygodium</i>	\$169,128
2009	9,720	FWC	Retreat <i>Lygodium</i> , <i>Melaleuca</i> and initial Java plum, cogon grass, Brazilian pepper, Australian pine, downy rose-myrtle, and earkleaf acacia	\$170,100
IPMS: \$285,768		FWC:	\$328,896	
TOTAL: \$614,664				



## Outreach and Education

• FWC has established numerous interpretive kiosks along the Hungryland Board Walk Trail which aid and inform visitors from native/exotic flora and fauna to historic information.

• Friends of Corbett holds yearly events such as the Corbett Clean-up so that volunteers can participate in area maintenance as well as provides useful information about the area including Exotic Treatment Efforts, Harvest Data, and helpful link <http://www.friendsofcorbett.com/>

• In an outreach effort Biologists also have mentored students from FAU to assist in graduate level work.

• Katie Roscoe attends CISMA meetings and James Ascaro attends work days



REGIONAL CRITERIA
Benefit or Enhancement of natural land and/or rare plant communities
The project area is in a hoodoo marsh, hoodoo forest and hyacinth hammock. This is not a rare plant community but it contains rare plants. Maintenance follow up treatments of these areas are important to keep plants like cinnamon vine, bushy beggar, tuberous beardtongue, or dotted and even-leaf from competing and fading out the native species in this area.
Connectivity of conservation area to other conservation lands
This property is adjacent to both a highway bisecting the two St. Johns River Water Management District Lake Jesup Conservation Areas. Matted Fall
Are Early Detection Rapid Response (EDRR) species present and being controlled within the project area?
The project area contains wild balsam apple, which is an EDRR species listed by the Central Florida CISMA. Noosa vine is located on the north side on private property and may be making its way to our boundary. Cinnamomum also invades the hyacinth hammock. Mature trees are scattered throughout the project site.
Is there a waterbody or undeveloped connectivity from your property to another public land?
The wilderness area is located next to Lake Jesup on the northwest shore, which is approximately 50% publicly owned.
Matching Funds/Link Services
The County will be contributing in kind services equaling 6% of total project costs.
Public Education Program
Public education is one third of the mission of the Natural Lands Program. The education program includes non-native plant removal and weeding trials on the property twice per year that are open to the public. The kiosk includes information on native and exotic species.
CISMA Involvement
Seminole County is actively involved in the Central Florida CISMA. Staff hold positions as co-chair and steering committee members (total of 3 County staff from Natural Lands and 2 from Extension). Staff also assist with organizing workshops, attendance, and represent the CISMA at outreach events.

## **Appendix D. Grass Management and Conditional Species**

One thing we have learned about managing invasive plants is that cogon grass is NOT an outlier in difficulty of management. It may likely be easier to manage cogon grass than Guinea grass, or rose Natal grass, or most other invasive grasses. We have learned that treating grasses *once* a year is a recipe for perpetual crisis management. To make significant progress on managing invasive grass species, several (typically 3-4) treatments need to be conducted each year. Treatment methods can and should include a regimen of prescribed fire or mowing, depending on what the site conditions allow. The Uplands Program does not have the financial or logistical ability to pay contractors to treat multiple times a year, so it is imperative that Site Managers work with us to tackle the problem together. Species with a “C” after the scientific name will be treated **only** on a conditional basis. Such conditions include the preparation of a Grass Management Plan, or an in-house management plan for treating these species multiple times within a year, or a one-time request for initial treatment by the program, with the managing agency being responsible for all future maintenance. *Any species* that would otherwise be treatable might not be treated in any given year, due to program funding constraints or the priority needs of a treatment area. For example, if the proposal includes Brazilian pepper and 30 other species, we might only fund the pepper work.

