

**CFLR Project: Accelerating Longleaf Restoration**  
**National Forest(s): Florida-Osceola**

**Responses to the prompts on this annual report should be typed directly into this template:**

1. Designation of matching funds. Due to the fact that the system for recording matching funds in FFIS was new last year and not all matching funds were coded properly, we are asking for a re-tallying of FY10 matching funds in addition to FY11 matching funds. Since these numbers will be used as the matching funds totals for FY10 and FY11 going forward, there is a signature block for the Forest Supervisor (or Forest Supervisors if the project spans more than one national forest).

**FY10 Matching Funds Documentation**

Fund Source	Total Funds Expended in Fiscal Year 2010(\$)
CFLR Funds Expended (this is different than the amount allocated) <sup>1</sup>	\$1,001,312
FS Matching Funds (please include a new row for each BLI) <sup>2</sup>	
WFM-0805-13M Osceola Deep Creek Comm. Protection (WRHR)	\$665,113
WFM-0805-21HFI-10, Hwy 90, OSC Fuel Reduction (WRHR)	\$587,461
CFHF10	\$3,815
CFKV10	\$69,167
CFRT10	\$25,992
CFVW10	\$22,121
CFW310	\$134,541
CFWF10	\$2,409
Funds contributed through agreements <sup>3</sup>	\$372,000 (Tall Timbers Research)
Partner In-Kind Contributions <sup>4</sup>	\$195,960 (Tall Timbers Research)
Service work accomplishment through goods-for services funding within a stewardship contract <sup>5</sup>	\$0

<sup>1</sup> This amount should match the amount of CFLR/CFLN dollars obligated in the PAS report titled CFLR Job Code Listing and Expenditure Report – Detailed Analysis by Fiscal Year.

<sup>2</sup> This amount should match the amount of matching funds obligated in the PAS report titled CFLR Job Code Listing and Expenditure Report – Detailed Analysis by Fiscal Year. For FY10, this column should also include matching funds not in the PAS report. For FY11, all Forest Service matching funds should be documented in the PAS report.

<sup>3</sup> Please document any partner contributions to implementation and monitoring of the CFLR project through an agreement (this should only include funds that weren't already captured through the PAS job code structure for CFLR matching funds). Please list the partner organizations involved in the agreement.

<sup>4</sup> Total partner in-kind contributions for implementation and monitoring of a CFLR project. Please list the partner organizations that provided in-kind contributions. See "Annual Report instructions" for instructions on how to document in-kind contributions.

<sup>5</sup> This should be the amount in the "stewardship credits charged" column at the end of the fiscal year in the TSA report TSA90R-01.

**FY11 Matching Funds Documentation**

Fund Source	Total Funds Expended in Fiscal Year 2011(\$)
CFLR Funds Expended <sup>1</sup>	\$1,164,031
FS Matching Funds (please include a new row for each BLI) <sup>2</sup>	
CFHF10	\$749,585
CFKV10	\$58,742
CFRD10	\$23,367
CFRT10	\$161,259
CFTM10	\$311,766
CFVW10	\$80,868
CFWF10	\$81,753
Funds contributed through agreements <sup>3</sup>	\$45,000 (TNC and Florida Nat. Areas Inv.)
Partner In-Kind Contributions <sup>4</sup>	\$9,000 (TNC and Florida Nat. Areas Inv.)
Service work accomplishment through goods-for services funding within a stewardship contract <sup>5</sup>	\$0

Approved by : \_\_\_\_\_  
Forest Supervisor

2. Discuss how the CLFR project contributes to accomplishment of the performance measures in the *10 year Comprehensive Strategy Implementation Plan*<sup>6</sup>, dated December 2006 (please limit answer to one page).

Performance Measure	Units
Percent change from 10-year average for wildfires controlled during initial attack	-2.0% Change
Percent change from 10 year average for number of unwanted human-caused wildfires	-46% Change
Percent of fires not contained in initial attack that exceed a stratified cost index	2%
Number and percent of WUI acres treated that are identified in CWPPS or other application collaboratively developed plans	10,581 acres (27%)
Number and percent of non-WUI acres treated that are identified through collaboration consistent with the <i>Implementation Plan</i>	10,943 acres (100%)

<sup>6</sup> The 10-year Comprehensive Strategy was developed in response to the Conference Report for the Fiscal Year 2001, Interior and Related Agencies Appropriations Act (Public Law 106-291).

