



Sustainability and Environmental Monitoring Plan (SEMP) FY15 Annual Report

February 2016



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Introduction



This report contains the quarterly and annual results for fiscal year 2015 (FY15; 1 October 2014 – 30 September 2015) for environmental stewardship, mitigation and monitoring activities conducted by the Joint Readiness Training Center (JRTC) and Fort Polk and the Kisatchie National Forest (KNF) under the Sustainability and Environmental Monitoring Plan (SEMP). The SEMP is a performance-based mitigation and monitoring plan jointly implemented by the JRTC-Fort Polk and the KNF.

This report also contains a list of recommended root cause analyses for FY15 monitoring tasks with “red” results, an annual summary of SEMP objective-level results, and the status of SEMP implementation as of the close of FY15.

The monitoring results and other elements reported here were reviewed and approved by the JRTC-Fort Polk and KNF Joint Mitigation and Monitoring Oversight Committee (the Oversight Committee) at quarterly meetings held at Fort Polk, Louisiana, between 29 January 2015 and 28 January 2016.

This report is intended to document annual and quarterly monitoring results and decisions by the Oversight Committee and to demonstrate ongoing implementation of the SEMP. In addition, this report helps to meet commitments by the JRTC-Fort Polk and KNF to make available the results of monitoring conducted under the SEMP to members of the public.



Oversight Committee Points of Contact



Oversight Committee Membership



- Member organizations specified in 2005 Army-USDA MOU
- Fort Polk members:
 - DPW-ENG
 - DPW-ENRMD, CB
 - DPW-ENRMD, NRMB
 - DPW-ENRMD, CMB
 - DPTMS
 - PAIO
 - SJA
 - PAO
 - G3
- KNF members:
 - Supervisor's Office
 - Calcasieu District Office
 - Kisatchie District Office
- Ad hoc members (not listed in MOU)
 - DPW-MP
 - USACE-FW District
 - NEC



SEMP Objective Lead Offices



Obj.	Short Description	Lead Office
1-1	Minimize or avoid degradation of training lands and resources thru identification and correction of maneuver damages and Soldier education.	DPTMS / ENRMD
1-2	Sustain training land conditions and soil productivity thru land rehabilitation and maintenance and watershed management practices.	DPTMS (ITAM) / ENRMD
1-3	Protect/maintain high water quality thru maintenance of stream crossing structures, roads, trails and sediment basins; and by restrictions within streams and wetlands.	DPW / ENRMD
2-1	Promote recovery of Vernon-Fort Polk RCW population through cooperative management and monitoring and Soldier education.	ENRMD / USFS
2-2	Provide high-quality habitat for the RCW and other species native to the longleaf pine landscape. Use prescribed fire and thinning to maintain/achieve DFCs.	ENRMD / USFS
2-3	Promote viability of the Louisiana pine snake through cooperative management, Soldier education, and construction project planning.	ENRMD / USFS
2-4	Protect rare plants and wetlands through identification, marking and monitoring of hillside seeps and bogs (bogs marked in LUA only).	ENRMD / USFS
3-1	Avoid/minimize impacts to environmentally sensitive resources and promote sustainability by integrating Master Planning and environmental concerns.	DPW / ENRMD
3-2	Ensure that new facilities are designed and constructed to comply with CWA, CAA, ESA and NEPA through project design and construction phase monitoring.	DPW / ENRMD
4-1	Support public recreation and multiple use activities on Polk and Peason WMAs, the LUA and SLUA through public information, scheduling and Soldier education.	DPTMS / USFS
4-2	Protect quality of life for residents in or near the installation boundaries through noise monitoring; boundary markings, fire response and road repair/upgrades.	ENRMD / USFS
4-3	Avoid risks to public safety and conflicts with civilian activities in the LUA and SLUA.	G3 / USFS
5-1	Jointly monitor implementation and effectiveness of EIS mitigation measures.	ENRMD / USFS
5-2	Jointly evaluate and report results, and adapt management accordingly.	ENRMD / USFS



Objective 1-1 FY15 Quarterly and Annual Monitoring Results Maneuver Damage Program



Objective 1-1 Quarterly and Annual Results



Task#	Metric	Reporting Frequency	Performance Results			
			1 QTR 15	2 QTR 15	3 QTR 15	4 QTR 15
1-1.1	Percent of training exercises for which maneuver damage inspections were accomplished; and percent of training exercises for which adequate time was allocated on the training calendar for maneuver damage inspections.	Quarterly	Green (100%)	Green (100%)	Green (100%)	Green (100%)
1-1.2A	Percent of repairs/corrective actions completed within 30 days from the date that damages were identified; and percent of required repairs for which adequate time was allocated on the training calendar. (Note: Corrective actions for seeding and fertilization will not be recommended within Geronimo DZ as of 23 April 2015.)	Quarterly	Green (152 / 178 = 85%)	Amber (178 / 247 = 72%); "weather", "no access" and "other" cited as reasons for delay for 28 of 91 repairs not completed in ≤ 30 days; no reason provided for other delays.	Green (207 / 269 = 77%); a reason for delay was reported for 15 of 86 (17%) of repairs not completed in ≤ 30 days, with "other" and "weather" provided as reasons, when reported.	Green (236 / 284 = 87%)
1-1.2B	Completion of biannual seeding and fertilization within Geronimo Drop Zone by 31 July and 30 November. (Approved 23 April 2015.)	Biannual (October and January)	N/A (Metric adopted 23 April 2015)	N/A (Metric adopted 23 April 2015)	TBD (Report in October 2015)	Green (Seeding/fertilization of Geronimo DZ completed 7 JUL 15)
1-1.3	Revised metric (approved 24 April 14): Number of OCTs and Soldiers for each MSC receiving certification.	Annually	TBD (Annual)	TBD (Annual)	TBD (Annual)	See trend (798 Soldiers SRA certified FY15; total not comparable to prior years due to changes in stationing and military units included in report)
1-1.4	Trends for frequency, type and severity of maneuver damages.	Quarterly	N=20	N=252	N=157	N=117
1-1.5	Percent of corrective actions that were determined to be effective based on site re-inspections.	Quarterly	Green (100%)	Green (119 / 119=100%)	Green (239 / 239=100%)	Green (269 / 272 = 99%)
1-1.6	Trends for violations of range regulations/permit conditions for environmental protection.	Quarterly	N=0	N=1; Vehicular traffic off established trail within 50ft of an active RCW cavity tree)	N=4; 2 x bivouacking, digging or driving within 50ft of active RCW cavity tree; 1 x any halt > 2 hours; and 1 x vehicle traffic thru pine regeneration area.	N=0
1-1.7	Number of new Land Rehabilitation and Maintenance (LRAM) and/or DPW Work Request/4283 erosion control projects identified annually. (Approved April 2015.)	Annually	N/A (Metric adopted 23 April 2015)	N/A (Metric adopted 23 April 2015)	TBD (Annual)	Green (No 4283 erosion control projects ID'd, and 3 LRAM erosion control projects ID'd and completed.)
1-1.8	Number of new historic damage sites identified annually.	Annually	TBD (Annual)	TBD (Annual)	TBD (Annual)	Green (1 historic damage site)

Summary of FY15 Annual Maneuver Damage Corrective Action Status



Corrective Action	No. To Be Performed (< 30 d old)	No. Completed in ≤ 30 Days	% Completed in ≤ 30 Days
Earthwork	130	127	98%
Seed	182	155	85%
Fertilize	180	153	85%
Other	5	3	60%
Reshape	652	527	81%
FY15 Total*	969	812	84%
FY14 Total*	575	395	69%

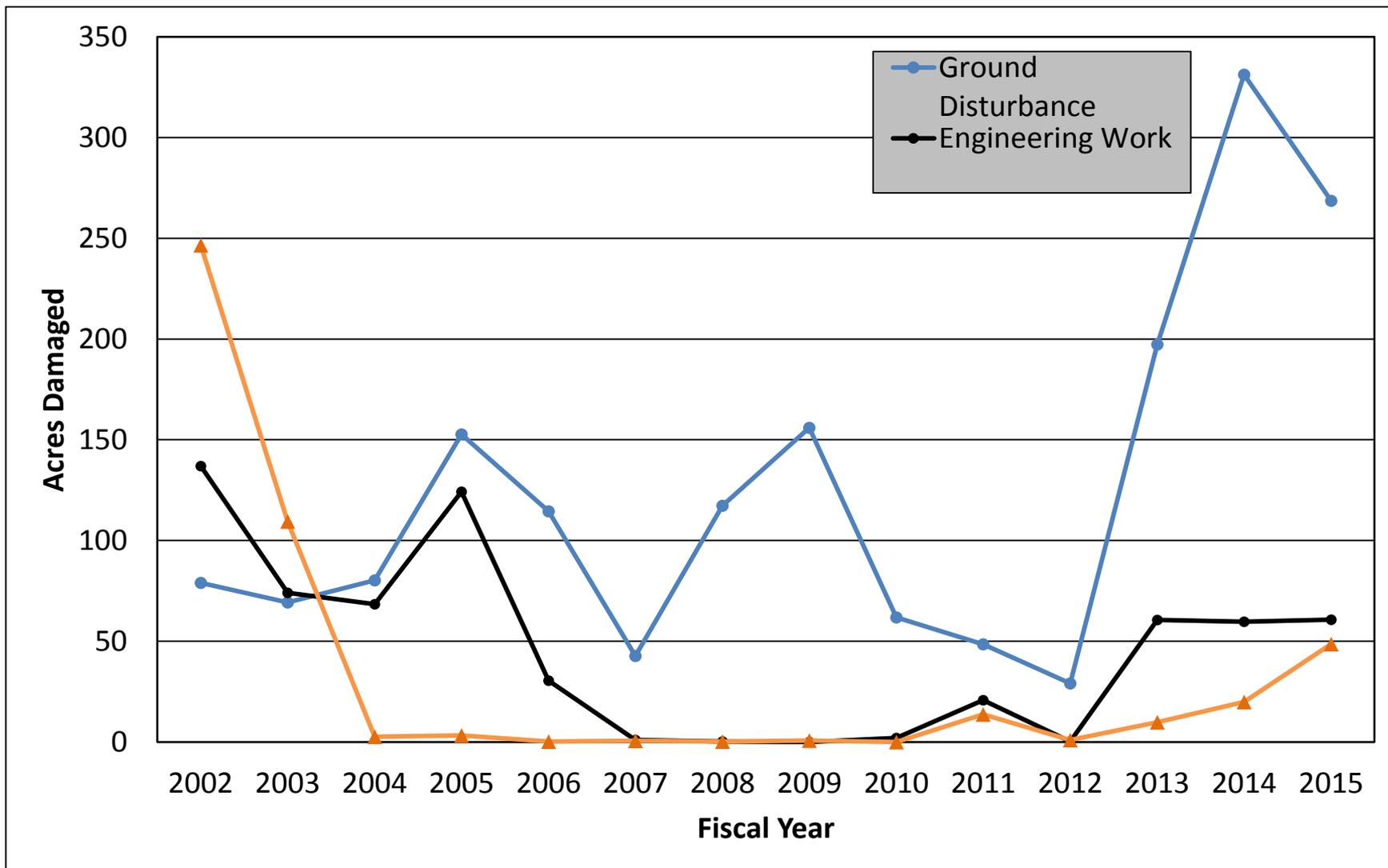
*Because fertilization is rarely recommended in the absence of seeding, corrective actions for fertilization are excluded from the total. FY14 results presented for comparison.

SEMP Task 1-1.2 Performance Target Criteria:

Green: >75% of corrective actions are completed in 30 days or less.	Amber: 50% - 75% of corrective actions are completed in 30 days or less.	Red: < 50% of corrective actions are completed in 30 days or less.
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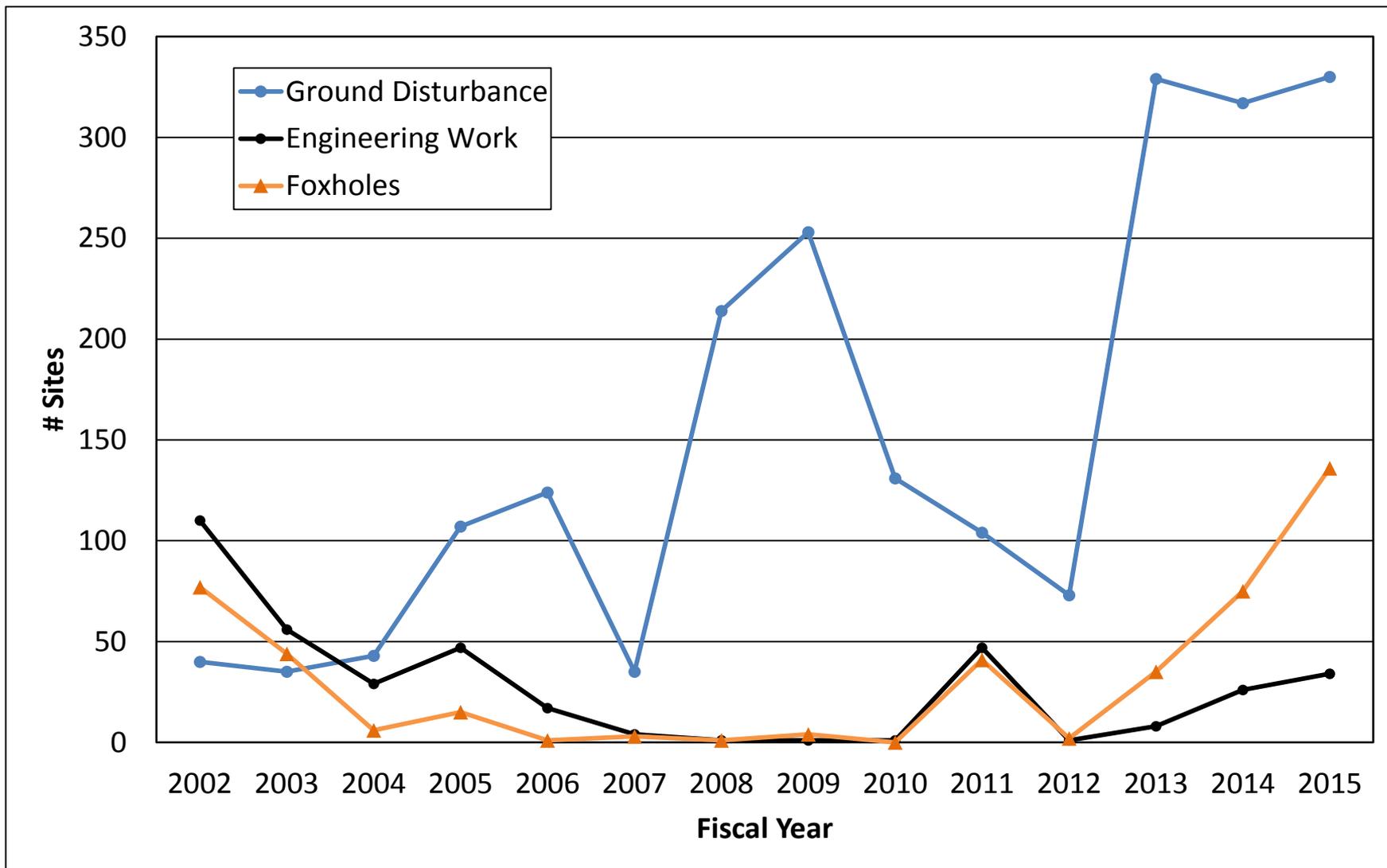