<b>Scientific Name</b>	<b>Common Name</b>	<b>Family</b>
<i>Abrus precatorius</i>	ROSARY PEA	FABACEAE
<i>Acacia auriculiformis</i>	EARLEAF ACACIA	FABACEAE
<i>Adenanthera pavonina</i>	RED SANDALWOOD	FABACEAE
<i>Agave sisalana</i>	SISAL HEMP	AGAVACEAE
<i>Albizia julibrissin</i>	MIMOSA	FABACEAE
<i>Albizia lebbeck</i>	WOMAN'S TONGUE	FABACEAE
<i>Aleurites fordii</i>	TUNGOIL TREE	EUPHORBIACEAE
<i>Alstonia macrophylla</i>	DEVIL TREE	APOCYNACEAE
<i>Antigonon leptopus</i> C	CORALVINE; QUEEN'S JEWELS	POLYGONACEAE
<i>Ardisia crenata</i>	SCRATCH THROAT	MYRSINACEAE
<i>Ardisia elliptica</i>	SHOEBUTTON ARDISIA	MYRSINACEAE
<i>Ardisia japonica</i>	JAPANESE ARDISIA	MYRSINACEAE
<i>Aristolochia elegans</i> C	CALICO FLOWER	ARISTOLOCHIACEAE
<i>Asparagus aethiopicus</i>	SPRENGER'S ASPARAGUS-FERN	ASPARAGACEAE
<i>Asystasia gangetica</i> C	CHINESE VIOLET	ACANTHACEAE
<i>Bauhinia variegata</i>	ORCHID TREE	FABACEAE
<i>Begonia cucullata</i>	WAX BEGONIA	BEGONIACEAE

Scientific Name	Common Name	Family
<i>Bischofia javanica</i>	JAVANESE BISHOPWOOD	PHYLLANTHACEAE
<i>Broussonetia papyrifera</i>	PAPER MULBERRY	MORACEAE
<i>Bruguiera gymnorhiza</i> C	LARGE-LEAFED ORANGE MANGROVE	RHIZOPHORACEAE
<i>Callisia fragrans</i> C	BASKET PLANT	COMMELINACEAE
<i>Calophyllum inophyllum</i>	ANTILLES CALOPHYLLUM	CLusiaceae
<i>Casuarina cunninghamiana</i>	RIVER SHE-OAK	CASUARINACEAE
<i>Casuarina equisetifolia</i>	AUSTRALIAN-PINE	CASUARINACEAE
<i>Casuarina glauca</i>	SUCKERING AUSTRALIAN-PINE	CASUARINACEAE
<i>Cecropia palmata</i>	TRUMPET TREE	CECROPIACEAE
<i>Cestrum diurnum</i>	DAYFLOWERING JESSAMINE	SOLANACEAE
<i>Chamaedorea seifrizii</i>	BAMBOO PALM	ARECACEAE
<i>Cinnamomum camphora</i>	CAMPHOR TREE	LAURACEAE
<i>Clematis terniflora</i>	SWEET AUTUMN CLEMATIS	RANUNCULACEAE
<i>Cocos nucifera</i>	COCONUT PALM	ARECACEAE
<i>Colocasia esculenta</i> C	WILD TARO	ARACEAE
<i>Colubrina asiatica</i>	LATHERLEAF	RHAMNACEAE
<i>Cryptostegia madagascariensis</i> C	MADAGASCAR RUBBERVINE	APOCYNACEAE
<i>Cupaniopsis anacardiooides</i>	CARROTWOOD	SAPINDACEAE
<i>Cyperus involucratus</i> C	UMBRELLA PLANT	CYPERACEAE
<i>Cyperus prolifer</i> C	DWARF PAPYRUS	CYPERACEAE
<i>Dactyloctenium aegyptium</i> C	CROWFOOT GRASS	POACEAE
<i>Dalbergia sissoo</i>	INDIAN ROSEWOOD	FABACEAE
<i>Deparia petersenii</i>	JAPANESE FALSE SPLEENWORT	DRYOPTERIDACEAE
<i>Dioscorea alata</i>	WHITE YAM	DIOSCOREACEAE
<i>Dioscorea bulbifera</i>	AIR-POTATO	DIOSCOREACEAE
<i>Dolichandra unguis-cati</i> C	CATCLAW VINE	BIGNONIACEAE
<i>Elaeagnus pungens</i>	SILVERTHORN	ELAEAGNACEAE
<i>Eugenia uniflora</i>	SURINAM CHERRY	MYRTACEAE
<i>Ficus altissima</i>	COUNCIL TREE	MORACEAE
<i>Ficus microcarpa</i>	INDIAN LAUREL	MORACEAE
<i>Flacourtia indica</i>	GOVERNOR'S PLUM	SALICACEAE
<i>Flueggea virosa</i> ssp. <i>melanthesoides</i>	SIMPLELEAF BUSHWEED	PHYLLANTHACEAE
<i>Hemarthria altissima</i> C	LIMPO GRASS	POACEAE
<i>Heteropterys brachiate</i> C	BEECHEY'S WITHE	MALPIGHIACEAE
<i>Hymenachne amplexicaulis</i> C	WEST INDIAN MARSH GRASS	POACEAE
<i>Hyparrhenia rufa</i> C	JARAGUA	POACEAE
<i>Imperata cylindrica</i>	COGON GRASS	POACEAE
<i>Jasminum dichotomum</i>	GOLD COAST JASMINE	OLEACEAE
<i>Jasminum fluminense</i>	BRAZILIAN JASMINE	OLEACEAE
<i>Kalanchoe pinnata</i> C	CATHEDRAL BELLS; LIFEPLANT	CRASSULACEAE