Number of acres treated per million dollars gross investment in WUI and non-WUI areas	38,373 acres
Percent of collaboratively identified high priority acres treated where fire management objectives are achieved as identified in applicable management plans or strategies	N/A
Number and percent of acres treated by prescribed fire, through collaboration consistent with the <i>Implementation Plan</i> .	21,293 acres (100%)
Number and percent of acres treated by mechanical thinning, through collaboration consistent with the <i>Implementation Plan</i> .	10,232 acres
Number of acres and percent of the natural ignitions that are allowed to burn under strategies that result in desired conditions	15,980 acres (99%)
Number and percent of acres treated to restore fire-adapted ecosystems which are moved toward desired conditions	47,505 acres (100%)
Number and percent of acres treated to restore fire-adapted ecosystems which are maintained in desired conditions	850 acres (0.7%)
Number and percent of burned acres identified in approved post-wildfire recovery plans as needing treatments that actually receive treatments	10 acres (100%)
Percent of burned acres treated for post-wildfire recovery that are trending towards desired conditions	100%

**3. FY 2011 Jobs Created/Maintained (FY11 CFLR/CFLN funding only):**

Type of projects	Direct part and full-time jobs	Total part and full-time jobs	Direct Labor Income	Total Labor Income <sup>7</sup>
Commercial Forest Product Activities	15.1	27.4	\$654,551	\$1,137,421
Other Project Activities	28.6	32.1	\$714,868	\$839,496
<b>TOTALS:</b>	<b>43.7</b>	<b>59.5</b>	<b>\$1,369,419</b>	<b>\$1,976,917</b>

**FY 2011 Jobs Created/Maintained (FY11 CFLR/CFLN and matching funding):**

Type of projects	Direct part and full-time jobs	Total part and full-time jobs	Direct Labor Income	Total Labor Income <sup>8</sup>
Commercial Forest Product Activities	20.6	37.4	\$893,981	\$1,553,481
Other Project Activities	39.0	43.8	\$973,672	\$1,143,420
<b>TOTALS:</b>	<b>59.6</b>	<b>81.2</b>	<b>\$1,867,653</b>	<b>\$2,696,901</b>

<sup>7</sup> Values obtained from Treatment for Restoration Economic Analysis Tool (TREAT) spreadsheet, "Impacts-Jobs and Income" tab. Spreadsheet and directions available at <http://www.fs.fed.us/restoration/CFLR/submittingproposals.shtml#tools>.

<sup>8</sup> Values obtained from Treatment for Restoration Economic Analysis Tool (TREAT) spreadsheet, "Impacts-Jobs and Income" tab. Spreadsheet and directions available at <http://www.fs.fed.us/restoration/CFLR/submittingproposals.shtml#tools>.

4. Describe other community benefits achieved and the methods used to gather information about these benefits (Please limit answer to two pages).

In addition to the above economic impacts, CFLR related projects classified as “FS Implementation and Monitoring” in TREAT have created/maintained 44.6 jobs and provided \$1,116,762 in to the north Florida economy (TREAT 2011). Contracts were awarded to small corporations within the commuting area. Challenge Cost Share Agreements were established with The Nature Conservancy (TNC) of Florida and Florida Natural Areas Inventory (FNAI) providing direct benefit of \$30,000, and \$15,000, respectively. Silviculture treatments have doubled harvest targets adding work to local wood markets. Local vendors have acknowledged an increase in business from aforementioned activities.

5. Describe the multiparty monitoring, evaluation, and accountability process (please limit answer to two pages).

A suite of ecological and biological data is being collected from randomly selected plots to monitor this project’s effectiveness. Additionally, the succession of vegetation treatments and their efficacy will also be monitored to supply the Forest as well as adjacent State, Federal, and private landowners a shared knowledge of the most efficient and effective strategies to restore and maintain a longleaf pine ecosystem. While the majority of monitoring is being conducted by Tall Timbers Research Station and Land Conservancy (TTRS), the Conserved Forest Ecosystem Outreach and Research (CFEOR) collaborative is also measuring efficacy of treatments.