Task 1-1.4: Acres Damaged by Selected Damage Type Thru FY15



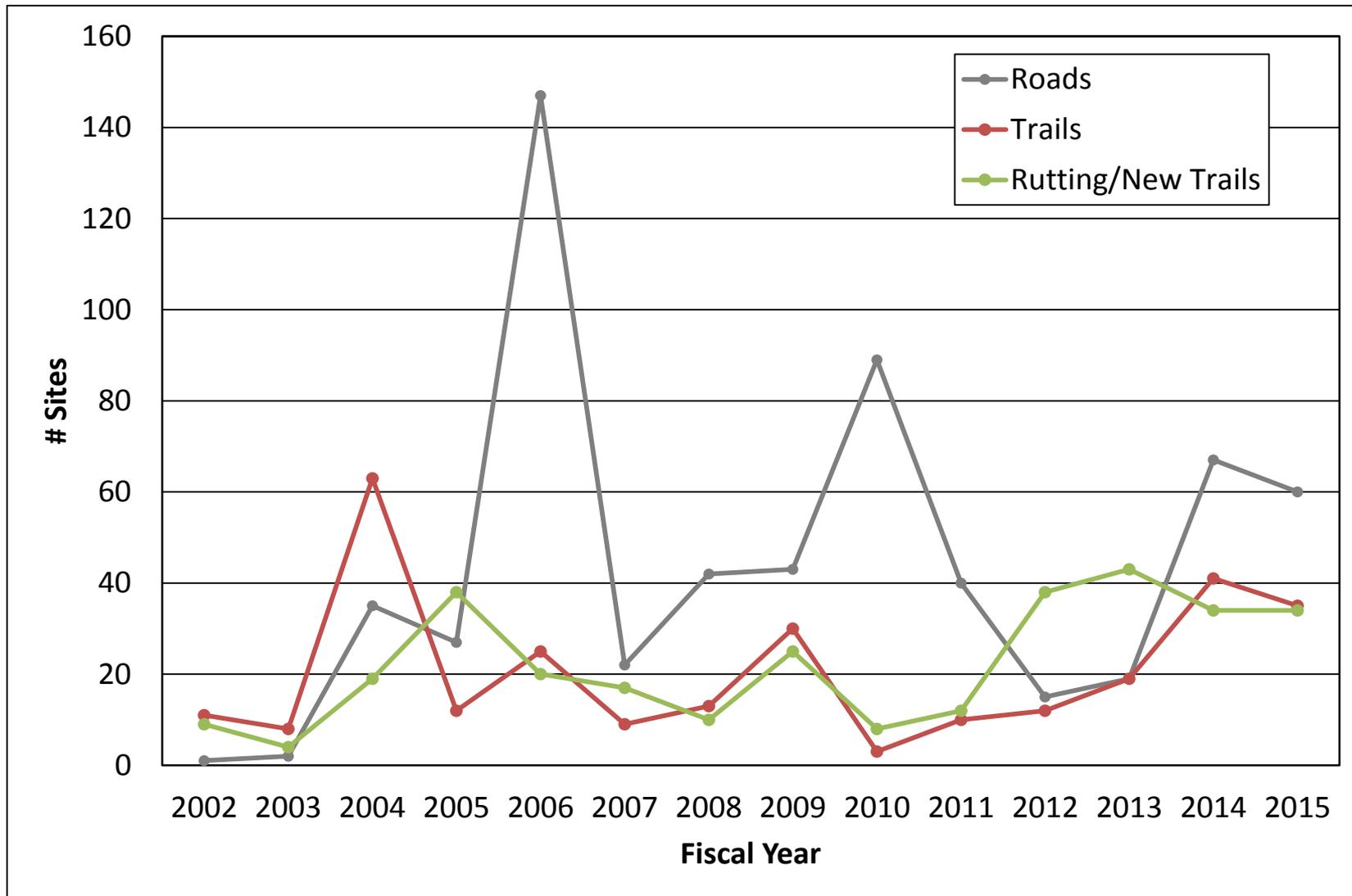


Task 1-1.4: Sites Damaged By Selected Damage Type Thru FY15



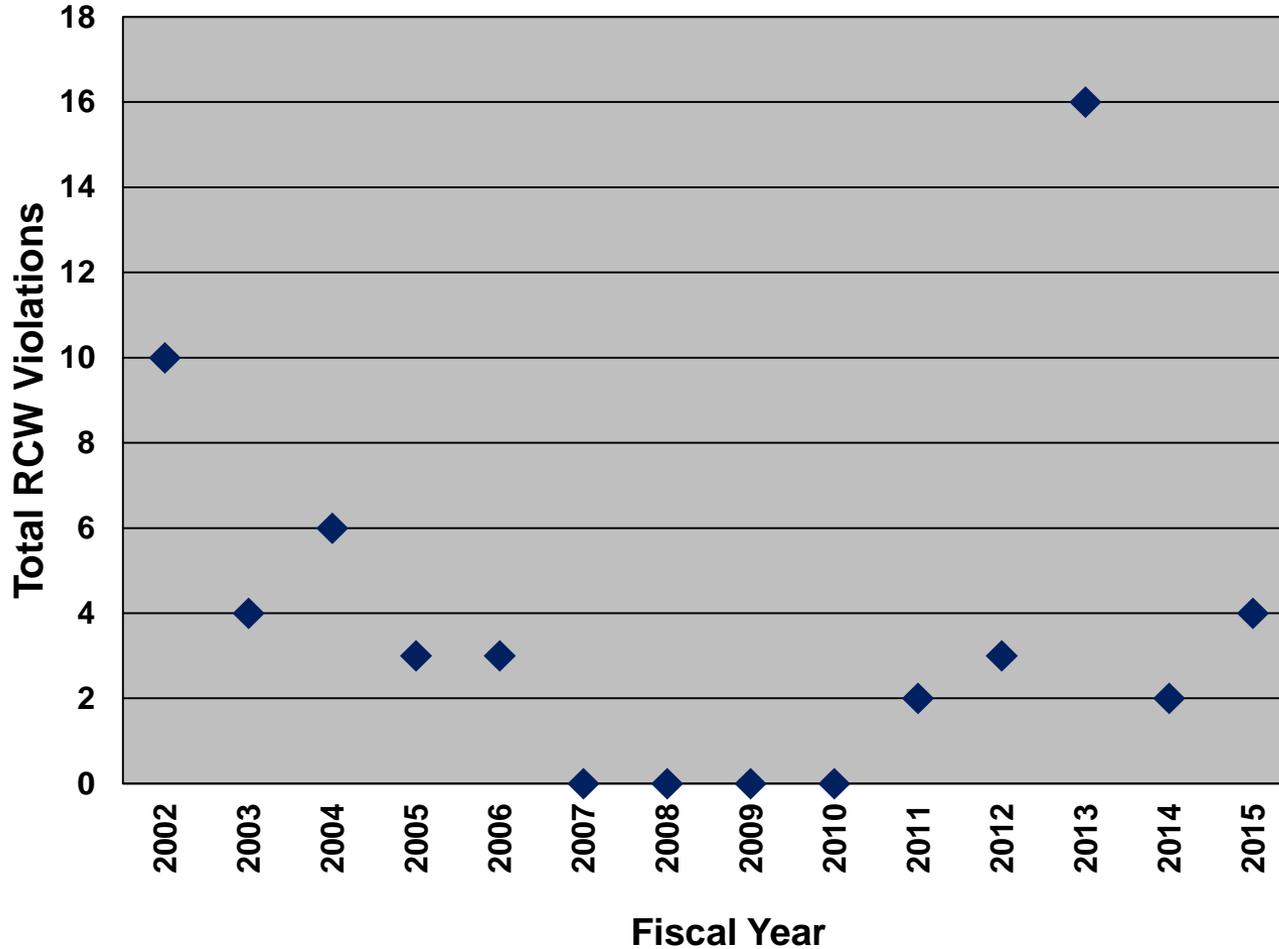


Task 1-1.4: Travelway Sites Damaged by Type Thru FY15





Number of RCW Violations by Fiscal Year



Fiscal Year	# JRTC Rotations	Total RCW Violations
2002	8	10
2003	8	4
2004	9	6
2005	10	3
2006	7	3
2007	9	0
2008	10	0
2009	10	0
2010	9	0
2011	8	2
2012	9	3
2013	10	16
2014	9	2
2015	9	4



Objective 1-2 FY15 Annual Monitoring Results Land Rehabilitation and Maintenance



Objective 1-2 Annual Results



Task#	Metric	Reporting Frequency	Performance Target Criteria			Performance Results
			Green	Amber	Red	FY15
1-2.1	Percent of disturbed/degraded acres funded for land rehabilitation and maintenance (LRAM), based on requirements identified in Integrated Training Area Management (ITAM) Annual Work Plan.	Annual	≥ 90% of planned LRAM acres are funded.	< 90% and ≥ 70% of planned LRAM acres are funded.	< 70% of LRAM acres are funded.	Green (95.9 / 95.9 = 100% LRAM acres funded)
1-2.2	Percent of funded LRAM project acres that are completed during the fiscal year.	Annual	≥ 90% of funded LRAM project acres are completed.	< 90% and ≥ 70% of funded LRAM project acres are completed.	< 70% of funded LRAM project acres are completed.	Green (95.9 / 95.9 = 100% LRAM acres completed)
1-2.3	Percent of sub-watersheds for which current watershed management plans are in place. (Note: The term "current" denotes that an annual review has been conducted and the management plan has been updated or carried forward as appropriate.)	Annual	Current management plans are in place for ≥ 90% of sub-watersheds.	Current management plans are in place for < 90% and ≥ 70% of sub-watersheds.	Current management plans are in place for < 70% of sub-watersheds.	Red (Watershed management plans not updated. See root cause analysis completed in April 2015.)
1-2.4	Annual prioritized list of LRAM projects cross-referenced to sub-watershed. (Prioritization of projects will include consideration of both site-specific factors such as safety, training use, and biological impacts; and the overall sub-watershed current to undisturbed (C:U) erosion rates, or other watershed condition factor. See tasks 1-2.6, 1-2.7 and 1-2.8.)	Annual	Project prioritization report is completed.	N/A	Project prioritization report is not completed.	Green (Project prioritization report complete)
1-2.5	Percent of LRAM projects that meet minimum project level objectives.	Annual	≥ 80% of LRAM projects meet minimum project level objectives.	< 80% and ≥ 60% of LRAM projects meet minimum project level objectives.	< 60% of LRAM projects meet minimum project level objectives.	Green (9 / 9 = 100% of projects were achieved the objective for percent cover)
1-2.6	Ratio of estimated current to undisturbed soil loss rate (tons/acre/year) across Fort Polk training lands (Main Post/Vernon Unit, Peason Ridge).	5 years	≥ 80 % of training lands have an current:undisturbed soil loss (C:U) ratio ≤ 1.20; and ≥ 90% of training lands have a C:U ratio ≤ 1.55	< 80 % of training lands have C:U ratio ≤ 1.20, or < 90% of training lands have a C:U ratio ≤ 1.55; and ≥ 60 % of training lands have C:U ratio ≤ 1.20, and ≥ 80 % of training lands have a C:U ≤ 1.55	< 60 % of training lands have a C:U ratio ≤ 1.20; or < 80 % of training lands have a C:U ratio ≤ 1.55	N/A - Report in FY20
1-2.7	Multi-year change in total acres of bare or sparsely vegetated areas. (Bare or sparsely vegetated areas will be determined through processing of satellite imagery to classify land use/land cover classes across training lands.)	5 years	The net acreage of bare or sparsely vegetated areas is stable or decreasing in ≥ 90% of sub-watersheds.	The net acreage of bare or sparsely vegetated areas is stable or decreasing in < 90% of sub-watersheds and ≥ 80% of sub-watersheds.	The net acreage of bare or sparsely vegetated areas is stable or decreasing in < 80% of sub-watersheds.	N/A - Report in FY20
1-2.8	Multi-year change in estimated soil loss rate (tons/acre/year) across Fort Polk training lands (Main Post/Vernon Unit, Peason Ridge)	5 years	Estimated soil loss rates are stable or decreasing over the multi-year period for ≥ 90% of training lands, relative to year 2000 soil loss rates.	Estimated soil loss rates are stable or decreasing over the multi-year period for < 90% and ≥ 80% of training lands, relative to year 2000 soil loss rates.	Estimated soil loss rates are stable or decreasing over the multi-year period for < 80% of training lands, relative to year 2000 soil loss rates.	N/A - Report in FY20



Objective 2-1 FY15 Annual Monitoring Results

Red-cockaded Woodpecker Population Recovery



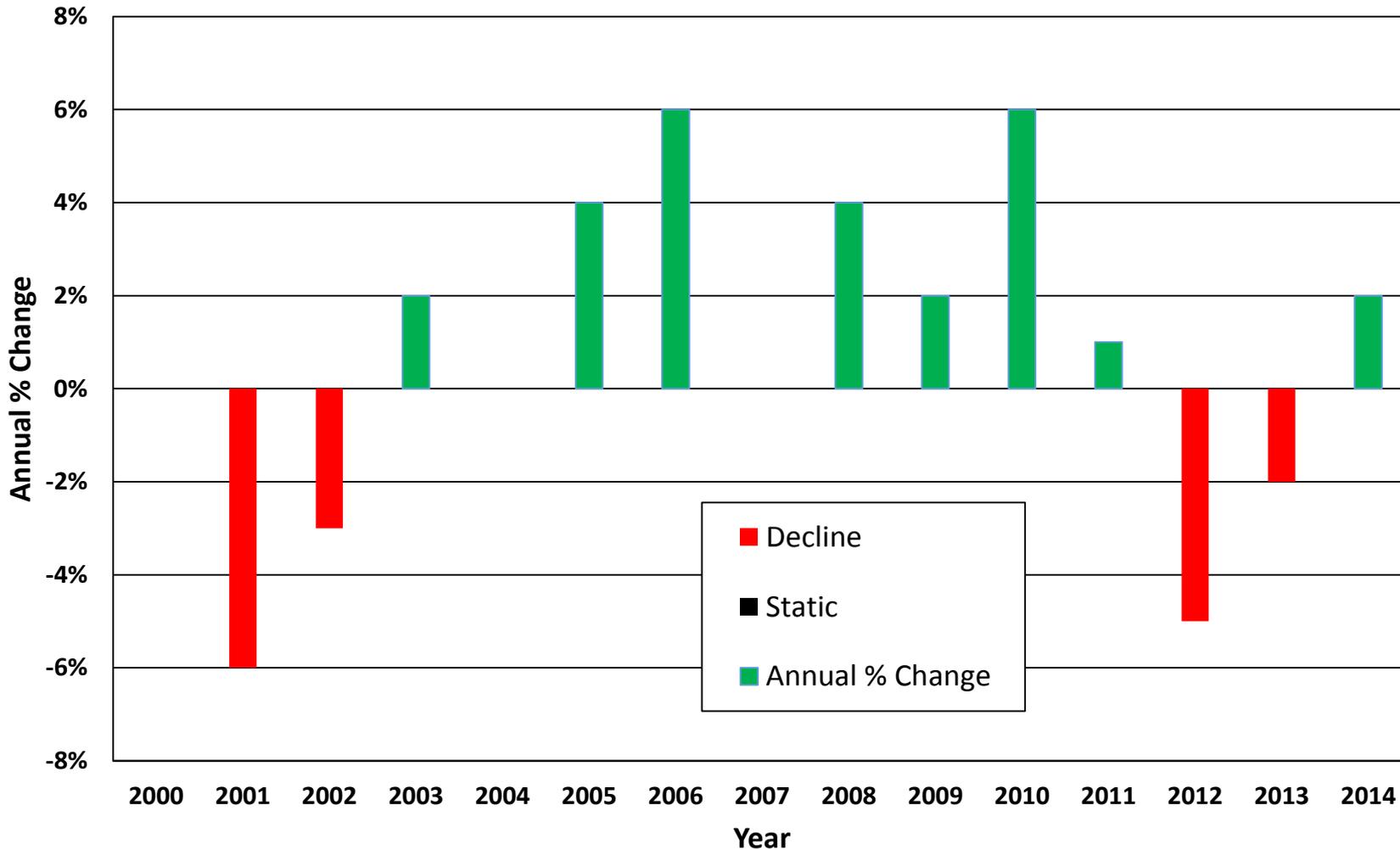
Objective 2-1 Annual Results



Task#	Metric	Reporting Frequency	Performance Results
			FY15
2-1.1	Percentage of critical JMP activities completed within prescribed time frames.	Annual	Amber (86% of "critical" monitoring tasks completed on time; JMP Annual Report was submitted to USFWS after the 30 June deadline)
2-1.2	Revised metric (approved 24 April 14): Number of OCTs and Soldiers for each MSC receiving certification.	Annual	798 Soldiers SRA certified FY15; total not comparable to prior years due to changes in stationing and military units included in report.
2-1.3	Percent of RCW clusters requiring painting, signing and/or fuel removal that received those maintenance activities on Fort Polk and KNF lands utilized by the Army for training.	Annual	Green (138 / 138 = 100%)
2-1.4	Trends for violation of range regulations for protection of the RCW.	Annual	No trend (n = 4)
2-1.6	Change in number of groups within the Vernon-Fort Polk RCW population	Annual	Amber (2014 change = +2%; 5-yr change = -7%; 1-yr increase and 5-yr population decline observed)

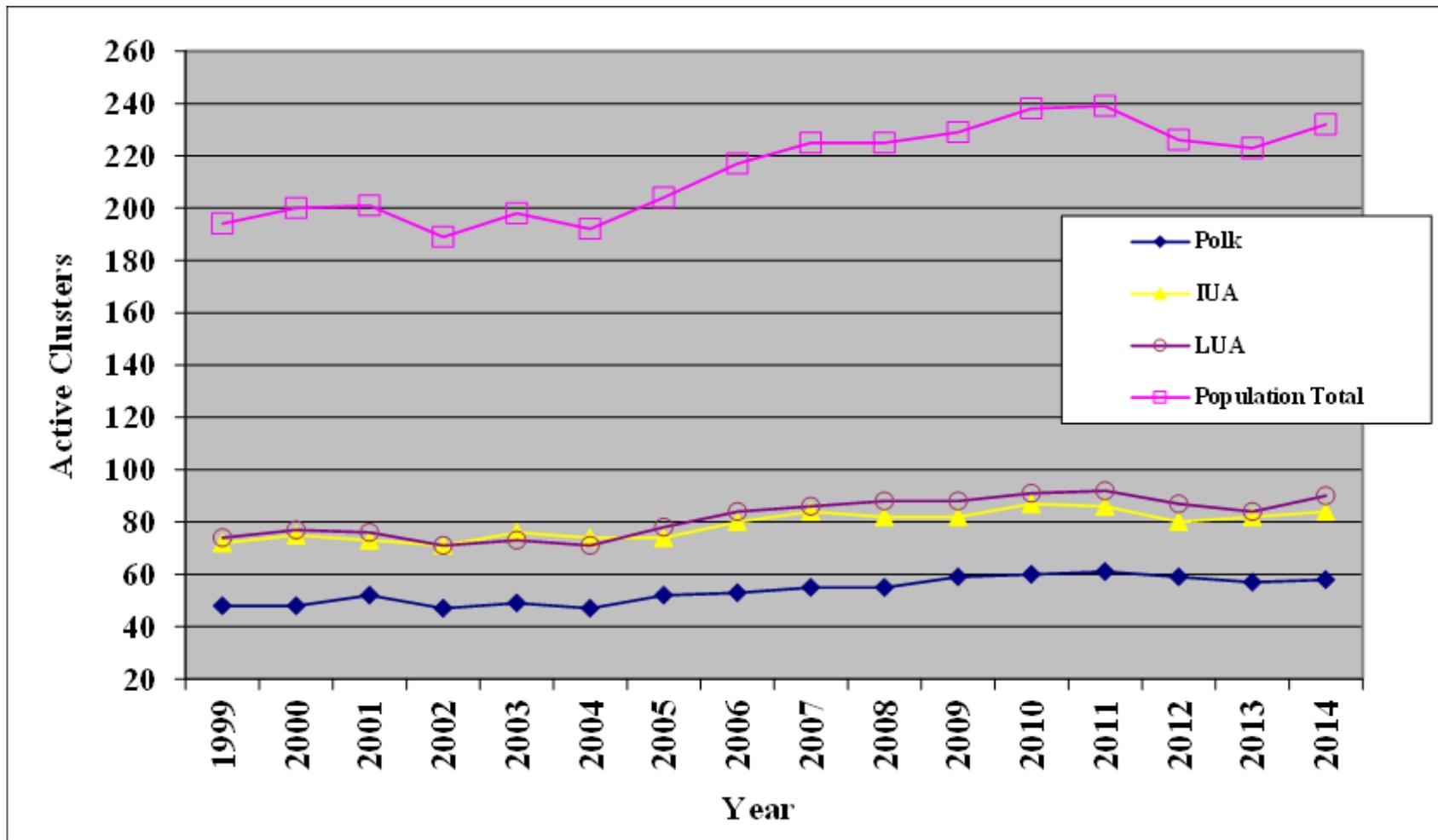


Task 2-1.6: Annual Change (λ) in Number of Groups in the Vernon-Fort Polk RCW Population as a Whole, 2000–2014