Scientific Name	Common Name	Family
<i>Kalanchoe x houghtonii</i> C	MOTHER-OF-MILLIONS	CRASSULACEAE
<i>Koelreuteria elegans</i> ssp. <i>formosana</i>	FLAMEGOLD	SAPINDACEAE
<i>Lantana camara</i>	LANTANA	VERBENACEAE
<i>Leucaena leucocephala</i>	WHITE LEAD TREE	FABACEAE
<i>Ligustrum japonicum</i>	JAPANESEPRIVET	OLEACEAE
<i>Ligustrum lucidum</i>	GLOSSY PRIVET	OLEACEAE
<i>Ligustrum sinense</i>	CHINESE PRIVET	OLEACEAE
<i>Livistona chinensis</i>	CHINESE FAN PALM	ARECACEAE
<i>Lonicera japonica</i>	JAPANESE HONEYSUCKLE	CAPRIFOLIACEAE
<i>Ludwigia peruviana</i> C	PERUVIAN PRIMROSE WILLOW	ONAGRACEAE
<i>Lumnitzera racemosa</i> C	BLACK MANGROVE	COMBRETACEAE
<i>Lygodium japonicum</i>	JAPANESE CLIMBING FERN	SCHIZAEACEAE
<i>Lygodium microphyllum</i>	SMALL-LEAF CLIMBING FERN	SCHIZAEACEAE
<i>Manilkara zapota</i>	SAPODILLA	SAPOTACEAE
<i>Melaleuca quinquenervia</i>	PUNK TREE	MYRTACEAE
<i>Melaleuca viminalis</i> C	BOTTLEBRUSH	MYRTACEAE
<i>Melia azedarach</i>	CHINABERRY TREE	MELIACEAE
<i>Melinis minutiflora</i> C	MOLASSES GRASS	POACEAE
<i>Melinis repens</i> C	ROSE NATAL GRASS	POACEAE
<i>Microsorum grossum</i>	WART FERN	POLYPODIACEAE
<i>Microstegium vimineum</i> C	NEPALESE BROWNTOP	POACEAE
<i>Mikania micrantha</i>	MILE-A-MINUTE	ASTERACEAE
<i>Mimosa pigra</i>	BLACK MIMOSA	FABACEAE
<i>Momordica charantia</i> C	BALSAM PEAR	CUCURBITACEAE
<i>Murraya paniculata</i>	ORANGE JESSAMINE	RUTACEAE
<i>Nandina domestica</i>	HEAVENLY BAMBOO	BERBERIDACEAE
<i>Nephrolepis brownii</i>	ASIAN SWORDFERN	NEPHROLEPIDACEAE
<i>Nephrolepis cordifolia</i>	TUBEROUS SWORDFERN	NEPHROLEPIDACEAE
<i>Neyraudia reynaudiana</i> C	BURMA REED	POACEAE
<i>Paederia cruddasiana</i>	SEWER VINE	RUBIACEAE
<i>Paederia foetida</i>	SKUNK VINE	RUBIACEAE
<i>Panicum repens</i> C	TORPEDO GRASS	POACEAE
<i>Passiflora biflora</i>	TWOLOBE PASSIONFLOWER	PASSIFLORACEAE
<i>Pennisetum polystachion</i> C	MISSION GRASS	POACEAE
<i>Pennisetum purpureum</i> C	ELEPHANT GRASS; NAPIER GRASS	POACEAE
<i>Pennisetum setaceum</i> C	FOUNTAIN GRASS	POACEAE
<i>Phoenix reclinata</i>	SENEGAL DATE PALM	ARECACEAE
<i>Phyllostachys aurea</i>	GOLDEN BAMBOO	POACEAE
<i>Platycerium bifurcatum</i> C	STAGHORN FERN	POLYPODIACEAE
<i>Praxelis clematidea</i>	CLEARWEED	ASTERACEAE

