



# Sustainability and Environmental Monitoring Plan (SEMP) FY23 Annual Report



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Allison Cedars  
DPW-ENRMD  
Conservation Branch Chief  
U.S. Army Installation Management Command



# SEMP FY23 Annual Report

## *Introduction*

This report contains the Sustainability and Environmental Monitoring Plan (SEMP) quarterly and annual results for fiscal year 2023 (FY23; 1 October 2022 – 30 September 2023) and calendar year (CY) 2023 annual results for some metrics. The SEMP is a mitigation and monitoring plan cooperatively implemented by the Joint Readiness Training Center (JRTC) and Fort Johnson and the Kisatchie National Forest (KNF). The SEMP tracks the results of environmental stewardship, mitigation and monitoring requirements identified in US Army and US Forest Service Records of Decision (RODs) for a Final Environmental Impact Statement (FEIS) completed in 2004. JRTC-Fort Johnson uses approximately 98,000 acres of KNF land under the terms of a Special Use Permit and Operating Plan (SUP/OP). Many of the requirements tracked in the SEMP are also identified in the SUP/OP.

A Joint Mitigation and Monitoring Oversight Committee (the Oversight Committee) comprised of leaders and staff members of the JRTC-Fort Johnson and KNF is responsible for implementing the SEMP. The monitoring results and other elements reported here were reviewed by the Oversight Committee at quarterly meetings held at Fort Johnson, Louisiana on 23 February 2023, 1 June 2023, and 8 September 2023, and 29 February 2024. In lieu of a quarterly meeting scheduled for November 2023, the brief was distributed to Oversight Committee members and meeting participants on 14 November 2023 with the approval of the meeting co-chairs. The time was used for SEMP metric reviews with SUP/OP renewals expected in 2024.

This report is intended to document annual and quarterly monitoring results and decisions by the Oversight Committee and includes the status of SEMP implementation as of the report date and summary tables of SEMP objective-level results. This report also demonstrates ongoing implementation of the SEMP and helps to meet commitments by the JRTC-Fort Johnson and KNF to make available the results of monitoring conducted under the SEMP to members of the public.



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# **SEMP Oversight Committee Purpose, Responsibilities, Members, and Points of Contact**



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# Purpose of SEMP Oversight Committee

- Serve as joint agency organization to oversee implementation of mitigation and monitoring requirements identified in the 2004 National Environmental Policy Act (NEPA) document and associated Records of Decision:
  - *Final Environmental Impact Statement for Transformation of 2d Armored Cavalry Regiment, Installation Mission Support, Joint Readiness Training Center and Fort Polk, Louisiana, and Long-term Military Training Use of Kisatchie National Forest Lands*
- Established in January 2005 US Army – USDA Forest Service Memorandum of Understanding (MOU) signed by Commanding General and Kisatchie National Forest (KNF) Supervisor
- Co-chaired by Deputy Garrison Commander (DGC) and KNF Military Liaison Officer
- Committee membership includes G3, key Garrison and KNF representatives, per MOU





# SEMP Oversight Committee Responsibilities

## January 2005 Army-USFS MOU, Section 4.b:

- Secure resources for mitigation and monitoring measures in Army and USFS RODs for 2004 transformation and land use FEIS
- Establish timelines and priorities for mitigation and monitoring measures
- Review and approve metrics and procedures for monitoring measures
- Maintain records of Committee meetings, actions and decisions
- Review and evaluate SEMP monitoring results on a quarterly basis to ensure proper implementation of mitigation and monitoring measures
- Classify monitoring results as Green, Amber or Red; develop quarterly summaries of SEMP monitoring results for the Environmental Quality Control Committee (EQCC)
- Investigate causes of failure to meet performance targets and refer monitoring results and recommended corrective actions to the EQCC, when appropriate
- Ensure that SEMP monitoring results are documented in an annual report and made available to the public and interest groups
- Identify additional significant aspects, impacts, objectives and targets for incorporation into the Installation's EMS, when needed



# SEMP Oversight Committee Membership

- Member organizations specified in 2005 Army-USDA MOU
- Fort Johnson Members:
  - DPW
  - DPW-ENRMD, CB
  - DPW-ENRMD, Forestry (formerly NRMB)
  - DPW-ENRMD, CMB
  - G3/DPTMS
  - PAIO
  - SJA
  - PAO
- KNF Members:
  - Supervisor's Office
  - Calcasieu District Office
  - Kisatchie District Office
- Add HOC Members (not listed in MOU)
  - DPW-MP
  - USACE-FW District