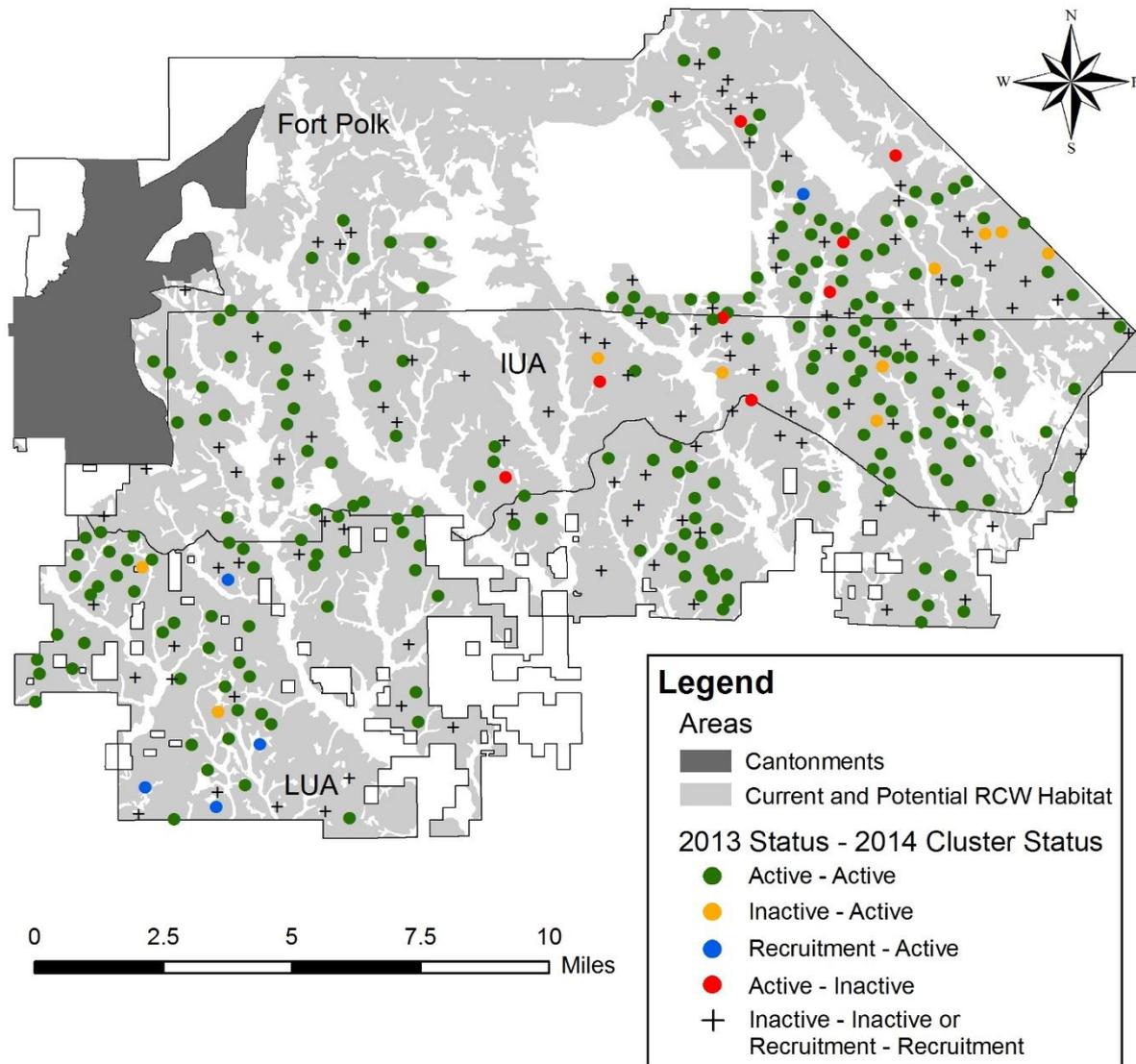


Task 2-1.6: Number of Active Clusters in Vernon-Fort Polk RCW Population for Each Administrative Unit and Population as a Whole, 1999-2014





Vernon-Fort Polk RCW Cluster Activity Status Transitions (from 2013 to 2014)





SEMP Task 2-1.3: Selected FY15 RCW Cluster Maintenance Accomplishments^c



Management Action	Fort Polk			Peason Ridge			Vernon Unit			Total		
	#Available ^a	#Completed ^b	%Completed	#Available	#Completed	%Completed	#Available	#Completed	%Completed	#Available	#Completed	%Completed
Buffer - Establish	0	0	N/A	0	0	N/A	0	0	N/A	0	0	N/A
Buffer - Repaint	0	0	N/A	0	0	N/A	1	1	100%	1	1	100%
Buffer - Sign	8	8	100%	4	4	100%	8	8	100%	20	20	100%
Remove Excess Fuel Around Trees	23	23	100%	13	13	100%	81	81	100%	117	117	100%
Total	31	31	100%	17	17	100%	90	90	100%	138	138	100%

Notes: ^a Number of clusters for which the management action was recommended; ^b Number of clusters where the recommended management action was completed. ^c Includes RCW cluster maintenance tasks specified in Limited Use Area Environmental Assessment, 2000.

SEMP Task 2-1.3 Performance Target Criteria

<p>GREEN: Maintenance was accomplished for greater than or equal to 90 percent of clusters that required maintenance on Army and Forest Service land (IUA and LUA).</p>	<p>AMBER: Maintenance was accomplished for 70-89 percent of clusters that required maintenance on Army and Forest Service land (IUA and LUA).</p>	<p>RED: Maintenance was accomplished for <70 percent of clusters that required maintenance on Army and Forest Service land (IUA and LUA).</p>
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Objective 2-2 FY15 Annual Monitoring Results Longleaf Pine Forest Management



Objective 2-2 Annual Results



Task#	Metric	Reporting Frequency	Performance Results
			FY 15
2-2.1	Percent of potential Red-cockaded Woodpecker (RCW) habitat acres (pine and pine-hardwood stands) for Fort Polk, Peason Ridge, Intensive Use Area (IUA) and Limited Use Area (LUA) that have been cruised for stand inventory within the 10-year entry cycle.	Annual	Red (Army totals = 100% in 10 years and 100% in 15 years; USFS totals = 45% in 10 years and 71% in 15 years; Overall totals = 71% in 10 years and 85% in 15 years.)
2-2.2A	Percent of pine and pine-hardwood forest acres that have received prescribed fire treatment within the 3 year target burning cycle.	Annual	Red (Army totals = 77% in 3 years and 84% in 5 years; USFS totals = 78% in 3 years and 92% in 5 years; Overall totals = 77% in 3 years and 88% in 5 years.)
2-2.2B	Percent of planned prescribed burning accomplished within RCW HMU (total area planned/total area burned based on burning plan map published 1 October).	Annual	Amber (Army total = 74% of planned FY15 RCW HMU burning completed; USFS total = 72% of planned FY15 RCW HMU burning completed; Overall total = 72% of planned FY15 RCW HMU burning completed)
2-2.3	Percent of cumulative IUA sale inventory and thinning goals accomplished, based on cumulative acres inventoried and sold.	Annual	Red (71% of cumulative inventory goal accomplished; 92% of cumulative sale goal accomplished.)
2-2.4	Percent of potential RCW habitat required to support the Vernon-Fort Polk and Peason Ridge RCW populations at recovery that is currently available.	Annual	Green (Estimated percent of required RCW habitat available \geq 105% for Vernon Fort Polk population and \geq 105% for Peason Ridge based on new population targets and habitat guidelines; ~32 acres on Fort Polk, 0 acres on Peason Ridge, and 0 acres on the Vernon Unit of current or potential RCW habitat were removed within the RCW HMUs in FY15.)



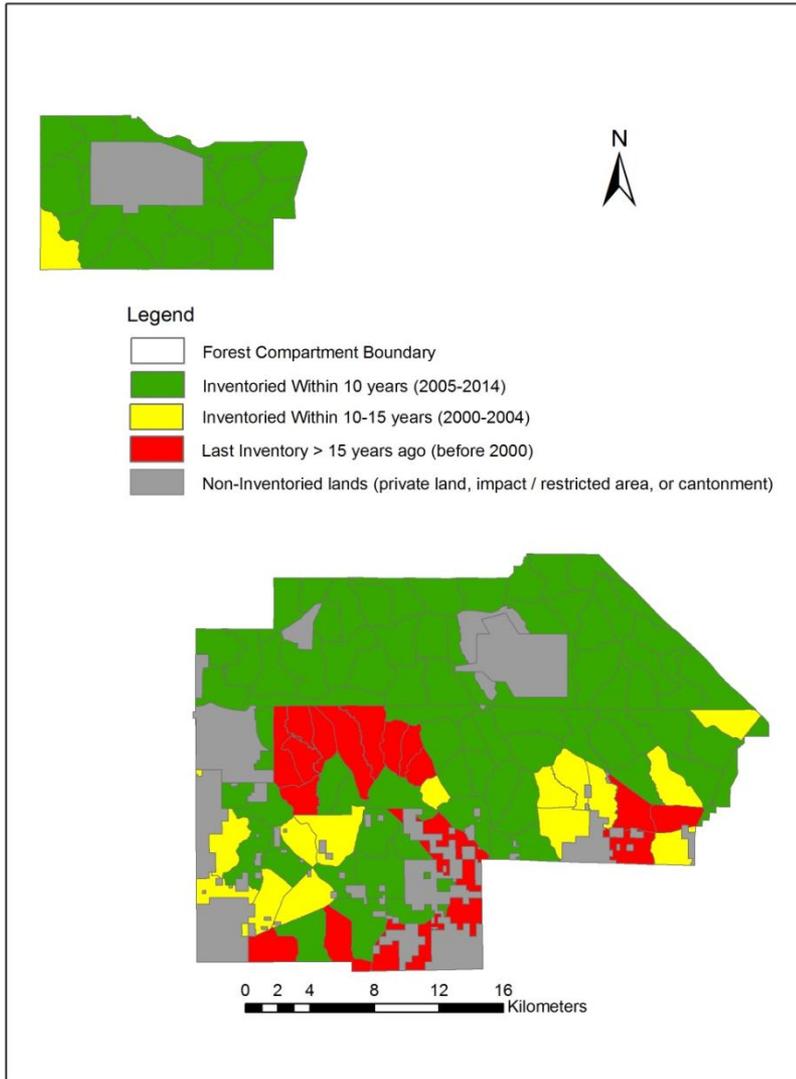
Task 2-2.1: Forest Inventory Status, FY15



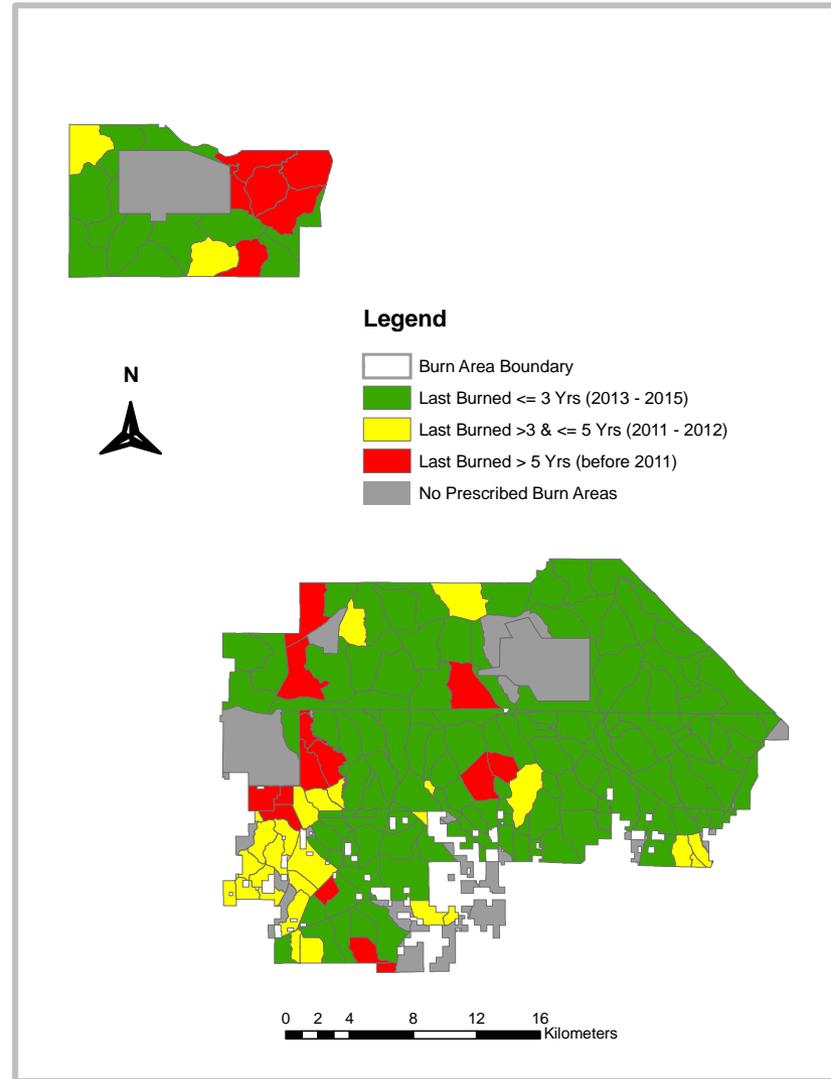
Management Area	Total Compartment Acres	Years Since Inventory	Compartment Inventory	
			Acres Inventoried	Percent of Total Acres
IUA	39,683	<=10	23,519	59.3%
		<=15	28,667	72.2%
LUA	45,909	<=10	14,971	32.6%
		<=15	32,224	70.2%
Vernon Total	85,592	<=10	38,491	45.0%
		<=15	60,891	71.1%
Polk	52,417	<=10	52,417	100.0%
		<=15	52,417	100.0%
Peason Ridge	26,702	<=10	26,702	100.0%
		<=15	26,702	100.0%
Army Total	79,119	<=10	79,119	100.0%
		<=15	79,119	100.0%
Grand Total	164,711	<=10	117,610	71.4%
		<=15	140,010	85.0%



Task 2-2.1: Forest Inventory Status, FY14 & FY15



FY14



FY15



Task 2-2.2A: Prescribed Burning Status, FY15



Management Area	Total Burnable Acres	Years Since Burn	Compartment Inventory	
			Acres Burned	Percent of Total Acres
IUA	39,790	<=3	32,881	83.8%
		<=5	34,961	87.9%
LUA	39,518	<=3	28,433	72.0%
		<=5	38,314	97.0%
Vernon Total	79,308	<=3	61,314	77.9%
		<=5	73,275	92.4%
Polk	52,417	<=3	44,722	85.3%
		<=5	47,138	89.9%
Peason	26,702	<=3	14,749	60.1%
		<=5	17,808	71.5%
Army Total	79,119	<=3	59,471	76.8%
		<=5	64,946	83.7%
Grand Total	158,427	<=3	120,785	77.4%
		<=5	138,221	88.1%



Task 2-2.2B: Prescribed Burning Status, FY14 & FY15



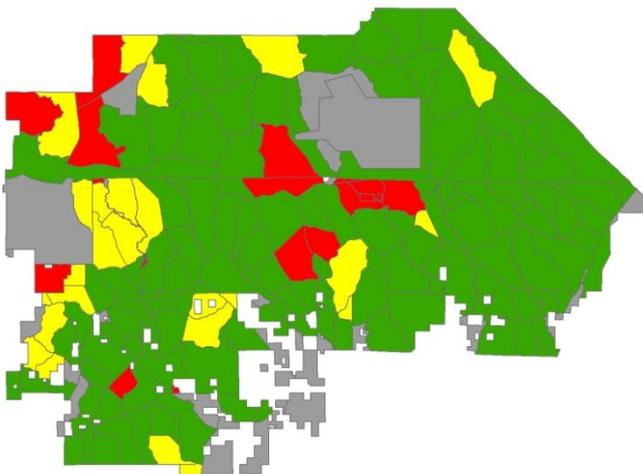
Legend

- Burn Area Boundary
- Last Burned <= 3 Yrs (2012 - 2014)
- Last Burned >3 & <= 5 Yrs (2010 - 2011)
- Last Burned > 5 Yrs (before 2010)
- No Prescribed Burn Areas



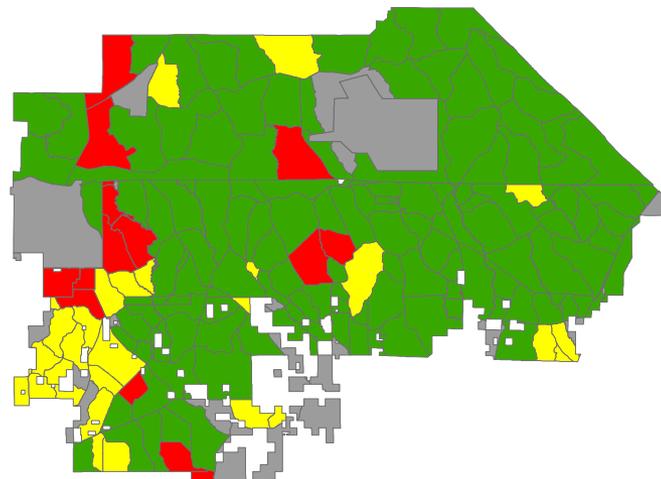
Legend

- Burn Area Boundary
- Last Burned <= 3 Yrs (2013 - 2015)
- Last Burned >3 & <= 5 Yrs (2011 - 2012)
- Last Burned > 5 Yrs (before 2011)
- No Prescribed Burn Areas



0 2 4 8 12 16 Kilometers

FY14



0 2 4 8 12 16 Kilometers

FY15

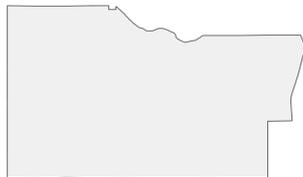
Task 2-2.2B: RCW HMU Prescribed Burning Annual Accomplishments, FY15