**6. FY 2011 accomplishments**

Performance Measure	Unit of measure	Total Units Accomplished <sup>9</sup>	Total Treatment Cost (\$)	Type of Funds (CFLR, Specific FS BLI, Partner Match) <sup>10</sup>
Acres treated annually to sustain or restore watershed function and resilience	Acres	0	N/A	N/A
Acres of forest vegetation established	Acres	1,359	259,753 307,726	CFLN/CFLR WFW3, NFWW, RTRT
Acres of forest vegetation improved	Acres	554*	98,150 94,203	SSCC, NFWW, NFTM, RTRT CFLR/CFLN *An additional 265 acres accomplished but not included in the 12/12/11 "pulled" data for a total of 819 acres FS Veg Imp
Manage noxious weeds and invasive plants	Acre	0	N/A	N/A
Highest priority acres treated for invasive terrestrial and aquatic species on NFS lands	Acres	0	N/A	N/A
Acres of water or soil resources protected, maintained or improved to achieve desired watershed conditions.	Acres	0	N/A	N/A
Acres of lake habitat restored or enhanced	Acres	0	N/A	N/A
Miles of stream habitat restored or enhanced	Miles	0	N/A	N/A
Acres of terrestrial habitat restored or enhanced	Acres	42, 592	42,123 135,603	CFLN NFWF, CWKV
Acres of rangeland vegetation improved	Acres	0	N/A	N/A
Miles of high clearance system roads receiving maintenance	Miles	0	N/A	N/A
Miles of passenger car system roads receiving maintenance	Miles	0	N/A	N/A
Miles of road decommissioned	Miles	16	23,367 5,040	CMRD CFLN
Miles of passenger car system roads improved	Miles	0	N/A	N/A
Miles of high clearance system road improved	Miles	0	N/A	N/A
Number of stream crossings constructed or reconstructed to provide for aquatic organism	Number	0	N/A	N/A

<sup>9</sup> Units accomplished should reflect the accomplishments recorded in the Databases of Record.

<sup>10</sup> Please use a new line for each BLI or type of fund used. For example, you may have three lines with the same performance measure, but the type of funding might be two different BLIs and CFLR/CFLN.

passage				
Miles of system trail maintained to standard	Miles	0	N/A	N/A
Miles of system trail improved to standard	Miles	0	N/A	N/A
Miles of property line marked/maintained to standard	Miles	0	N/A	N/A
Acres of forestlands treated using timber sales	Acres	0	N/A	N/A
Volume of timber sold (CCF)	CCF	10,629 14,517	264,450 294,555	CFLN NFTM
Green tons from small diameter and low value trees removed from NFS lands and made available for bio-energy production	Green tons	0	N/A	N/A
Acres of hazardous fuels treated outside the wildland/urban interface (WUI) to reduce the risk of catastrophic wildland fire	Acre	15,578	508,700 255,201	WFHF CFLN
Acres of wildland/urban interface (WUI) high priority hazardous fuels treated to reduce the risk of catastrophic wildland fire	Acres	18,985	240,886 84,300	WFHF CFLN
Number of priority acres treated annually for invasive species on Federal lands	Acres	0	N/A	N/A
Number of priority acres treated annually for native pests on Federal lands	Acres	0	N/A	N/A

7. FY 2011 accomplishment narrative (summarize key accomplishments and evaluate project progress) (please limit answer to three pages).

The following goals were identified in our proposal:

- *Increasing Prescribed Fire Acreage*
- *Reducing Hazardous Fuel Loads*
- *Thinning Small Diameter Trees*
- *Harvesting Woody Biomass*
- *Groundcover Restoration*
- *Decommissioning Trails and Roads/Hydrological Restoration*

The below chart summarizes 2010 accomplishments as reported in the 2010 Annual CFLRP Report:

Ecological restoration treatment (Performance Measure Code)	Unit of measurement	Total Units Accomplished <sup>11</sup>	Total Units Completed <sup>12</sup>	Range of Costs per Unit	Average Cost per Unit	Funds Utilized to Accomplish Treatment (\$)	Type of Funds (CFLR, Specific FS BLI, Partner Match) <sup>13</sup>
FOR-VEG-EST	Acres	887	887	\$66	\$66	\$58,519	CFKV10
FOR-VEG-EST	Acres	200	200	\$123	\$123	\$24,624	CFRT10
FOR-VEG-EST	Acres	1,262	1,262	\$14	\$14	\$17,412	CFVW10
FOR-VEG-EST	Acres	1,300	1,300	\$103	\$103	\$134,541	CFW310
FOR-VEG-IMP	Acres	1,500	800	\$45	\$45	\$67,250	CFLR10
S&W-RSRC-IMP	Miles	16	8	\$2,000	\$2,000	\$32,000	CFLR10
HBT-ENH-TERR	Acres	1,300	600	\$120	\$120	\$156,000	CFLR10
FP-FUELS-NON-WUI	Acres	8,830	5,130	\$90-\$1,200	\$760	\$293,950	CFLR10
FP-FUELS-WUI	Acres	4,285	4,285	\$94-\$104	\$99.00	\$1,260,000	WRHR05

**2011:**

Prescribed fire acreage was accomplished by both human and natural source ignition allowing for a total of 34,563 acres of treatment. An additional 10,232 acres of hazardous fuel treatment occurred via mechanical treatments such as mastication, mowing, roller chopping, thinning, and fire line construction/maintenance.