Scientific Name	Common Name	Family
<i>Psidium cattleianum</i>	STRAWBERRY GUAVA	MYRTACEAE
<i>Psidium guajava</i>	GUAVA	MYRTACEAE
<i>Pteris vittata</i>	CHINESE LADDER BRAKE	PTERIDACEAE
<i>Ptychosperma elegans</i>	SOLITAIRE PALM	ARECACEAE
<i>Pueraria montana</i> var. <i>lobata</i>	KUDZU	FABACEAE
<i>Rhodomyrtus tomentosa</i>	ROSE MYRTLE	MYRTACEAE
<i>Ricinus communis</i>	CASTORBEAN	EUPHORBIACEAE
<i>Ruellia simplex</i>	MEXICAN PETUNIA	ACANTHACEAE
<i>Scaevola taccada</i>	BEACH NAUPAKA	GOODENIACEAE
<i>Schefflera actinophylla</i>	AUSTRALIAN UMBRELLA TREE	ARALIACEAE
<i>Schinus terebinthifolia</i>	BRAZILIAN PEPPER	ANACARDIACEAE
<i>Scleria lacustris</i>	WRIGHT'S NUTRUSH	CYPERACEAE
<i>Senna pendula</i> var. <i>glabrata</i>	VALAMUERTO	FABACEAE
<i>Sesbania punicea</i> C	RATTLEBOX	FABACEAE
<i>Sida planicaulis</i>	MATAPASTO	MALVACEAE
<i>Solanum diphyllum</i> C	TWOLEAF NIGHTSHADE	SOLANACEAE
<i>Solanum tampicense</i>	AQUATIC SODA APPLE	SOLANACEAE
<i>Solanum torvum</i> C	TURKEYBERRY	SOLANACEAE
<i>Solanum viarum</i>	TROPICAL SODA APPLE	SOLANACEAE
<i>Sphagneticola trilobata</i> C	CREEPING OXEYE; WEDELIA	ASTERACEAE
<i>Syagrus romanzoffiana</i>	QUEEN PALM	ARECACEAE
<i>Syzygium cumini</i>	JAVAPLUM	MYRTACEAE
<i>Syzygium jambos</i>	MALABAR PLUM	MYRTACEAE
<i>Talipariti tiliaceum</i>	SEA HIBISCUS	MALVACEAE
<i>Tectaria incisa</i>	INCISED HALBERD FERN	DRYOPTERIDACEAE
<i>Terminalia catappa</i>	WEST INDIAN ALMOND	COMBRETACEAE
<i>Terminalia muelleri</i>	AUSTRALIAN ALMOND	COMBRETACEAE
<i>Thelypteris opulenta</i>	JEWELLED MAIDENFERN	THELYPTERIDACEAE
<i>Thespesia populnea</i>	PORTIA TREE	MALVACEAE
<i>Tradescantia fluminensis</i>	SMALL-LEAF SPIDERWORT	COMMELINACEAE
<i>Triadica sebifera</i>	CHINESE TALLOW	EUPHORBIACEAE
<i>Tribulus cistoides</i>	JAMAICAN FEVERPLANT	ZYGOPHYLLACEAE
<i>Urena lobata</i> C	CAESARWEED	MALVACEAE
<i>Urochloa maxima</i> C	GUINEA GRASS	POACEAE
<i>Urochloa mutica</i> C	PARA GRASS	POACEAE
<i>Vitex rotundifolia</i>	BEACH VITEX	LAMIACEAE
<i>Vitex trifolia</i>	SIMPLELEAF CHASTETREE	LAMIACEAE
<i>Washingtonia robusta</i>	WASHINGTON FAN PALM	ARECACEAE
<i>Wisteria sinensis</i>	CHINESE WISTERIA	FABACEAE