Admin Unit	HMU Acres	HMU Acres Scheduled for Burn	Scheduled and Burned FY15	% HMU Scheduled Acres Burned	Additional HMU Acres Burned	Total HMU Acres Burned FY15	% HMU Acres Burned in FY15
Vernon Unit*	85,951	32,346	23,144	72%	125	32,471	38%
Fort Polk	31,879	13,647	10,506	77%	904	11,411	36%
Peason Ridge	19,124	9,019	6,184	69%	0	6,184	32%
Army Total	51,003	22,666	16,690	74%	904	17,595	34%
Grand Total	136,954	55,011	39,834	72%	1,030	50,065	37%

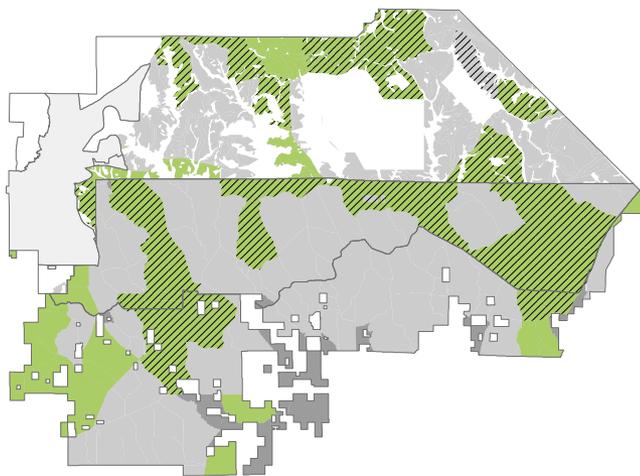


Task 2-2.2B: RCW HMU Prescribed Burning Annual Accomplishments, FY15



Legend

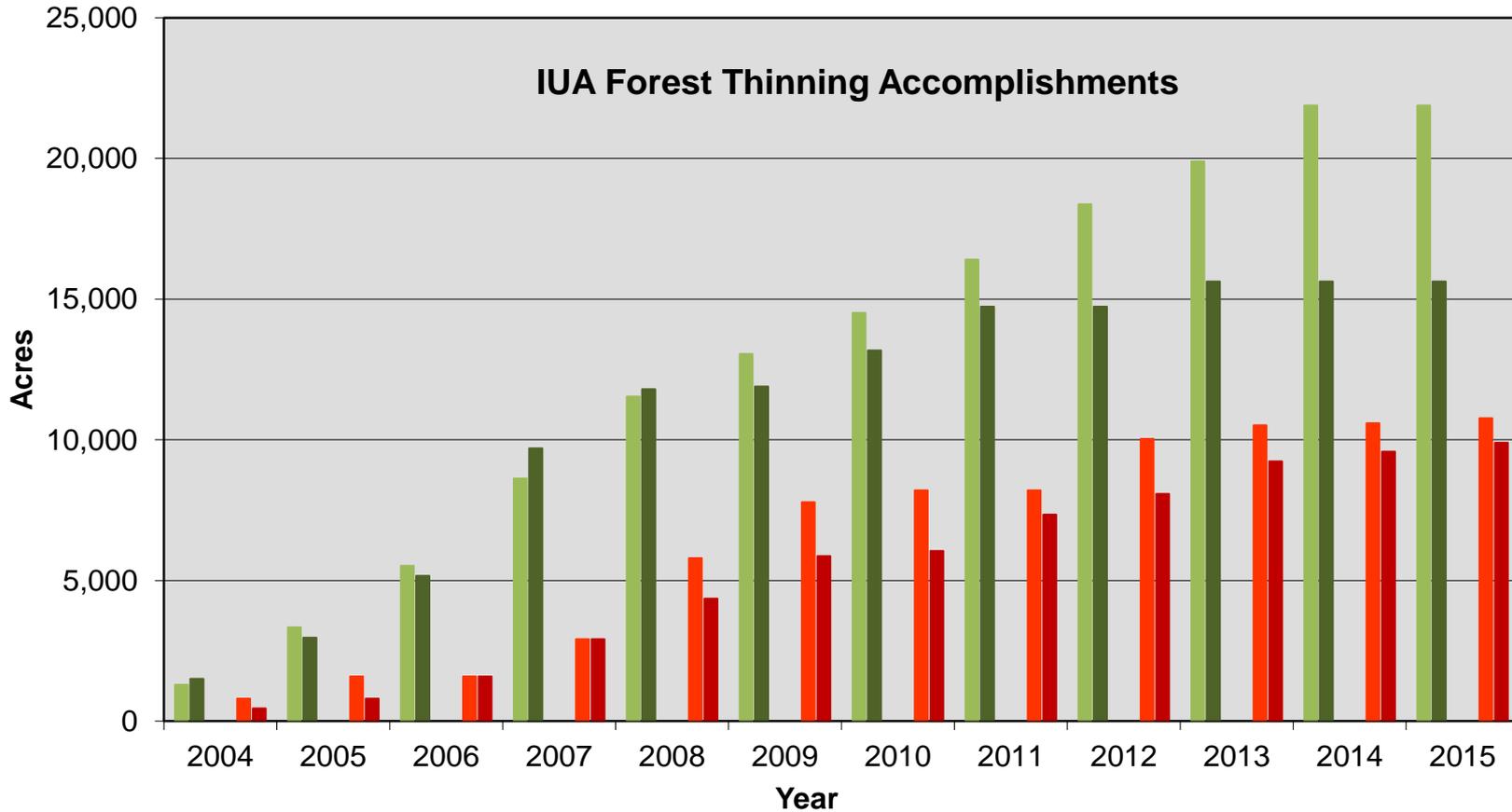
-  Area Burned in FY 2015
-  2015 Scheduled Prescribed Burns
-  RCW HMU - FY 2015 Burn Not Scheduled
-  Prescribe Burned Infrequently



0 2 4 8 12 16 Kilometers



Task 2-2.3: IUA Forest Thinning Status, FY15



■ Cumulative Initial IUA Acres Programmed for Inventory ■ Cumulative IUA Acres Inventoried for Sale
■ Cumulative Actual Acres Programmed for Sale ■ Cumulative Acres Sold



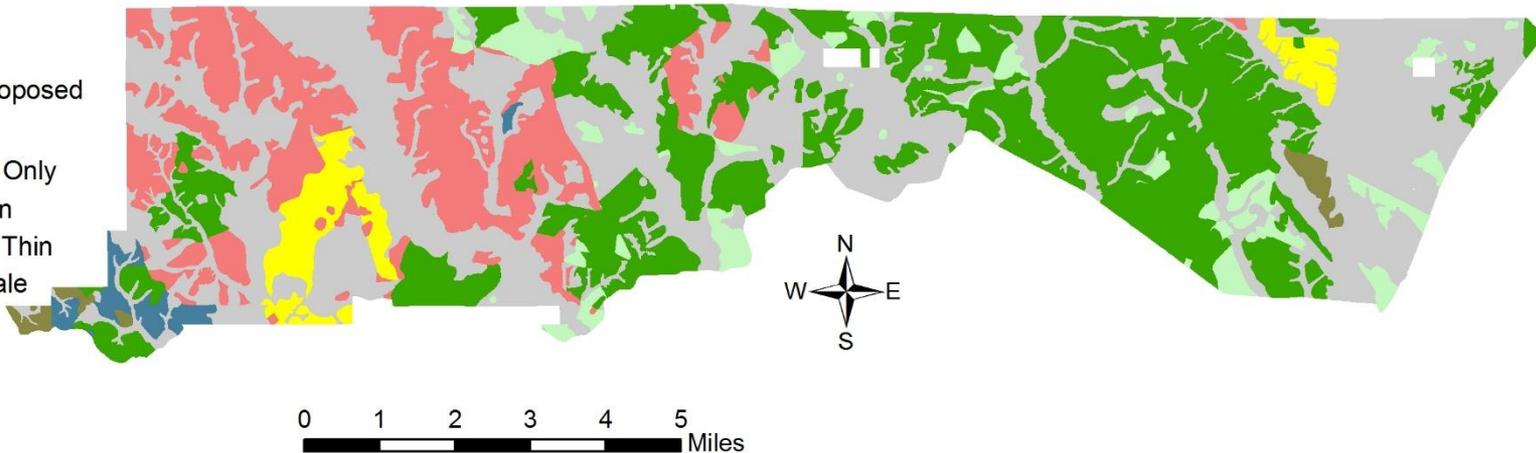
Task 2-2.3: IUA Forest Thinning Status, FY15



Legend

Thin Status

- No Thinning Proposed
- Not Evaluated
- Field Inventory Only
- Evaluated - Thin
- Evaluated - No Thin
- Prepared for Sale
- Sold
- Thinned





Objective 2-3

CY14/FY15 Annual Monitoring Results

Louisiana Pine Snake Conservation



Objective 2-3 Annual Results



Task#	Metric	Reporting Frequency	Performance Results
			CY14/FY15
2-3.1	Signature of US Fish and Wildlife Service approved CCA for the LPS on Fort Polk, Peason Ridge and the Vernon Unit.	Annual (CY)	Green: Revised CCA signed July 2013
2-3.2A	Percent of LPS habitat management unit (HMU) that has received prescribed fire in ≤ 3 years and ≤ 5 years.	Annual (FY)	Red (USFS totals = 86% in 3 years and 93% in 5 years; Army totals = 90% in 3 years and 96% in 5 years; Overall totals = 88% in 3 years and 94% in 5 years.)
2-3.2B	Percent of planned prescribed burning accomplished within LPS HMU (total area planned/total area burned).	Annual (FY)	Green (USFS total = 95% of planned FY15 LPS HMU burning completed; Army total = 79% of planned FY15 LPS HMU burning completed; Overall total = 89% of planned FY15 LPS HMU burning completed)
2-3.3A	Fort Polk and Peason Ridge: Total acres of timber harvested within the LPS HMU during the fiscal year.	Annual (FY)	N/A - 361 acres harvested on Main Post, 0 acres harvested on Peason Ridge w/in LPS HMU
2-3.3B	Vernon Unit: Forested acres thinned in the reporting year within LPS HMUs on the Vernon Unit to maintain sufficient light penetration for herbaceous understory vigor and "in accordance with accepted longleaf ecosystem management guidelines and Endangered Species management goals for RCW" (quoted from CCA).	Annual (FY)	N/A - 1,310 acres harvested on Vernon Unit w/in LPS HMU
2-3.4A	Percent of visitor kiosks and hunting check-in locations on Fort Polk, Peason Ridge and Vernon Unit with signage in place promoting LPS conservation.	Annual (CY)	Report beginning CY15 (April 2016)
2-3.4B	Percent of planned LPS outreach events/activities completed annually.	Annual (CY)	Red; 2 / 5 (40%) planned annual LPS outreach events conducted in FY14.
2-3.4C	Number of individuals attending LPS outreach events/booths sponsored by Fort Polk and Kisatchie National Forest, Vernon Unit, and change in number of attendees over time.	Annual (CY)	Report beginning CY15 (April 2016)
2-3.5	Instances of LPS mortality recorded on road and trail segments on Fort Polk, KNF Vernon Unit and Peason Ridge during field inspections or other surveys of convenience.	Annual (CY)	No LPS mortality observed in CY14 on Fort Polk and Peason Ridge (no data for Vernon Unit)



Objective 2-3 Annual Results Continued



Task#	Metric	Reporting Frequency	Performance Results
			CY14/FY15
2-3.6	Mean number of trap days per LPS capture by and across administrative units (Fort Polk, Peason Ridge, Vernon Unit, Kisatchie Ranger District, etc.) and LPS populations within which trapping occurred.	Annual (CY)	2 LPS captures on Fort Polk in CY14 (1,470 trap days/capture); no data for Vernon Unit; no LPS captures on Peason Ridge & Kisatchie RD (4,663 trap days)
2-3.7A	Number of OCTs and Soldiers for each MSC receiving certification.	Annual (FY)	798 Soldiers SRA certified FY15; total not comparable to prior years due to changes in stationing and military units included in report
2-3.7B	Percent of Environmental Compliance Officers (ECOs) that have completed the ECO training course.	Annual (FY)	Green (1st Qtr- 275 ECOs = 100% 2nd Qtr- 260 ECOs = 100% 3rd Qtr- 255 ECOs = 100% 4th Qtr- 255 ECOs = 100%)
2-3.8	Percent of permanent and semi-permanent projects within LPS HMUs for which a survey was conducted for pocket gopher mounds prior to start of the project.	Annual (FY)	Green (No projects required a PGM survey on Fort Polk or Peason Ridge; 1 project required PGM survey on the Vernon Unit, survey was conducted.)
2-3.9A	Acres within LPS HMUs on Fort Polk and the Vernon Unit, combined, and within the Peason Ridge HMU that were converted to an unsuitable land use in the reporting year, and across years since HMU adoption.	Annual (FY)	No LPS habitat conversions in 2014 on Fort Polk or Peason Ridge; 1/4 acre habitat removal w/in LPS HMU on the Vernon Unit.
2-3.9B	Total acres within LPS HMUs on Fort Polk and the Vernon Unit, combined, and within the Peason Ridge HMU remaining in a land use suitable for LPS use.	Annual (FY)	Vernon Unit: 61,399 Fort Polk: 22,882 Peason Ridge: 5,641 Army Total: 28,524 Grand Total: 89,923
2-3.10	Number of Erosion Control Blanket (ECB) best management practices (BMPs) recommended annually within Fort Polk and Vernon Unit LPS HMUs combined, and the Peason Ridge LPS HMU. (Note: the metric will track recommendations by Fort Polk ENRMD and Calcasieu District.)	Annual (FY)	No ECB's recommended by Fort Polk ENRMD or Vernon Unit in FY15.



Task 2-3.2A: FY15 LPS Habitat Management – Prescribed Burning Frequency



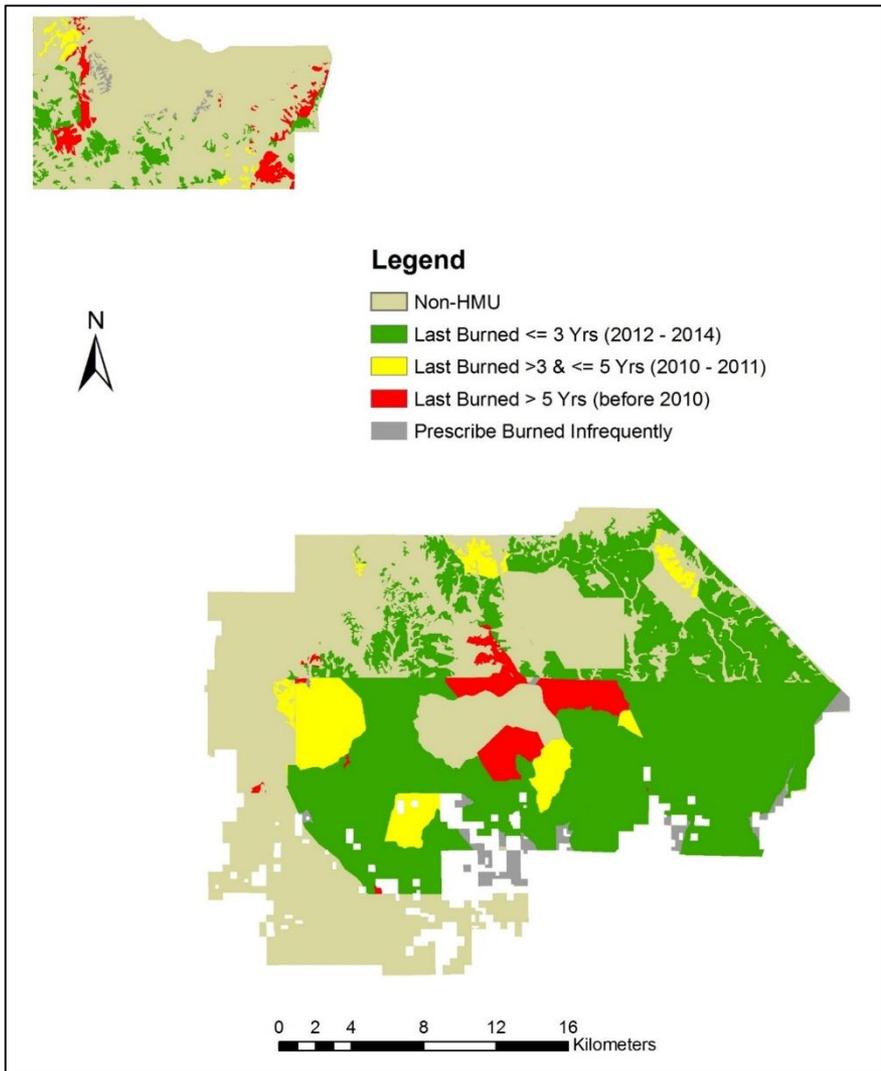
LPS Habitat Management Unit	Total Burnable Acres	Years Since Burn	Prescribed Burn	
			Acres Burned	Percent of Total Acres
Vernon Unit	58,883	<=3	50,261	86.2%
		<=5	54,904	93.2%
Polk	22,876	<=3	21,170	94.2%
		<=5	22,040	98.0%
Peason	5,258	<=3	3,729	73.7%
		<=5	4,356	85.3%
Army Total	28,133	<=3	24,899	90.2%
		<=5	26,396	95.6%
Grand Total	87,017	<=3	75,159	87.5%
		<=5	81,300	94.0%

^a Burnable acres excludes 1 and 353 HMU acres on Fort Polk and Peason Ridge, respectively, and 2,516 HMU acres on the Vernon Unit.