Mowing and roller chopping not only reduce saw palmetto fuels but they also promote herbaceous groundcover restoration. This activity occurred on 3,267 of the aforementioned 10,232 acres. Decommissioned roads for 2011 met

<sup>11</sup> Units Accomplished should reflect the number of units designated through awarded contracts or force account implementation in progress

<sup>12</sup> Units Completed should reflect work actually done on the ground.

<sup>13</sup> Please use a new line for each type of fund used. For example, you may have three lines with the same performance measure, but the type of funding might be two different BLIs and CFLR.

our target of 16 miles. No biomass production was proposed for the 2011 period. TTRS provided independent monitoring on 112,000-acres. Site preparation for mechanical planting was determined not to be an appropriate accomplishment in performance measure FOR-VEG-EST therefore; the 2600-acres were not included in the 2011 Accomplishment table but are reported here in the narrative.

8. Describe the total acres treated in the course of the CFLR project (cumulative footprint acres; not a cumulative total of performance accomplishments). What was the total number of acres treated?<sup>14</sup>

<b>Fiscal Year</b>	<b>Total number of acres treated (treatment footprint)</b>
FY10	54,753
FY10 and FY11	96,000

9. Describe other relevant fire management activities within the project area (hazardous fuel treatments are already documented in Question #6): Prescribed fire management activities during the 2011 fiscal year were hindered due to drought conditions beginning in April and lasting throughout the summer. This prolonged drought, coupled with lightning storms common to Florida during spring and summer months, resulted in an active wildfire season. Some of these wildfires did result in a desirable outcome by reducing fuel loads and changing the ecological condition of the areas in which they occurred.

Expenses in wildfire preparedness were \$119,218 per 234,995 acres of the project area on the Osceola National Forest.

Expenses in wildfire suppression were \$10,000,000 for Impassable Bay Complex, \$900,000 for Ocean Bay Fire, and \$25,000 for Terrapin Bay Fire. The Terrapin Bay Fire was contained during initial attack. Impassable Bay Complex was not contained during initial attack due to the remote location and difficult terrain (i.e., swamp). Ocean Bay was contained within 48 hours of ignition but with its occurrence in a Wilderness Study Area and due to a high density of snags from previous wildfires, options for direct attack and interior strip fires to maintain a low duration and cost of the fire, was very limited. All three fires started from unplanned natural ignition and were included in burn plans. These fires were in the CFLRP area and met fuel reduction objectives identified in burn plans. There were approximately 40 additional wildfires that were contained during initial attack amounting to small acreages. One fire of special note tested a fuel treatment area funded by CFLRP. This fire resulted from a single lightning strike in an area along US Highway 90 near Olustee. A major highway running generally parallel to the forest boundary was only 300 feet away and could have been impacted by smoke had the area not been treated. This fire only burned an area of approximately 60 ft<sup>2</sup> and then went out due to lack of fuel.

10. Temporary roads status

<b>Number of miles of temporary road constructed in Fiscal Year 2011</b>	<b>Number of miles of temporary road decommissioned in Fiscal Year 2011</b>
17	17

11. Describe any reasons that the FY 2011 annual report does not reflect your project proposal and work plan. Did you face any unexpected challenges this year that caused you to change what was outlined in your proposal? (please limit answer to two pages)

<sup>14</sup> This metric is separate from the annual performance measurement reporting as recorded in the databases of record. Please see the instructions document for further clarification.

The FY 2011 work reflects our project proposal and work plan. The two greatest challenges this year were the CFLN funds not being distributed until the third quarter and our extended drought resulting in an active fire season. The combination and timing of these two issues greatly impacted our ability to conduct prescribed fire activities. Some of our projects are biologically time sensitive. This is the case with palmetto reduction, which requires the use of fire within 6 months post “chopping” to reduce fuels and enhance wildlife habitat through understory herbaceous restoration. If this chopping does not occur during the fall/winter then the window for opportunity to burn these areas within 6 months becomes much more limited, particularly in extreme drought such as that experienced this year. If CFLN money been distributed at the beginning of FY 2011, contracts could have been awarded and completed by the end of first quarter followed by prescribed burning during the peak of Florida’s prescribed burning season. Another consequence of receiving CFLN funds late in the year may result in less competitive contract pricing normally assured through broad contract advertisement and opportunity for numerous bidders. Many contracts can only be performed by 8a contractors when late coming funds over-extend the capability of Contracting Officers and their support staff. While it is important to support small and disadvantaged businesses, it is also important to have contracts that maximize competitive pricing and the distribution of work. Late coming funds also stretch field staff capabilities during years of numerous, nationally significant wildfires, as was the case this year. With large-scale wildfires in Texas, Florida, New Mexico, Arizona, Virginia, and Georgia, fire-qualified staff whom normally complete CFLRP work or support contracting of that work (i.e., inspectors, contract officer representatives), were needed to support wildfire suppression. CFLN money received earlier in the fiscal year would help alleviate these conflicts that arise during the summer months. Despite these issues, target accomplishments fell in line with those projected and proposed fire treatment acres benefitted by a natural ignition occurring in a CFLRP treatment area proposed for prescribed burning this year. The natural ignition allowed fuels to be reduced in a manner consistent with those described in our CFLRP proposal while meeting the objectives in the respective burn plan.