## **Appendix E. Step-By-Step Guide for Site Managers to Approve WPR - COW - PPF in TIERS**

Log into TIERS and choose the correct fiscal year.

Click on “Review Weekly Progress Report” **DOTTED ARROW** to find your approved & pending WPRs

Welcome FWC\David.McNeil

Logout Home

Switch to AQUATICS

Create Project Proposal

View All PO

Review Weekly Progress Report **DOTTED ARROW**

Review COW/Partial Pay

WMA Invoices

Contact Us

**Weekly Progress Reports**

Fiscal Year : 2024-2025

Working Group : --Select from List--

Total Records : 1

Task No	Scope Of Work	PO Number	PO Status	Approved/Pending WPR	Add/View WPR
PH-235	Apalachicola National Forest	C466A9	Open	5 / 0	<a href="#">View WPRs</a>

Monitor the Approved/Pending column to see if you have any WPR's pending. **DASHED ARROW**

In this example, we can click “View WPRs” **SOLID ARROW** to review the 5 approved WPRs:

**Weekly Progress Reports**

**Purchase Order :** C466A9

**Managed Area :** PH-235-Apalachicola National Forest

**Status : Open ( Current PO ) Version : Original PO**

Work Dates	Unit Name	Status	Edit
10/15/2024	First Treatment	Invoiced	<a href="#">View</a>
10/19/2024	First Treatment	Invoiced	<a href="#">View</a>
10/21/2024	First Treatment	Invoiced	<a href="#">View</a>
10/26/2024	First Treatment	Invoiced	<a href="#">View</a>
10/28/2024	First Treatment	Invoiced	<a href="#">View</a>
11/02/2024	First Treatment	Invoiced	<a href="#">View</a>
11/04/2024	First Treatment	Invoiced	<a href="#">View</a>
11/09/2024	First Treatment	Invoiced	<a href="#">View</a>
11/12/2024	First Treatment	Invoiced	<a href="#">View</a>
11/16/2024	First Treatment	Invoiced	<a href="#">View</a>

[Back](#)

These WPRs have been approved, COWs have been accepted, and the contractor has invoiced.

Welcome FWC\David.McNeil

Logout Home

Switch to AQUATICS

Create Project Proposal

View All PO

Review Weekly Progress Report

Review COW/Partial Pay **DOTTED ARROW**

**Manage Completion Of Work/Partial Pay**

Fiscal Year : 2024-2025

Working Group : --Select from List--

Total Records : 1

Task No	Scope Of Work / Contractor	PO Number	Status	View/Approve
PH-235	Apalachicola National Forest Progressive Solutions, LLC	C466A9	Accepted by FWC	<a href="#">Completion Of Work View</a>

In another example project, we have several Pending WPRs.

The (2) indicates they have been awaiting approval for 2 days.