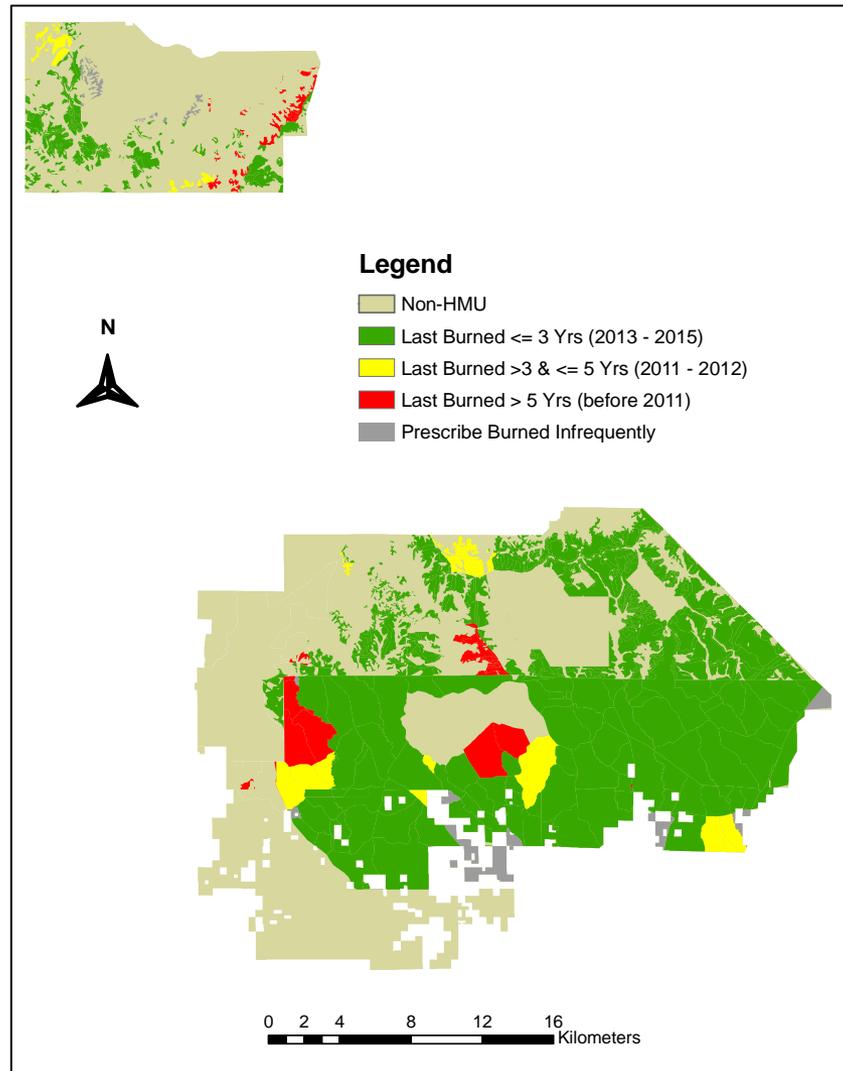
<p>Green Prescribed burning was completed for ≥ 90% of LPS HMU acres in ≤ 3 years and 100% of these acres in ≤ 5 years.</p>	<p>Amber Prescribed burning was completed for < 90% of LPS HMU acres in ≤ 3 years or < 100% of these acres in ≤ 5 years; and prescribed burning was completed for ≥ 80% of the area in ≤ 3 years and ≥ 95 % of the area in ≤ 5 years.</p>	<p>Red Prescribed burning was completed for < 80% of LPS HMU acres in ≤ 3 years; or < 95% of these acres in ≤ 5 years.</p>
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Task 2-3.2A: FY15 LPS Habitat Management – Prescribed Burning Frequency



FY14



FY15



Task 2-3.2B: FY15 LPS Habitat Management – Prescribed Burning Annual Accomplishments

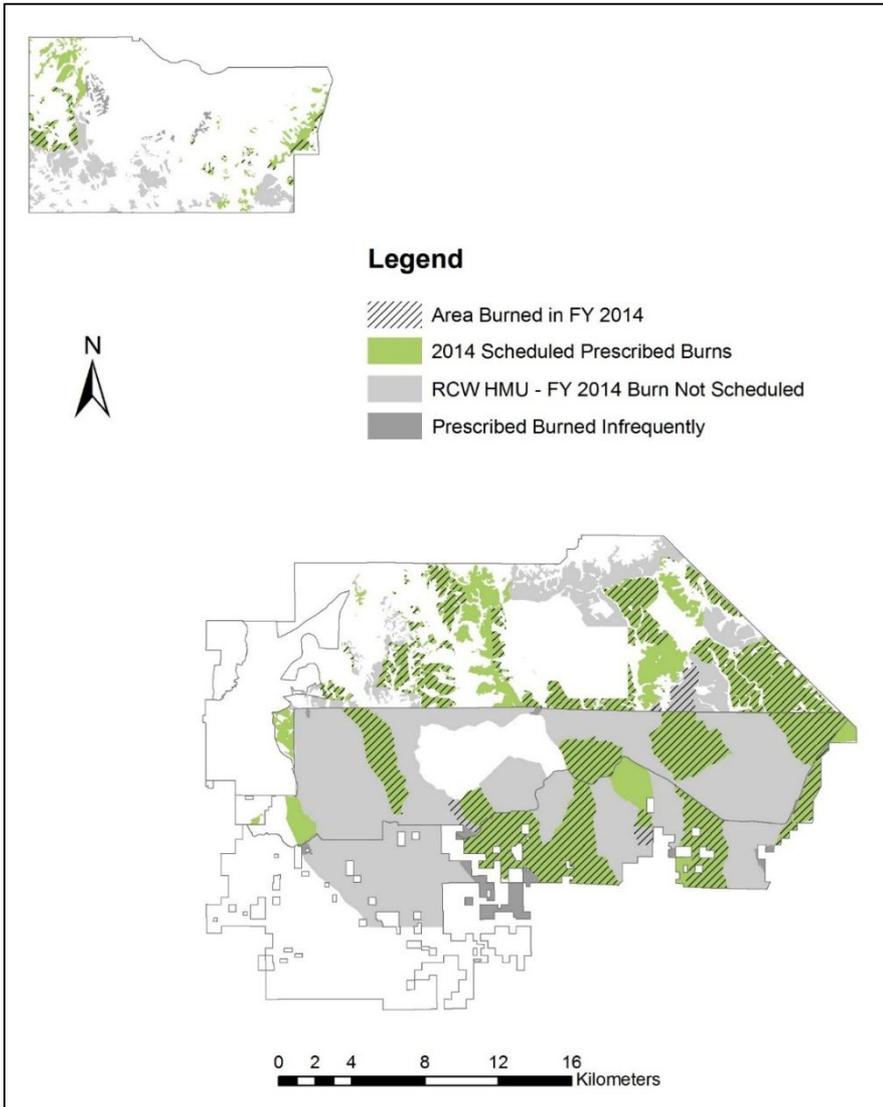


Admin Unit	HMU Acres	HMU Acres Scheduled for Burn	Scheduled and Burned FY14	% HMU Scheduled Acres Burned	Additional HMU Acres Burned	Total HMU Acres Burned FY14	% HMU Acres Burned in FY14
Vernon Unit	58,883	22,725	21,677	95%	100	21,776	37%
Fort Polk	22,877	9,765	7,610	78%	629	8,240	36%
Peason Ridge	5,610	3,138	2,594	83%	0	2,594	46%
Army Total	28,487	12,903	10,204	79%	629	10,834	38%
Grand Total	87,370	35,628	31,881	89%	729	32,610	37%

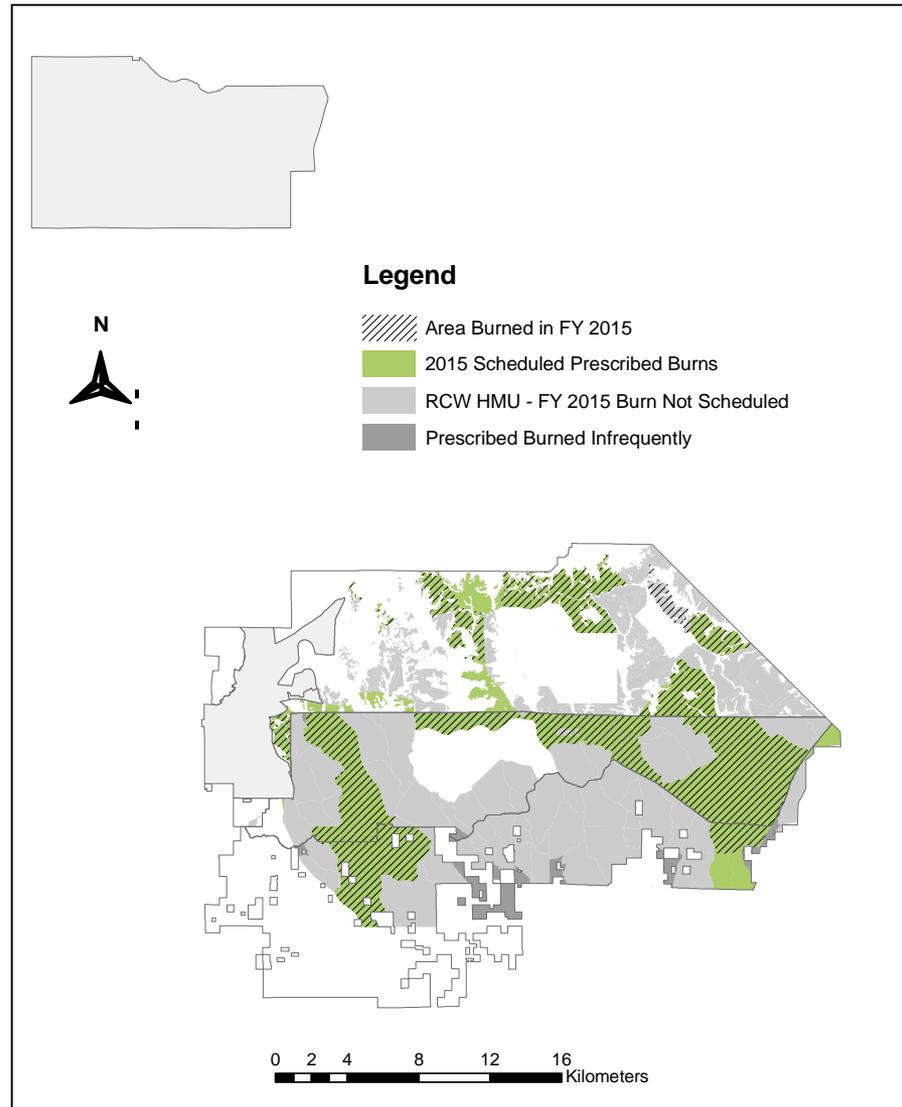
<p>Green ≥ 75% of planned burning within LPS HMU was accomplished during the fiscal year.</p>	<p>Amber < 75% and > 50% of planned burning within LPS HMU was accomplished during the fiscal year.</p>	<p>Red < 50% of planned burning was accomplished within LPS HMU was accomplished during the fiscal year.</p>
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Task 2-3.2B: FY15 LPS HMU Habitat Management – Prescribed Burning Annual Accomplishments



FY14



FY15



Objective 2-4 FY15 Annual Monitoring Results Bog Mapping and Monitoring



Objective 2-4 Annual Results



Task#	Metric	Reporting Frequency	Performance Results
			FY15
2-4.2	Fort Polk, KNF Vernon Unit and Peason Ridge bog map layer(s) and data tables are updated annually to reflect monitoring results (see Tasks 2-4.1 and 2-4.3).	Annual	Green: annual update completed by 30 September.
2-4.3	Annual percentage of “high quality” and potentially “at risk” bogs inspected for military impacts.	Annual	Green; 101 / 101 = 101% of high quality/at risk bogs were inspected for military impacts.
2-4.4	Percent of “high quality” and potentially “at risk” bogs on Fort Polk, Peason Ridge and the Vernon Unit requiring signage that have adequate signage.	Annual	Green: 14 / 14 = 100% of high quality/at risk bogs needing signage were marked with signage.
2-4.5	Percent of “high quality” and potentially “at risk” bogs directly impacted by military activities. (See definition in Task 2-4.3)	Annual	Green; no high quality/at risk bogs were impacted by military activities.



Objective 3-1

FY15 Annual Monitoring Results

Integration of

Master Planning, Engineering and

Environmental Concerns



Objective 3-1 Annual Results



Task#	Metric	Reporting Frequency	Performance Results
			FY15
3-1.1	Screening/Alternatives Analysis for Siting of New Facilities	Annual	Green (3 / 3 = 100% of facilities requiring an environmental screening/ alternatives analysis followed the SEMP process for screening/ alternatives analysis.)
3-1.2A	Sustainable Site Credits for LEED-NC ⁰ Projects Percentage of candidate new construction and major renovation projects achieving LEED-NC ⁰ 2.2 Site Selection (SS) Credit.	Annual	Green (3 / 3 = 100% of MILCON projects completed in FY15 [BOD] achieved SS Credit 1. See detail spreadsheet.)
3-1.2B	Sustainable Site Credits for LEED-NC ⁰ Projects Percentage of candidate new construction and major renovation projects achieving LEED-NC ⁰ 2.2 Site Selection (SS) Credit 5.1.		Red (0 / 3 = 0% of MILCON projects completed in FY15 [BOD] achieved SS Credit 5.1. See detail spreadsheet.)
3-1.3A	MILCON Facilities Constructed to LEED-NC ⁰ Silver Percent of LEED-NC candidate MILCON (new construction and major renovation) projects that are certified to achieve LEED-NC ⁰ 2.2 Silver or higher standards.	Annual	Red (1 / 2 = 50% of MILCON projects completed in FY15 [BOD] achieved or were projected to achieve LEED Silver or higher based on proposed and final LEED scorecards)
3-1.3B	Non-MILCON Facilities Constructed to LEED ⁰ Silver Percent of LEED-NC candidate non-MILCON (new construction) projects that are certified to achieve LEED-NC ⁰ 2.2 Silver or higher standards. Note: Certification may be conducted by the USGBC or the project team, per Army guidance.	Annual	N/A, metric not yet approved



Objective 3-1 Annual Results Continued



Task#	Metric	Reporting Frequency	Performance Results
			FY15
3-1.4A	Green Building Energy Savings – New Construction: Annual energy consumption (kWh/sf/yr and/or Btu/sf/yr) one year post-occupancy for candidate LEED-NC permanent new construction buildings, as compared to: (a) the energy consumption for standard construction (baseline) building of similar type, as modeled using ASHRAE 90.1-2004 (or most current accepted model), and (b) the predicted (design) energy consumption for the building.	Annual	Red (No data available. Data collection protocol not developed.)
3-1.4B	Green Building Energy Savings – Major Renovation and Repair: Annual energy consumption (kWh/sf/yr and/or Btu/sf/yr) one year post-occupancy for candidate LEED-NC major renovation/repair buildings, as compared to: (a) the energy consumption for standard construction (baseline) building of similar type, as modeled using ASHRAE 90.1-2004 (or most current accepted model), and (b) the predicted (design) energy consumption for the building.	Annual	Red (No data available. Data collection protocol for energy performance not developed.)
3-1.5	Green Building Water Savings – New Const. & Major Renovation/ Repair: Actual total water use (gal/FTE/yr and/or gal/sf/yr) not including irrigation, one year post-occupancy for candidate LEED-NC permanent new construction and major renovation buildings, as compared to the water consumption baseline calculated for the building, based on EPA 1992 fixture flush/flow rate default values.	Annual	Red (No data available. Data collection protocol for water conservation not developed.)
3-1.6	Green Building Lifecycle Cost Savings – New Construction and Major Renovation/Repair: Estimated payback period (increased first cost / energy cost savings per year for the building) for LEED-NC candidate new construction and major renovation buildings.	Annual	Red (No data available. Data collection protocol for life cycle cost savings/payback period not developed.)



Tasks 3-1.2A, 3-1.2B and 3-1.3A: Sustainable Site Credits and LEED Scores, FY15



FY	PROJECT NUMBER (PN)	BLDG#	PROJECT NAME	AWARDED AMOUNT (\$K)	COMMAND (IMCOM, TRADOC, ETC.)	AWARD DATE	BOD	LEED SCORE CARD STATUS	Task 3-1.3A (LEED Silver / Higher)	Task 3-1.2A (Credit SS 1)	Task 3-1.2B (Credit SS 5.1)
FY 08	54785	601	School Age Service Center	\$7,835	IMCOM	5-Aug-01	9-Jul-15	Proposed / Gold	Yes (Pending)	Yes	No
FY 12	64415	2460	MEB Company Operations Facility	\$10,283	IMCOM	23-Mar-12	17-Sep-15	Proposed / Silver Certifiable	No	Yes	No
FY14	82268	3535P	PREPO Expansion	\$1,748	FORSCOM	30-Sep-14	8-Jul-15	Silver as Applicable	No	Yes	No
SEMP Objective 3-1 / Tasks									No. of Projects	Number Meeting	Percent Meeting
3-1.2A	Percentage of Projects Completed in FY15 Meeting LEED Credit SS 1 (includes certified and uncertified projects with final and proposed LEED scores)								3	3	100.00%
3-1.2B	Percentage of Projects Completed in FY15 Meeting LEED Credit SS 5.1 (includes certified and uncertified projects with final and proposed LEED scores)								3	0	0.00%
3-1.3A	Percentage of Projects Completed in FY15 Meeting LEED Silver Certified or Higher (includes certified and uncertified projects with final and proposed LEED scores)								2	1	50.00%



Objective 4-1

FY15 Quarterly and Annual Monitoring Results

Hunting and Other Recreational Opportunities



Objective 4-1 Annual Results



Task#	Metric	Reporting Frequency	Performance Results			
			1 QTR 15	2 QTR 15	3 QTR 15	4 QTR 15
4-1.1A	Average percent of time per month that Fort Polk hunting website and Limited Use Area (LUA) and Special Limited Use Area (SLUA) website are operational.	Quarterly	Green (99% uptime)	Green (99% uptime)	Green (99% uptime)	Green (99% uptime)
4-1.1B	Date of last webmaster update to the hunting and LUA/SLUA websites.	Quarterly	Green (Content updated for both web sites)	Green (Content updated for both web sites)	Green (Content updated for both web sites)	Green (Content updated for both web sites)
4-1.2	Percent of total hunting acre-day capacity that is open for hunting during periods of interest in the LUA and in the Fort Polk-Vernon and Peason Wildlife Management Areas (WMAs).	Annual	TBD (Annual)	TBD (Annual)	Green (100% LUA, 76% Fort Polk-Vernon WMA, 86% Peason Ridge WMA open for hunting. Note: new training lands added to Peason Ridge WMA this year.)	Green - Reported 3rd Qtr FY15 (100% LUA, 76% Fort Polk-Vernon WMA, 86% Peason Ridge WMA open for hunting. Note: new training lands added to Peason Ridge WMA this year.)
4-1.3	Percent of total commercial or non-commercial special use or group recreational events that were denied in the LUA/SLUA due to conflicts with military use.	Annual	TBD (Annual)	TBD (Annual)	TBD (Annual)	Green (No LUA recreational events denied or conflicts with military use reported.)
4-1.4	Revised metric (approved 24 April 14): Number of OCTs and Soldiers for each MSC receiving certification.	Annual	TBD (Annual)	TBD (Annual)	TBD (Annual)	No trend (798 Soldiers SRA certified FY15; total not comparable to prior years due to changes in stationing and military units included in report)
4-1.5	Frequency of public feedback (positive/negative) on the availability and content of public information on training schedules in the LUA, SLUA, Fort Polk-Vernon and Peason WMAs.	Annual	TBD (Annual)	TBD (Annual)	TBD (Annual)	No trend (No comments received in 2015)