12. Planned FY 2012 accomplishment narrative:

We are continuing to proceed at levels planned in our CFLRP proposal but with current continuing resolution reducing the ability to spend originally anticipated funds, some accomplishments may be reduced. If drought conditions persist and CFLN funds are released either late in the second quarter or after, treatments may be reduced.

13. **Planned FY 2013 Accomplishments**

<b>Performance Measure Code<sup>15</sup></b>	<b>Unit of measure</b>	<b>Planned Accomplishment</b>	<b>Amount (\$)</b>
Acres treated annually to sustain or restore watershed function and resilience	Acres	0	
Acres of forest vegetation established	Acres	1,400	\$453,939
Acres of forest vegetation improved	Acres	796	\$150,485
Manage noxious weeds and invasive plants	Acre	50	\$12,000
Highest priority acres treated for invasive terrestrial and aquatic species on NFS lands	Acres	0	
Acres of water or soil resources protected, maintained or improved to achieve desired watershed conditions.	Acres	0	
Acres of lake habitat restored or enhanced	Acres	0	
Miles of stream habitat restored or enhanced	Miles	0	
Acres of terrestrial habitat restored or enhanced	Acres	3,935	\$43,360
Acres of rangeland vegetation improved	Acres	0	
Miles of high clearance system roads receiving maintenance	Miles	0	
Miles of passenger car system roads receiving maintenance	Miles	0	
Miles of road decommissioned	Miles	10	\$16,000
Miles of passenger car system roads improved	Miles	0	
Miles of high clearance system road improved	Miles	0	

<sup>15</sup> Please include all relevant planned accomplishments, assuming that funding specified in the CFLRP project proposal for FY 2013 is available. Use actual planned funding if quantity is less than specified in CFLRP project work plan, and justify deviation from project work plan in question 15.

<b>Performance Measure Code<sup>15</sup></b>	<b>Unit of measure</b>	<b>Planned Accomplishment</b>	<b>Amount (\$)</b>
Number of stream crossings constructed or reconstructed to provide for aquatic organism passage	Number	0	
Miles of system trail maintained to standard	Miles	0	
Miles of system trail improved to standard	Miles	0	
Miles of property line marked/maintained to standard	Miles	0	
Acres of forestlands treated using timber sales	Acres	3,938	\$718,610
Volume of timber sold (CCF)	CCF	24,000	
Green tons from small diameter and low value trees removed from NFS lands and made available for bio-energy production	Green tons	0	
Acres of hazardous fuels treated outside the wildland/urban interface (WUI) to reduce the risk of catastrophic wildland fire	Acre	49,300	\$1,584,500
Acres of wildland/urban interface (WUI) high priority hazardous fuels treated to reduce the risk of catastrophic wildland fire	Acres	1,927	\$52,250
Number of priority acres treated annually for invasive species on Federal lands	Acres	0	
Number of priority acres treated annually for native pests on Federal lands	Acres	0	

14. Planned FY 2013 accomplishment narrative:

Work will continue as planned in the proposal assuming funding delays and reductions do not constitute a reduction in ability to complete time sensitive work. Biomass opportunities have been difficult to identify since no facilities have completed construction within the local area. We will continue to search for these opportunities in hopes of locating a market for biomass product. Site preparation will occur on 85 acres but is not in the table above for accomplished acres for reasons previously explained (Response to No. 7).

15. Describe and provide narrative justification if planned FY 2012/13 accomplishments and/or funding differs from CFLRP project work plan:

The number of roads identified for decommissioning in 2013 is currently lower than originally proposed due to a pending evaluation of our current motor-vehicle use and concern from the public that access for recreation may be impacted. Monies planned for these closures will be utilized to restore hydrology and accelerate herbaceous cover on those roads identified for closure.