**Weekly Progress Reports**

**Purchase Order : C45E85**  
**Managed Area : EC-031-Tosohatchee Wildlife Management Area**

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**Status : Open ( Current PO ) Version : Original PO**

Work Dates	Unit Name	Status	Edit
01/06/2025	second cogon grass , SR50	At Site Manager (2)	<a href="#">Needs Approval</a>
01/10/2025			
01/20/2025	Gasline	At Site Manager (2)	<a href="#">Needs Approval</a>
01/24/2025			
01/13/2025	Gasline, second cogon grass	At Site Manager (2)	<a href="#">Needs Approval</a>
01/17/2025			

[Back](#)



Click the **Needs Approval** link to review a WPR. DASHED ARROW

Review the dates, unit name(s), species and herbicide application details **SOLID ARROWS**,

Next, Approve **DASHED ARROW** or Decline **DOTTED ARROW**.

If you have questions about herbicide usage, please contact IPMS. If you decline, please fill out the comment box so the contractor knows why you've declined the WPR!!

### Weekly Progress Reports

**Project Name :**

EC-031/Tosohatchee WMA 4-YR: 2024/25 - 2027/28

**Work Week Dates :**

01/20/2025



01/24/2025



Supervisor(s) must document their Restricted Pesticide Certification Number with their name.

**Certified Applicator Name**

Jason Harrell

**FDACS#**

CM21658

**Managing Agency Name :**

Tosohatchee Wildlife Management Area

**Purchase or Work Order :**

C45E85

Supervisor(s) must document their Restricted Pesticide Certification Number with their name.

**Certified Applicator Name**

Brandon Rocco

**FDACS#**

CM26253

**Total Supervisor Hours**

100

**Certified Applicator Name**

Total Number Crew/Hours

23

/ 1150

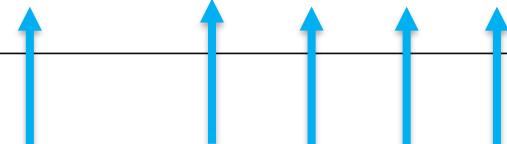
COVER CLASS | RANGE(%) : 1) &lt;1% 2) 1-5% 3) 6-25% 4) 26-50% 5) 51-75% 6) 76-95% 7) 95-100%

**Unit Name :** --select Unit--**Add Unit Details**

### Unit Mix Details

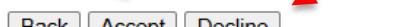
**Gasline** Acres : **450.00**

<b>Control Method</b>	<b>Species/Cover Class</b>	<b>Quadrant</b>	<b>Mix</b>	<b>Herbicide/Adjuvant</b>	<b>Trade Name</b>	<b>Gal</b>	<b>Rate</b>	<b>Total Applied</b>
Foliar	cogon grass (3), Old World climbing fern (3), sword fern (3)		1	Glyphosate (H)	Roundup Custom	27.450	3.000	915.000
			1	sticker/binder (A)	N/A	4.575	0.500	915.000
			1	dye (A)	N/A	4.575	0.500	915.000
			1	Imazapyr (H)	Polaris	4.575	0.500	915.000

**Notes :**

Contractor's Comment :

Comment :

**I hereby acknowledge that the data presented in this form is sufficiently accurate for the purpose intended;****Contractor Representative :** **Print Name :** Amanda Watts**Site Manager :** **Print Name :****Back****Accept****Decline**

Once the contractor has reached the project end – or has hit an agreed-to Partial Payment point, it is time to submit the Completion of Work (COW)