Objective 4-1 Annual Results Continued



Task#	Metric	Reporting Frequency	Performance Results			
			1 QTR 15	2 QTR 15	3 QTR 15	4 QTR 15
4-1.6	Estimated rate of change in percent of total annual hunting acre-day capacity that is open for hunting ("percent open for hunting") over the past five year period, reported by area (LUA, Fort Polk-Vernon and Peason WMAs). Annual training utilization rate, by area.	Annual	TBD (Annual)	TBD (Annual)	Green (LUA = no change; Fort Polk-Vernon WMA = 10% increase; Peason Ridge WMA - 75% increase; increases not statistically significant)	Green (LUA = no change; Fort Polk-Vernon WMA = 10% increase; Peason Ridge WMA - 75% increase; increases not statistically significant)
4-1.7	Trends for violations of range regulations restricting military use of recreational facilities or maintained trails in the LUA and SLUA.	Annual	TBD (Annual)	TBD (Annual)	TBD (Annual)	No trend (n = 0)
4-1.8	Weight of evidence of impacts (to hunting and other approved recreational uses of the WMAs, LUA and SLUA) based on annual results for the following tasks: 4-1.1, 4-1.2, 4-1.3, and 4-1.6.	Annual	TBD (Annual)	TBD (Annual)	TBD (Annual)	Green (4 points)



Task 4-1.2: Fort Polk-Vernon and Peason Ridge WMAs Hunting Availability 2014-2015



Hunting Season	Measure	Fort Polk – Vernon	Peason Ridge	Total (Installation Wide)
Opening Weekend - Squirrel Season (04 OCT - 05 OCT)	% Acre-Days Available	65.29%	72.32%	67.89%
Thanksgiving Weekend – Deer (28 NOV – 30 NOV) (bow-only areas excluded)	% Acre-Days Available	91.74%	90.96%	91.44%
Opening Weekend - Turkey Season (28 MAR - 29 MAR)	% Acre-Days Available	64.19%	90.96%	74.11%
Seasons of Interest Total (Squirrel, Deer, Turkey Weekends)	% Acre-Days Available	75.96%	85.63%	79.59%
Overall Hunting Season (06 SEP - 28 FEB and 28 MAR - 26 APR)	% Acre-Days Available	45.46%	46.86%	45.95%

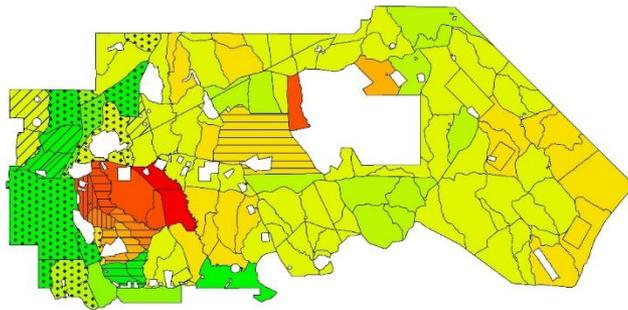
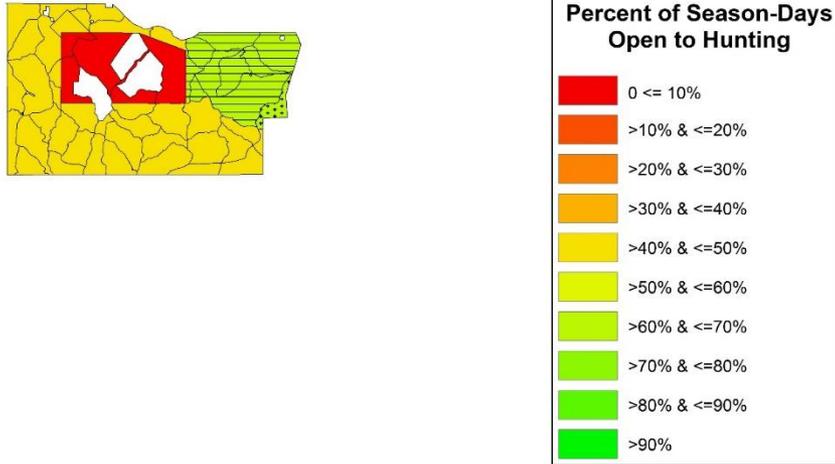


Task 4-1.6: Hunting Opportunities (Fall / Winter)



2013-14 Fall/Winter Hunting Seasons

(07 September 2013 thru 28 February 2014)



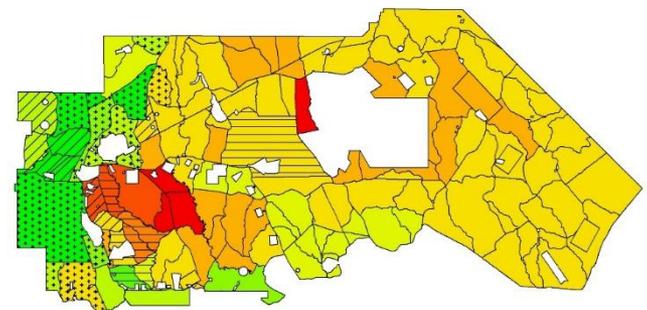
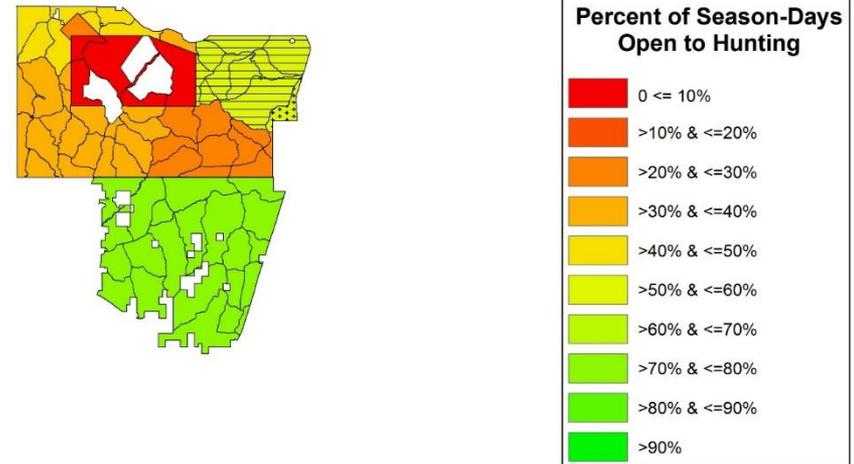
0 2.5 5 10 Miles

Hunting Permitted

- Closed to Hunting
- No Gun Hunting, Bow Only
- Bow - Shotgun Only
- Bow, Shotgun (Slug), and Blackpowder for Deer, Small Game, and Turkey
- No Deer Hunting w/ Firearms, Shotgun Only for Small Game and Turkey

2014-15 Fall/Winter Hunting Seasons

(06 September 2014 thru 28 February 2015)



0 2.5 5 10 Miles

Hunting Permitted

- Closed to Hunting
- No Gun Hunting, Bow Only
- Bow - Shotgun Only
- Bow, Shotgun (Slug), and Blackpowder for Deer, Small Game, and Turkey
- No Deer Hunting w/ Firearms, Shotgun Only for Small Game and Turkey

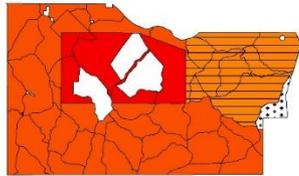


Task 4-1.6: Hunting Opportunities (Turkey)

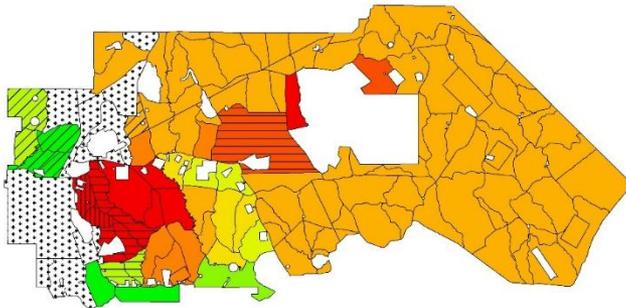
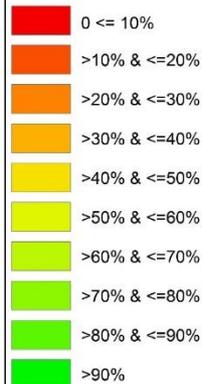


2014 Turkey Hunting Season

(22 March 2014 thru 20 April 2014)

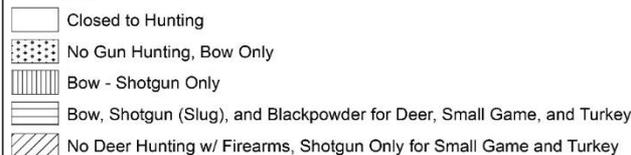


Percent of Season-Days Open to Hunting



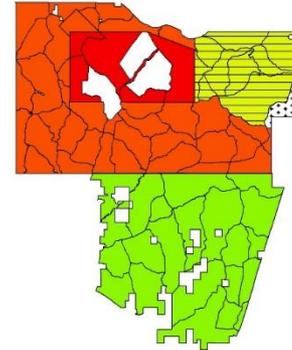
0 2.5 5 10 Miles

Hunting Permitted

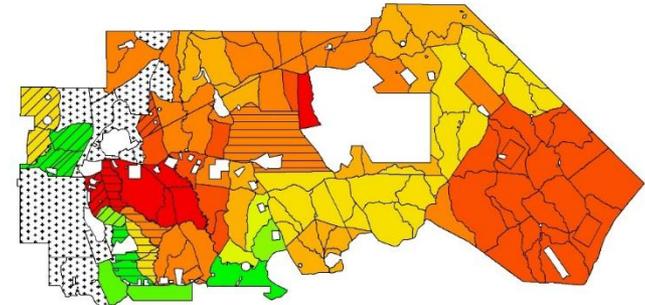


2015 Spring Turkey Season

(28 March thru 26 April 2015)

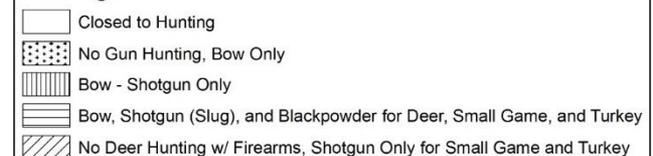


Percent of Season-Days Open to Hunting



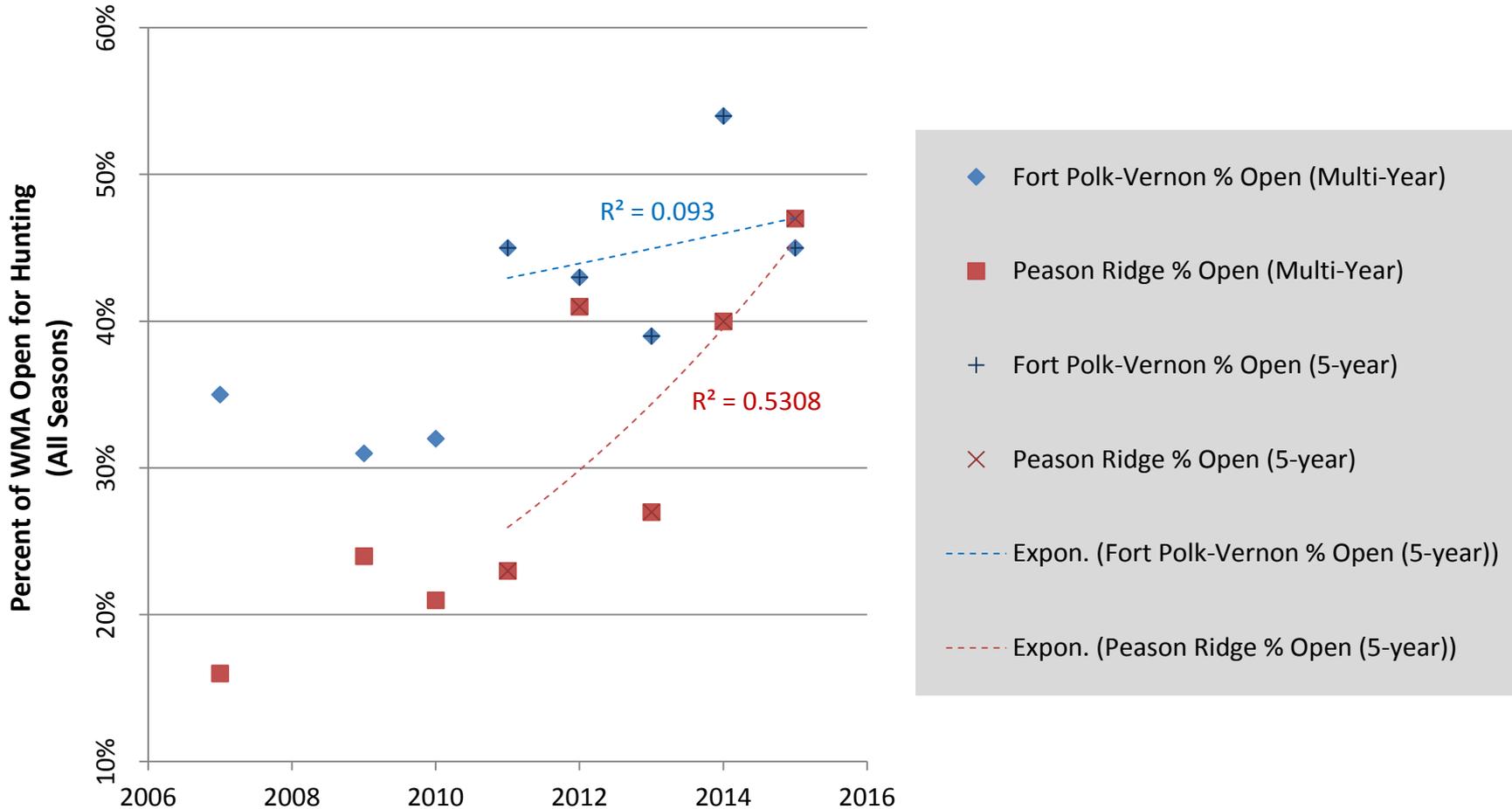
0 2.5 5 10 Miles

Hunting Permitted





Task 4-1.6: Percent Change in Hunting Opportunities Fort Polk-Vernon and Peason WMAs, 2007-2015



- Percent change over 5 years – Fort Polk-Vernon: 10% (LL Lambda = 0.77 UL Lambda = 1.55)
- Percent change over 5 years – Peason Ridge: 75% (LL Lamba = 0.91 UL Lambda = 3.36)



Supplemental Hunting Opportunities Report – Dove Season, Fall 2014



		Fort Polk- Vernon	Peason Ridge	Total (Installation Wide)
Opening Weekend - Dove Season (06 SEP - 07 SEP)	Acreage Available Day 1	35,572	29,899	65,471
	Acreage Available Day 2	35,572	24,510	60,082
	Actual Acre-Days Available	71,144	54,409	125,553
	Total Possible Acres	82,527	48,596	131,123
	Total Possible Acre-Days	165,054	97,192	262,246
	% Available	43.10%	55.98%	47.88%



Objective 4-2

FY15 Quarterly and Annual Monitoring Results

Quality of Life for Installation Neighbors: Noise, Wildfires and Road Conditions



Objective 4-2 Annual Results



Task#	Metric	Reporting Frequency	Performance Results			
			1 QTR 15	2 QTR 15	3 QTR 15	4 QTR 15
4-2.1	Number of operating days/year for LUA and Peason Ridge noise monitors (monitor-days/year).	Quarterly	Green: LUA noise monitors: 97% operational; Peason Ridge monitors: ≥ 91% operational; unable to access monitor #13 during Dec 2014 due to training.	Green: LUA noise monitors: 92% operational; Peason Ridge monitors: 98% operational.	Green: LUA noise monitors: 92% operational; Peason Ridge monitors: 95% operational.	Green: LUA noise monitors: 99% operational; Peason Ridge monitors: 92% operational.
4-2.2	Number of validated noise complaints. Note: the term "validated" indicates that military activities were confirmed to be the cause of the noise resulting in the complaint.	Quarterly	Green (No noise complaints in 1st quarter.)	Red: Two valid noise complaints received in the 2nd quarter (15 Jan - Anacoco bomb drop complaint; 26 Jan - Woodworth helicopter complaint.	Red: Two valid noise complaints received in the 3rd quarter (19 and 20 May complaints resulting from bomb drops at Peason Ridge.	Green: No noise complaints in 4th quarter.
4-2.3	Percent of private land line miles in LUA maintained within 8 years and percent maintained within 10 years.	Annual	N/A Annual	N/A Annual	N/A Annual	Red: 50% of land lines maintained within 8 years and 50% maintained within 10 years (135.6 miles total).
4-2.4	Frequency of observed/reported incidents of trespass onto private lands in the LUA or SLUA based on Range Control clearance inspections and public complaints.	Annual	N/A Annual	N/A Annual	N/A Annual	Green: no known incidents of military trespass onto private property in the LUA during FY15.
4-2.5	Percent of fire lines (miles) maintained annually.	Annual	N/A Annual	N/A Annual	N/A Annual	Red (46 / 82 = 56% of LUA fire lines maintained.)



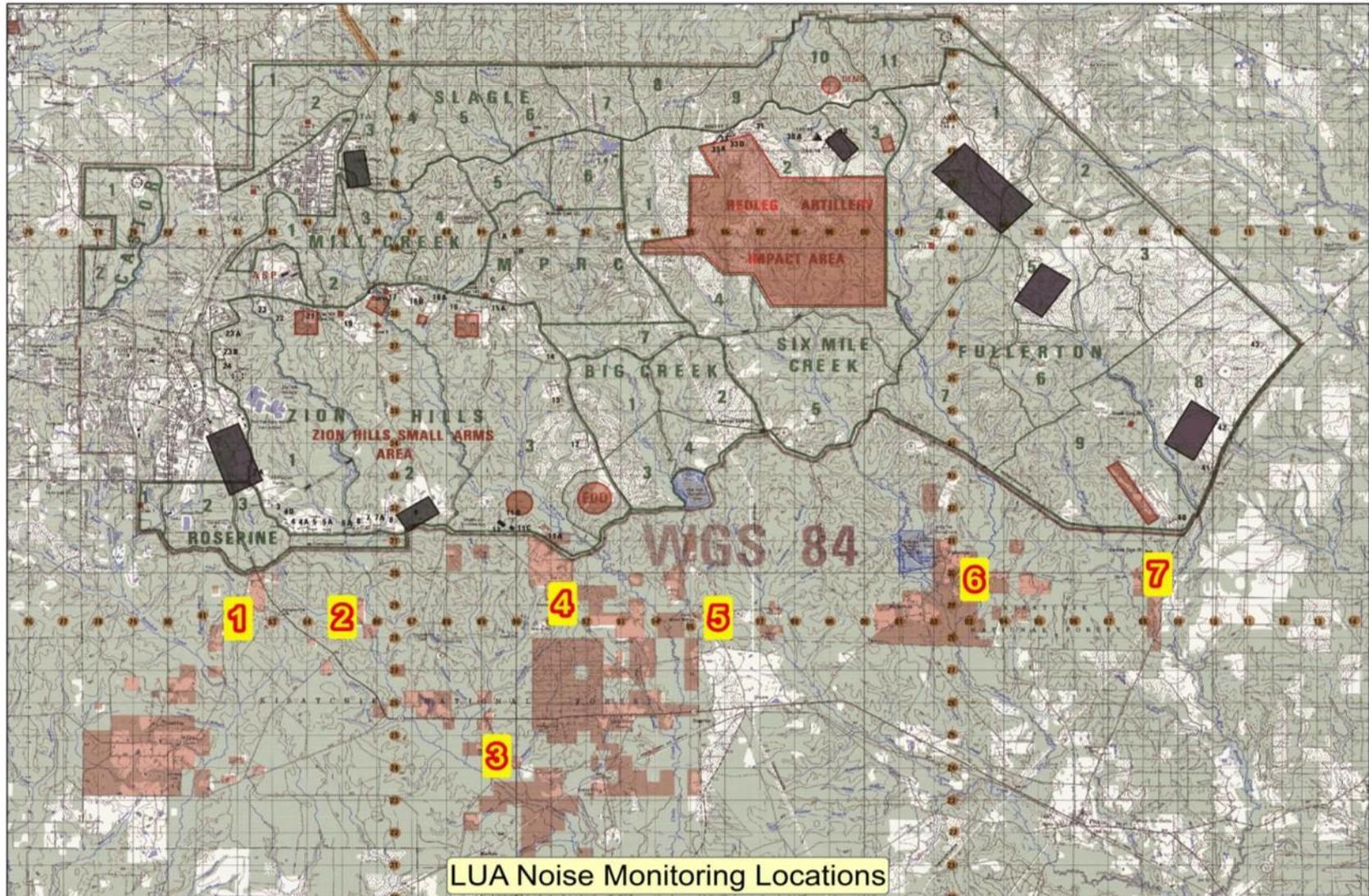
Objective 4-2 Annual Results



Task#	Metric	Reporting Frequency	Performance Results			
			1 QTR 15	2 QTR 15	3 QTR 15	4 QTR 15
4-2.6A	Number of high risk (Amber/Red/Black) fire days.	Quarterly	Green: 92 (100%); Amber: 0 (0%); Red: 0 (0%); Black: 0 (0%)	Green: 90 (100%); Amber: 0 (0%); Red: 0 (0%); Black: 0 (0%)	Green: 91 (100%); Amber: 0 (0%); Red: 0 (0%); Black: 0 (0%)	Green: 41 (100%); Amber: 51 (0%); Red: 0 (0%); Black: 0 (0%)
4-2.6B	Number of wildfires reported to NRMB that are caused by military operations (live fire or use of other incendiary devices on range or maneuver training areas) during high risk fire days.	Quarterly	Green: 9 (100%); Amber: 0 (0%); Red: 0 (0%); Black: 0 (0%)	Green: 21 (100%); Amber: 0 (0%); Red: 0 (0%); Black: 0 (0%)	Green: 18 (100%); Amber: 0 (0%); Red: 0 (0%); Black: 0 (0%)	Green: 8 (100%); Amber: 15 (0%); Red: 0 (0%); Black: 0 (0%)
4-2.6C	Total acreage of wildfires reported to NRMB that are caused by military operations (live fire or use of other incendiary devices on range or maneuver training areas) during high risk fire days.	Quarterly	Green: 101 (100%); Amber: 0 (0%); Red: 0 (0%); Black: 0 (0%)	Green: 2,067 (100%); Amber: 0 (0%); Red: 0 (0%); Black: 0 (0%)	Green: 414 (100%); Amber: 0 (0%); Red: 0 (0%); Black: 0 (0%)	Green: 226 (100%); Amber: 230 (0%); Red: 0 (0%); Black: 0 (0%)
4-2.7	Completion of annual LUA fire drill.	Annual	N/A Annual	N/A Annual	N/A Annual	Green: LUA fire drill completed 26 March 2015
4-2.8	Number of wildfires on private property resulting from military activities.	Quarterly	Green No military-caused wildfires occurred/ extended off-post	Green No military-caused wildfires occurred/ extended off-post	Green No military-caused wildfires occurred/ extended off-post	Green No military-caused wildfires occurred/ extended off-post

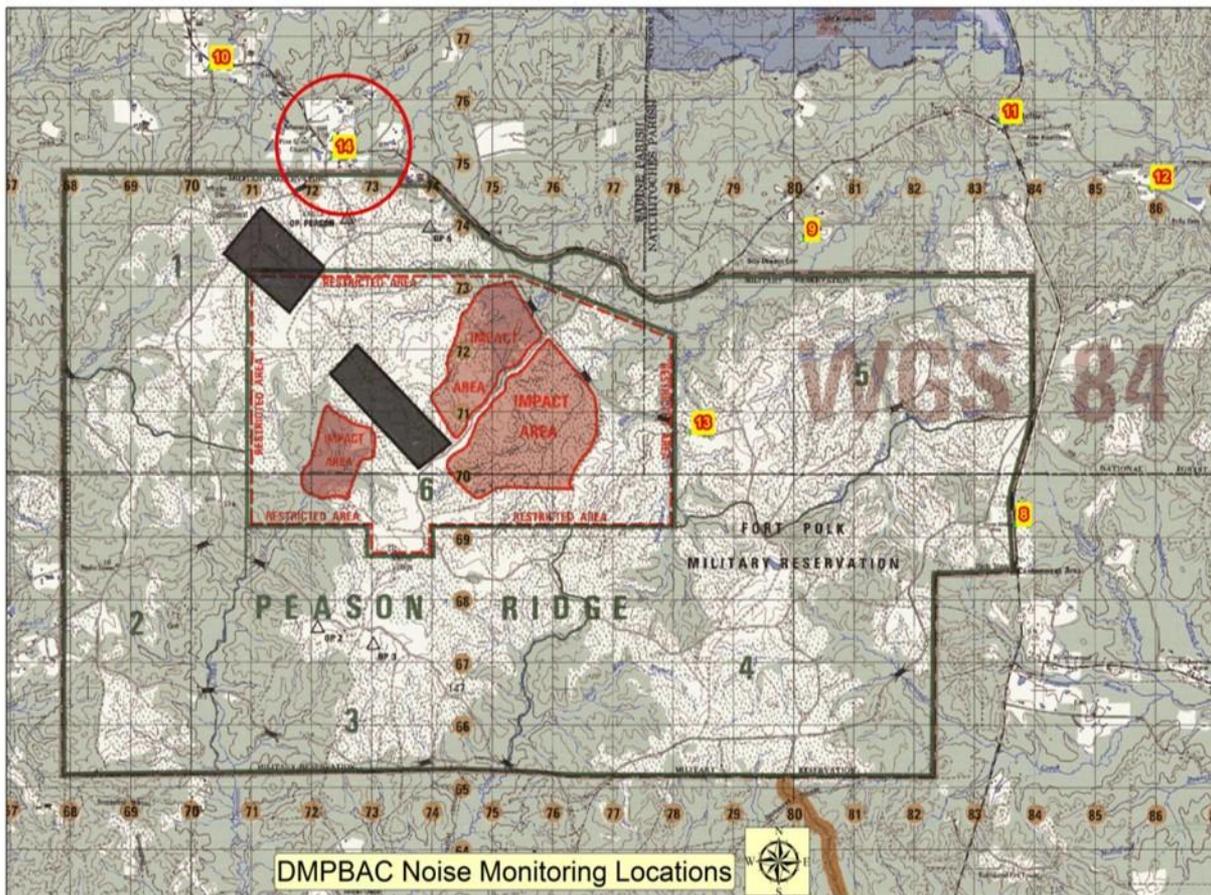


Limited Use Area Noise Monitor Locations

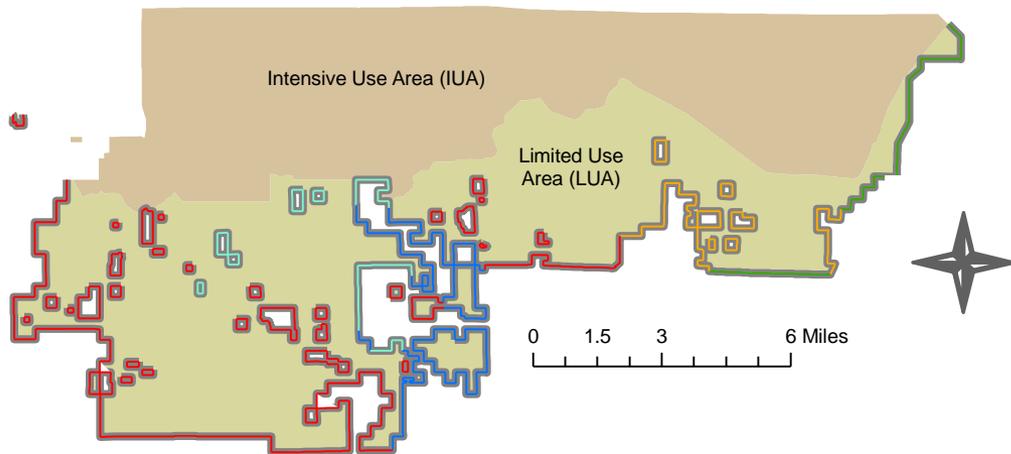




Peason Ridge Noise Monitor Locations



Task 4-2.3: Limited Use Area Landline Maintenance, FY04 - FY15



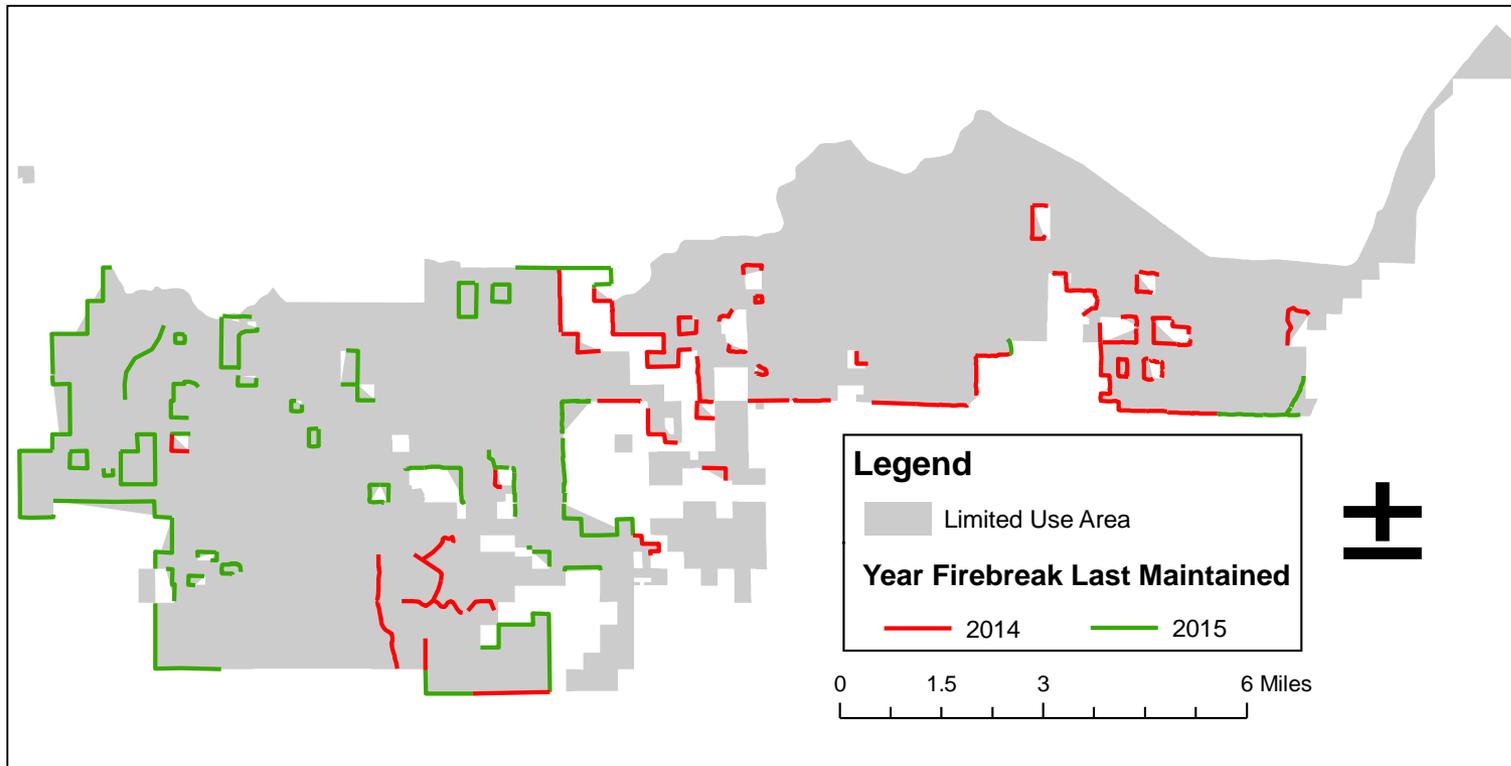
Legend

LUA Landlines To Be Maintained	Fiscal Year Landline Maintained
	2015
	2014
	2011
	2010
	2004

Fiscal Year Last Maintained	Years Since Maintenance	Landline Miles Maintained	% of Landline Maintained
2004	12	68.0	50%
2010	6	17.3	13%
2011	5	28.0	21%
2014	2	12.5	9%
2015	1	9.7	7%
Maintained within 8 years		67.6	50%
Maintained within 10 years		67.6	50%
Total		135.6	100%



Task 4-2.5: LUA Fire Line Maintenance, FY15



Last Year Maintained	Miles	% of Miles
2014	36	44%
2015	46	56%
Total	82	100%

Summary of FY15 Fire Conditions, Number of Military-caused Fires and Acres Burned



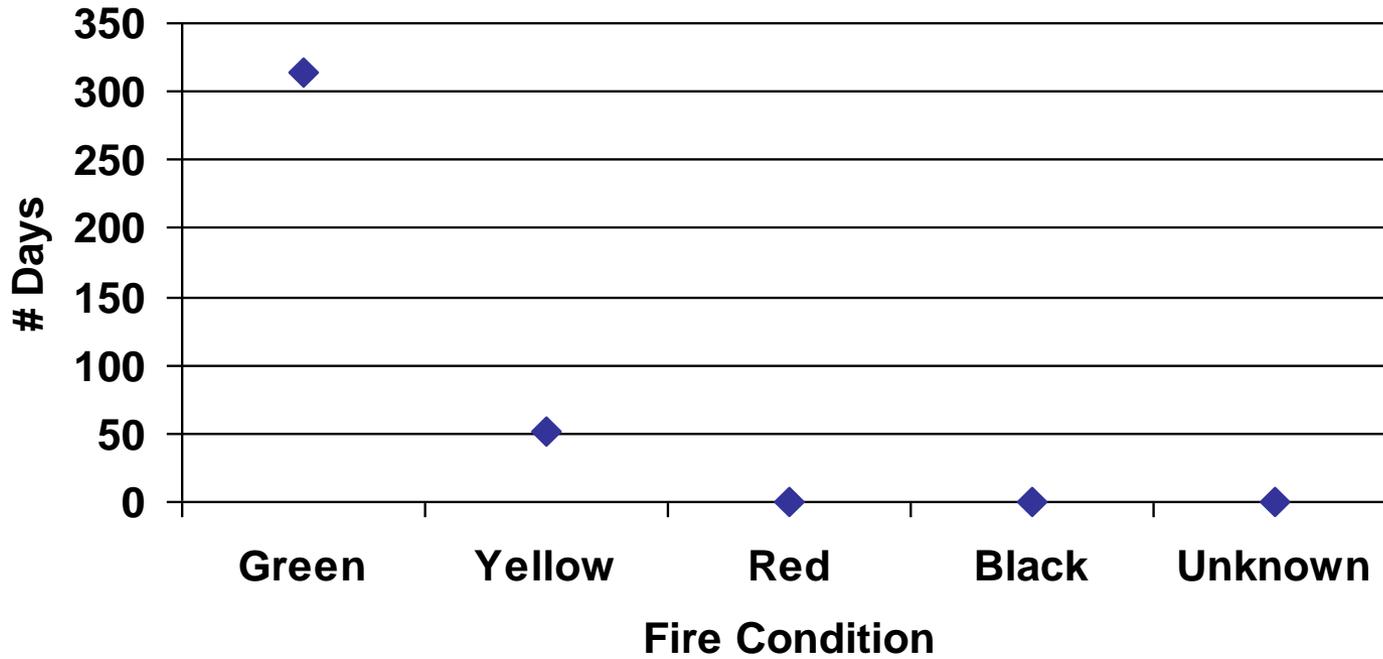
- FY15 – All Quarters:
 - Fire condition green for large majority of days
 - Total number of military-caused fires = 71
 - Total acres burned by military-caused fires = 3,038
 - All fires were contained on federal lands