Click on the Completion of Work / Partial Pay link **DASHED ARROW**



Welcome FWC\David.McNeil  
Logout Home

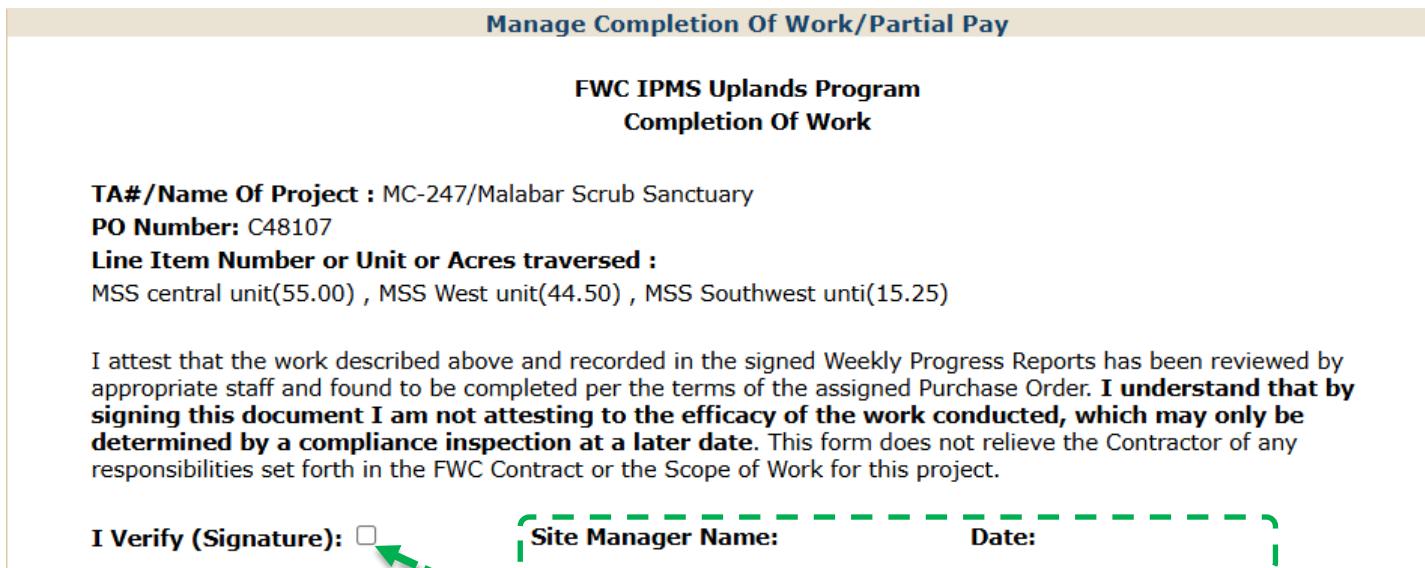
Switch to AQUATICS

Create Project Proposal  
View All PO  
Review Weekly Progress Report  
Review COW/Partial Pay  
WMA Invoices  
Contact Us

Total Records :5

Task No	Scope Of Work / Contractor	PO Number	Status	View/Approve
MC-245	<b>Merritt Island National Wildlife Refuge</b> Earth Balance Corporation	C3FA11	Accepted by FWC	Partial Pay <a href="#">View</a>
MC-246	<b>Archie Carr National Wildlife Refuge</b> Environmental Quality	C48499	Accepted by FWC	Completion Of Work <a href="#">View</a>
MC-247	<b>Malabar Scrub Sanctuary</b> progressive Solutions, LLC	C48107	At Site Manager (25)	Completion Of Work <a href="#">Approve</a>

And then in the View/Approve column, click the Approve link **SOLID ARROW**



Manage Completion Of Work/Partial Pay

**FWC IPMS Uplands Program**  
**Completion Of Work**

**TA#/Name Of Project :** MC-247/Malabar Scrub Sanctuary  
**PO Number:** C48107  
**Line Item Number or Unit or Acres traversed :**  
MSS central unit(55.00) , MSS West unit(44.50) , MSS Southwest unit(15.25)

I attest that the work described above and recorded in the signed Weekly Progress Reports has been reviewed by appropriate staff and found to be completed per the terms of the assigned Purchase Order. **I understand that by signing this document I am not attesting to the efficacy of the work conducted, which may only be determined by a compliance inspection at a later date.** This form does not relieve the Contractor of any responsibilities set forth in the FWC Contract or the Scope of Work for this project.

**I Verify (Signature):**

**Site Manager Name:** \_\_\_\_\_

**Date:** \_\_\_\_\_

To approve, check the Verify (Signature) box **DASHED ARROW**.

The site manager's name and date will automatically populate.

Be sure to fill out the 5-question **Contractor Evaluation Form**. This is an opportunity to provide feedback from the site manager's perspective.

Ratings of 3 points are the norm for satisfactory performance, and you may enter evaluation notes as you see fit for ratings above or below 3.