Task 4-2.6A: Fire Condition Summary, FY15



FY Totals Thru Qtr

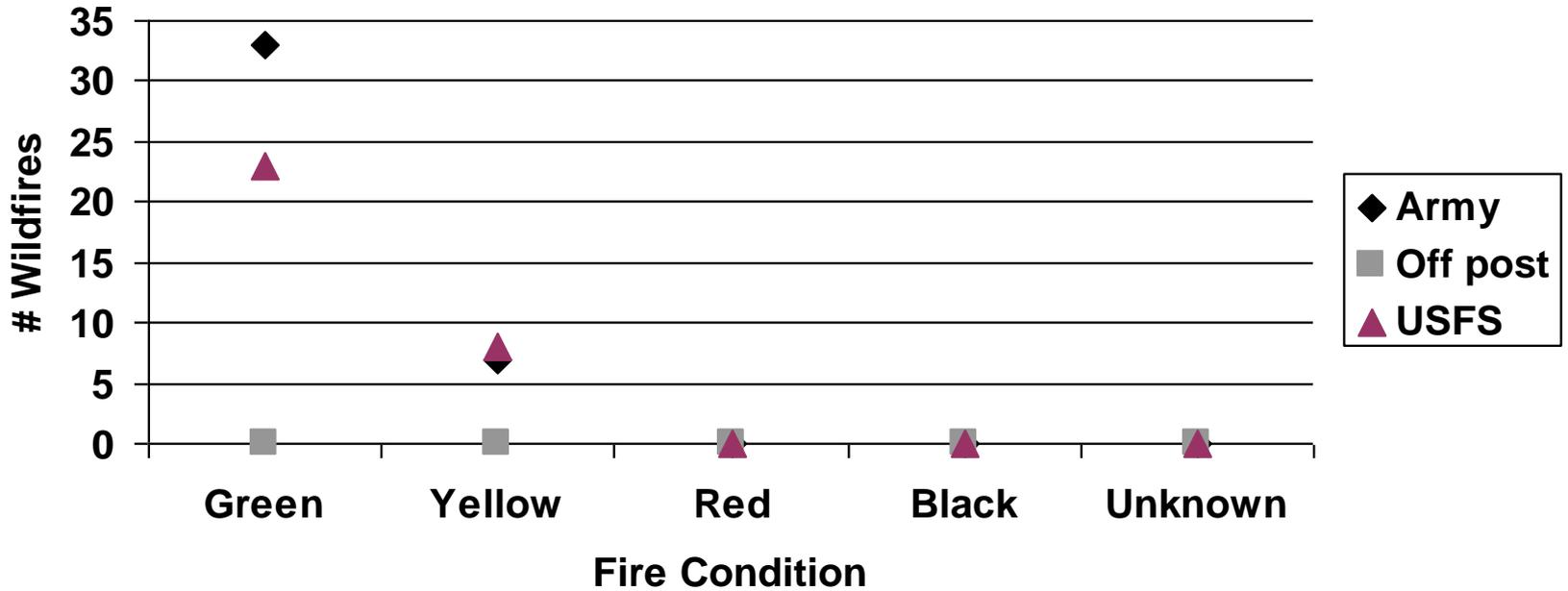




Task 4-2.6B: Number of Training-related Wildfires, FY15

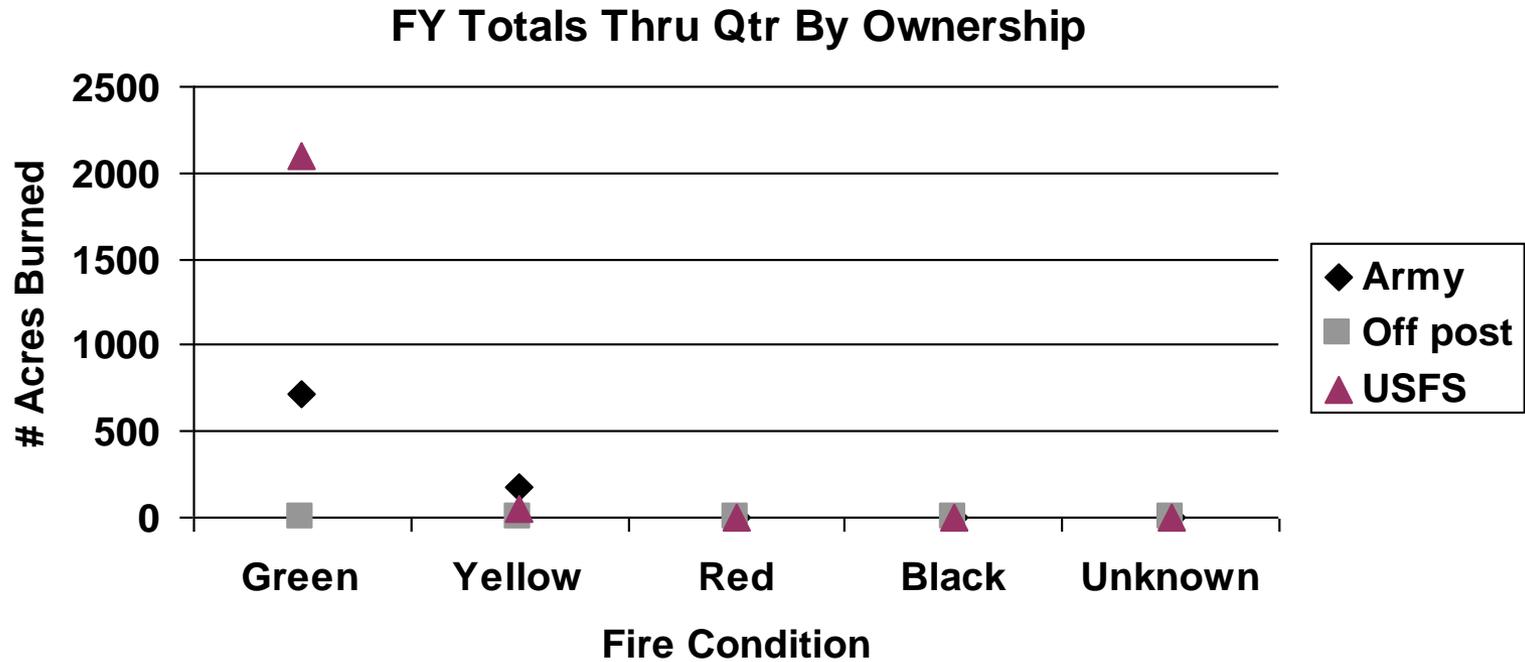


FY Totals Thru Qtr By Ownership



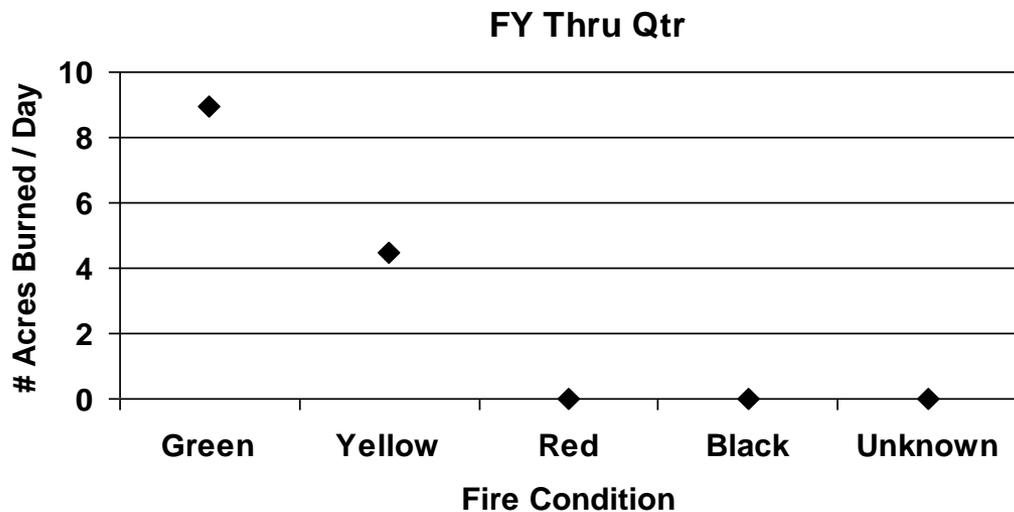
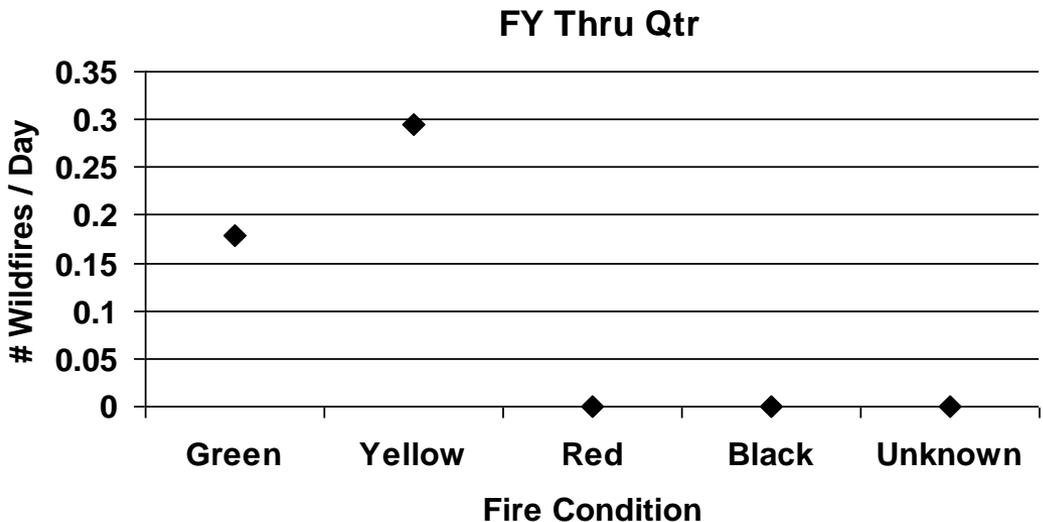


Task 4-2.6C: Acres Burned by Training-related Wildfires, FY15





Wildfires/Acres Burned by Condition Day, FY15





Objectives 5-1 and 5-2 FY15 Annual Monitoring Results

Continual Improvement



Objectives 5-1 and 5-2 Annual Results



Task#	Metric	Reporting Frequency	Performance Results
			FY15
5-1.1	Publication of annual SEMP report.	Annual	Green (Report published in March 2015)
5-2.1	Percent of quarterly/annual Red monitoring task performance results for which a root cause analysis was conducted and appropriate management actions were identified.	Annual	Green (Red results were reported for 16 tasks in FY15, and 3 were selected for RCA by the Oversight Committee. All 3 RCAs were completed in FY15.)
5-2.2	Percent of SEMP monitoring questions for which one or more metrics and associated performance target criteria have been approved by the Oversight Committee.	Annual	Red (81 of an estimated 103 required measures are approved by Oversight Committee = 79% complete)
5-2.3	Percent of approved SEMP monitoring tasks for which results were reported on schedule.	Annual	Green (100% of results reported on time)
5-2.4	SEMP Oversight Committee reviews conducted at least once per quarter.	Annual	Green (4 quarterly meetings held in FY15)



Recommended Root Cause Analyses

Recommended Root Cause Analyses for FY15 Annual Monitoring Results

Task #	Metrics with “Red” Results	RCA Recommended?	
		Staff	Cmte.
1-1.2B	Biannual seeding and fertilization of Geronimo DZ	No	No
1-2.3	Update of watershed management plans	No	No
2-2.1	Percent of pine and pine-hardwood stands on Fort Polk, Peason Ridge and Vernon Unit that have been inventoried in 10-15 years	No	No
2-2.2A	Percent of pine and pine-hardwood stands on Fort Polk, Peason Ridge and Vernon Unit that have been prescribe-burned in 3-5 years	No	No
2-2.3	Percent of cumulative IUA sale inventory and thinning goals accomplished, based on cumulative acres inventoried and sold	Yes	Yes
2-3.2A	Percent of LPS HMU that has received prescribed fire in 3-5 years.	No	No
3-1.2B	Percent of MILCON projects achieving LEED Sustainable Site Credit 5.1	No	No
3-1.3A	Percent of MILCON new construction and major renovation projects achieving LEED Silver or higher	No	No
3-1.4A	New construction: Annual energy consumption (kWh/sf) one year post-construction as compared to baseline and design estimate for the facility	Yes	Yes
3-1.4B	Major renovation: Annual energy consumption (kWh/sf) one year post-construction as compared to baseline and design estimate for the facility	Yes	Yes
3-1.5	Actual total water use (gal/FTE/yr or gal/sf/yr) excluding irrigation, one year post-occupancy for candidate LEED-NC buildings, as compared to baseline case, based on EPAAct 1992 fixture flush/flow rates	Yes	Yes
3-1.6	Estimated payback period (increased first cost / energy cost savings per year for the building) for LEED-NC candidate buildings	No	No
4-2.5	Percent of private fire line miles in LUA maintained during the fiscal year	No	No
5-2.	Percent of SEMP monitoring questions with one or more approved metrics	No	No



SEMP FY15 Summary Reports

SEMP Performance Results Summary – FY14 and FY15

Goal	No.	Objective	FY14	FY15
Ensure that training lands are sustained for long-term use. Protect and conserve soil, water and land resources.	1-1	Minimize or avoid degradation of training lands and resources thru identification and correction of maneuver damages and Soldier education.	Green (0.85)	Green (0.88)
	1-2	Sustain training land conditions and soil productivity thru land rehabilitation and maintenance and watershed management practices.	Green (0.75)	Green (0.80)
	1-3	Protect/maintain high water quality thru maintenance of stream crossing structures, roads, trails and sediment basins; and by restrictions within streams and wetlands.	2016	2016
Manage for biological diversity. Protect and conserve threatened, endangered and rare species and maintain ecological processes.	2-1	Promote recovery of Vernon-Fort Polk RCW population through cooperative management and monitoring and Soldier education.	Green (0.83)	Green (0.67)
	2-2	Provide high-quality habitat for the RCW and other species native to the longleaf pine landscape. Use prescribed fire and thinning to maintain/achieve DFCs.	Red (0.25)	Red (0.30)
	2-3	Promote viability of the Louisiana pine snake through cooperative management, Soldier education, and construction project planning.	2015	Amber (0.58)
	2-4	Protect rare plants and wetlands through identification, marking and monitoring of hillside seeps and bogs (bogs marked in LUA only).	Green (1.0)	Green (1.0)
Provide functional, healthy, low impact and cost-effective facilities through sustainable design.	3-1	Avoid/minimize impacts to environmentally sensitive resources and promote sustainability by integrating Master Planning and environmental concerns.	Amber (0.38)	Red (0.25)
	3-2	Ensure that new facilities are designed and constructed to comply with CWA, CAA, ESA and NEPA through project design and construction phase monitoring.	2017	2017
Act as “good neighbors” to residents and communities and serve as good stewards.	4-1	Support public recreation and multiple use activities on Polk and Peason WMAs, the LUA and SLUA through public information, scheduling and Soldier education.	Green (0.90)	Green (1.00)
	4-2	Protect quality of life for residents in or near the installation boundaries through noise monitoring; boundary markings, fire response and road repair/upgrades.	Green (0.75)	Green (0.75)
	4-3	Avoid risks to public safety and conflicts with civilian activities in the LUA and SLUA.	2016	2016
Monitor and adapt mgmt for continual improvement	5-1	Jointly monitor implementation and effectiveness of EIS mitigation measures.	Green (0.67)	Green (0.67)
	5-2	Jointly evaluate and report results, and adapt management accordingly.	Green (1.00)	Green (1.00)

SEMP FY15 Implementation Status Summary

Goal	Objective	Implementation Status & Year
Ensure that training lands are sustained for long-term use. Protect and conserve soil, water and land resources.	Minimize or avoid degradation of training lands and resources thru identification and correction of maneuver damages and Soldier education.	2006
	Sustain training land conditions and soil productivity thru land rehabilitation and maintenance and watershed management practices.	2007
	Protect/maintain high water quality thru maintenance of stream crossing structures, roads, trails and sediment basins; and by restrictions within streams and wetlands.	2016
Manage for biological diversity. Protect and conserve threatened, endangered and rare species and maintain ecological processes.	Promote recovery of Vernon-Fort Polk RCW population through cooperative management and monitoring and Soldier education.	2006
	Provide high-quality habitat for the RCW and other species native to the longleaf pine landscape. Use prescribed fire and thinning to maintain/achieve DFCs.	2007
	Promote viability of the Louisiana pine snake through cooperative management, Soldier education, and construction project planning.	2015
	Protect rare plants and wetlands through identification, marking and monitoring of hillside seeps and bogs (bogs marked in LUA only).	2012
Provide functional, healthy, low impact and cost-effective facilities through sustainable design.	Avoid/minimize impacts to environmentally sensitive resources and promote sustainability by integrating Master Planning and environmental concerns.	2009
	Ensure that new facilities are designed and constructed to comply with CWA, CAA, ESA and NEPA through project design and construction phase monitoring.	2017
Act as "good neighbors" to residents and communities and serve as good stewards.	Support public recreation and multiple use activities on Polk and Peason WMAs, the LUA and SLUA through public information, scheduling and Soldier education.	2007
	Protect quality of life for residents in or near the installation boundaries through noise monitoring; boundary markings, fire response and road repair/upgrades.	2011
	Avoid risks to public safety and conflicts with civilian activities in the LUA and SLUA.	2016
Monitor and adapt mgmt for continual improvement	Jointly monitor implementation and effectiveness of EIS mitigation measures.	2009
	Jointly evaluate and report results, and adapt management accordingly.	2009

Year = actual/estimated fiscal year in which the monitoring and evaluation process was/will be implemented for the objective; Green = metrics and performance criteria are developed, and monitoring and evaluation is ongoing; Amber = development of metrics and performance criteria is in progress; Red = development of metrics and performance criteria has not begun.



FY16 Way Ahead / Next Steps



SEMP FY16 Implementation Priorities



First

- Quarterly and annual reporting to Oversight Committee
- Online publication of annual report
- Completion of recommended metrics and targets for SEMP Objectives 1-3 and 4-3
- Development of recommended metrics and targets for SEMP Objective 3-2

Second

- Root cause analyses for metrics with “red” performance results
- Migration of SEMP website to new software

Third

- Development of data library and meta-data for SEMP records –
Inventory of electronic records