And yes, there is a reason that "Unknown" is an option; you'll select that option most of the time.

#### Manage Completion Of Work/Partial Pay

##### FWC Uplands Program Contractor Evaluation Form

TA#/Name Of Project : MC-247/Malabar Scrub Sanctuary

PO Number : C48107

Unit or Acres traversed : 114.75

- Category Fails to Meet Most Requirements (1 point)
- Fails to Meet Some Requirements (2 points)
- Meets Requirements (3 points)
- Exceeds Some Requirements (4 points)
- Exceeds Most Requirements (5 points)

##### Did the Contractor :

◆ Communicate, coordinate and cooperate effectively during the treatment operation rating 1-5 <i>(Required)</i>	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5
◆ Follow the description of work as provided by the project Scope of Work (SOW) rating 1-5 <i>(Required)</i>	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5
◆ Meet all of the provisions as set forth in the SOW within the time allotted rating 1-5 <i>(Required)</i>	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5
◆ Treat 100% of the treatment area and achieve 95% control as described in the SOW (Y/N)? <i>(Required)</i>	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
◆ If a callback is necessary, did the contractor meet requirements after follow up (Y/N)? <i>(Required)</i>	<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown

##### Notes :

Links to the WPRS are available, and Clicking Accept will close the COW **DASHED ARROW**  
Notes for Contractor are required if a COW is declined. **DOTTED ARROW**

#### Weekly Progress Reports

##### Work Dates

11/19/2024 TO 11/22/2024

##### Unit Name

MSS central unit, MSS Southwest unit, MSS West unit

Notes for Contractor :

**Partial Payment Forms** are very similar to the COW, there just won't be an Evaluation Form.

### **Some Tips for TIERS:**

- ◊ Never have more than one TIERS page open, either as tabs in a browser or in multiple browsers. Doing so may cause one page to overwrite another, with the complete loss of the page.
- ◊ **Save, save, save** (after every topic)!
- ◊ Who is the site manager and who is the secondary contact?
  - The Site Manager is who will be on-site, signing all the documents, and receiving all email notifications from FWC. The secondary contact is who we call when the Site Manager has made enough money to take another job.
- ◊ Provide good directions in the pre-quote meeting map—show folks how to not get lost using their fancy GPS phone.
- ◊ On the unit treatment history, remember this is only treatment that has occurred in the area proposed to be treated in this year's proposal. ANY prior treatment done by ANYONE is considered as 'previously treated'. This gives the contractors more information on how to best quote the project.
- ◊ We have changed the Specifications tab to include standardized language. Add only the special conditions or anything not covered for your area.
- ◊ Timing of treatments: list dates when work cannot occur (e.g., hunting season).
- ◊ When you make your maps, be sure to have a shapefile or GPX file.

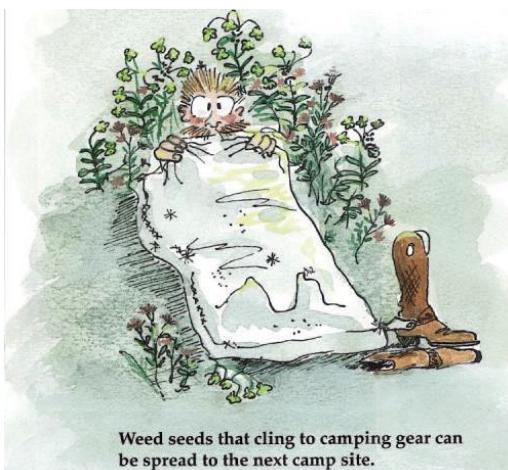
## **THANKS FOR EVERYTHING YOU DO!!**

If you have any TIERS questions, please contact John Kunzer at (850) 617-9420 or [John.Kunzer@myFWC.com](mailto:John.Kunzer@myFWC.com)

## **THINK DECONTAMINATION!!**



Weed seeds can attach to vehicles and fall off further down the road.



Weed seeds that cling to camping gear can be spread to the next camp site.



Weeds are often spread by people taking them home for flower arrangements.