# SEMP Objective Points of Contact List

Obj.	Short Description	Lead Office
<b>1-1</b>	Minimize or avoid degradation of training lands and resources thru identification and correction of maneuver damages and Soldier education.	G3 / ENRMD
<b>1-2</b>	Sustain training land conditions and soil productivity thru land rehabilitation and maintenance and watershed management practices.	G3 (ITAM) / ENRMD
<b>1-3</b>	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
<b>2-1</b>	Promote recovery of Vernon-Fort Polk RCW population through cooperative management and monitoring and Soldier education.	ENRMD / USFS
<b>2-2</b>	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
<b>2-3</b>	Promote viability of the Louisiana pine snake through cooperative management, Soldier education, and construction project planning.	ENRMD / USFS
<b>2-4</b>	Protect rare plants and wetlands through identification, marking and monitoring of hillside seeps and bogs (bogs marked in LUA only).	ENRMD / USFS
<b>3-1</b>	Avoid/minimize impacts to environmentally sensitive resources and promote sustainability by integrating Master Planning and environmental concerns.	DPW / ENRMD
<b>3-2</b>	Ensure new Army facilities on KNF lands are designed and constructed to comply with CWA, CAA, ESA and NEPA through project design and construction phase monitoring.	DPW / ENRMD
<b>4-1</b>	Support public recreation and multiple use activities on Polk and Peason WMAs, the LUA and SLUA through public information, scheduling and Soldier education.	G3 / USFS
<b>4-2</b>	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
<b>4-3</b>	Avoid risks to public safety and conflicts with civilian activities in the LUA and SLUA.	G3 / USFS
<b>5-1</b>	Jointly monitor implementation and effectiveness of EIS mitigation measures.	ENRMD / USFS
<b>5-2</b>	Jointly evaluate and report results, and adapt management accordingly.	ENRMD / USFS



# **SEMP FY23**

## **Quarterly and Annual Monitoring Results**







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# SEMP FY23 Monitoring Results

## *Performance Target Criteria*

- One or more quantitative metrics developed for each SEMP monitoring question
- Quantitative Green, Amber, Red performance target criteria developed for most metrics:
  -  Meets performance target
  -  Partially meets performance target
  -  Does not meet performance target
- No performance targets developed for some SEMP metrics:
  -  Data / Observation only

# SEMP FY23 Monitoring Results

## Objective 1-1: Maneuver Damage Control



# SEMP FY23 Monitoring Results

## Objective 1-1: Maneuver Damage Control Quarterly Results

Task#	Metric	Reporting Frequency	Performance Results			
			1st Qtr. FY23	2nd Qtr. FY23	3rd Qtr. FY23	4th Qtr. FY23
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 (1/1 = 100%)	Green (2/2 = 100%)	Green (2/2 = 100%)	Green (2/2 = 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.)	Quarterly	Green (233 / 239) = 97%; 97% of ITAM repairs and 100% of DPW Contractor repairs complete in ≤ 30 d	Green (313 / 348) = 90%; 99% of ITAM repairs and 77% of DPW Contractor repairs complete in ≤ 30 d	Green (190 / 210) = 90%; 80% of ITAM repairs and 97% of DPW Contractor repairs complete in ≤ 30 d	Green (91 / 107) = 88%; 83% of ITAM repairs and 100% of DPW Contractor repairs complete in ≤ 30 d
1-1.2B	Completion of biannual seeding and fertilization within Geronimo Drop Zone by 31 July and 30 November.	Biannual	Green: (Geronimo DZ was assessed to determine need for warm and cool season seeding application; no seeding was needed because there wasn't any recent digging within the DZ)	TBD (Report in November 2021)	TBD (Report in November 2021)	Green: (Geronimo DZ was assessed to determine need for warm and cool season seeding application; no seeding was needed because there wasn't any recent digging within the DZ)

# SEMP FY23 Monitoring Results

## Objective 1-1: Maneuver Damage Control Annual Results

### Task 1-2.2: FY23 Maneuver Damage Corrective Action Status – ITAM

Corrective Action	No. To Be Performed (< 30 Days Old)	No. Pending Year's End < 30 days Old	No. To Be Performed – No. Pending < 30 days	No. Completed in ≤ 30 Days	% Completed in ≤ 30 Days
Earthwork	84	0	84	80	95%
Seed	5	0	5	3	60%
Fertilize <sup>1</sup>	5	0	5	4	80%
Other	1	0	1	1	100%
Reshape	471	3	468	439	94%
<b>FY23 TOTAL</b>	<b>561</b>	<b>3</b>	<b>558</b>	<b>523</b>	<b>94%</b>
FY22 TOTAL <sup>2</sup>	510	49	461	450	98%

<sup>1</sup>Fertilize excluded from totals b/c rarely recommended in absence of Seed; <sup>2</sup>FY22 results are 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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# SEMP FY23 Monitoring Results

## Objective 1-1: Maneuver Damage Control Annual Results

### Task 1-2.2: FY23 Maneuver Damage Corrective Action Status – DPW Contractor

Corrective Action	No. To Be Performed (< 30 Days Old)	No. Pending Year's End < 30 days Old	No. To Be Performed – No. Pending < 30 days	No. Completed in ≤ 30 Days	% Completed in ≤ 30 Days
Earthwork	9	0	9	8	89%
Seed	5	0	5	5	100%
Fertilize <sup>1</sup>	5	0	5	5	100%
Other	13	0	13	11	85%
Reshape	317	0	317	286	90%
<b>FY23 TOTAL</b>	<b>344</b>	<b>0</b>	<b>344</b>	<b>310</b>	<b>90%</b>
FY22 TOTAL <sup>2</sup>	285	3	282	271	96%

<sup>1</sup>Fertilize excluded from totals b/c rarely recommended in absence of Seed; <sup>2</sup>FY22 results are 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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# SEMP FY23 Monitoring Results

## Objective 1-1: Maneuver Damage Control Quarterly Results

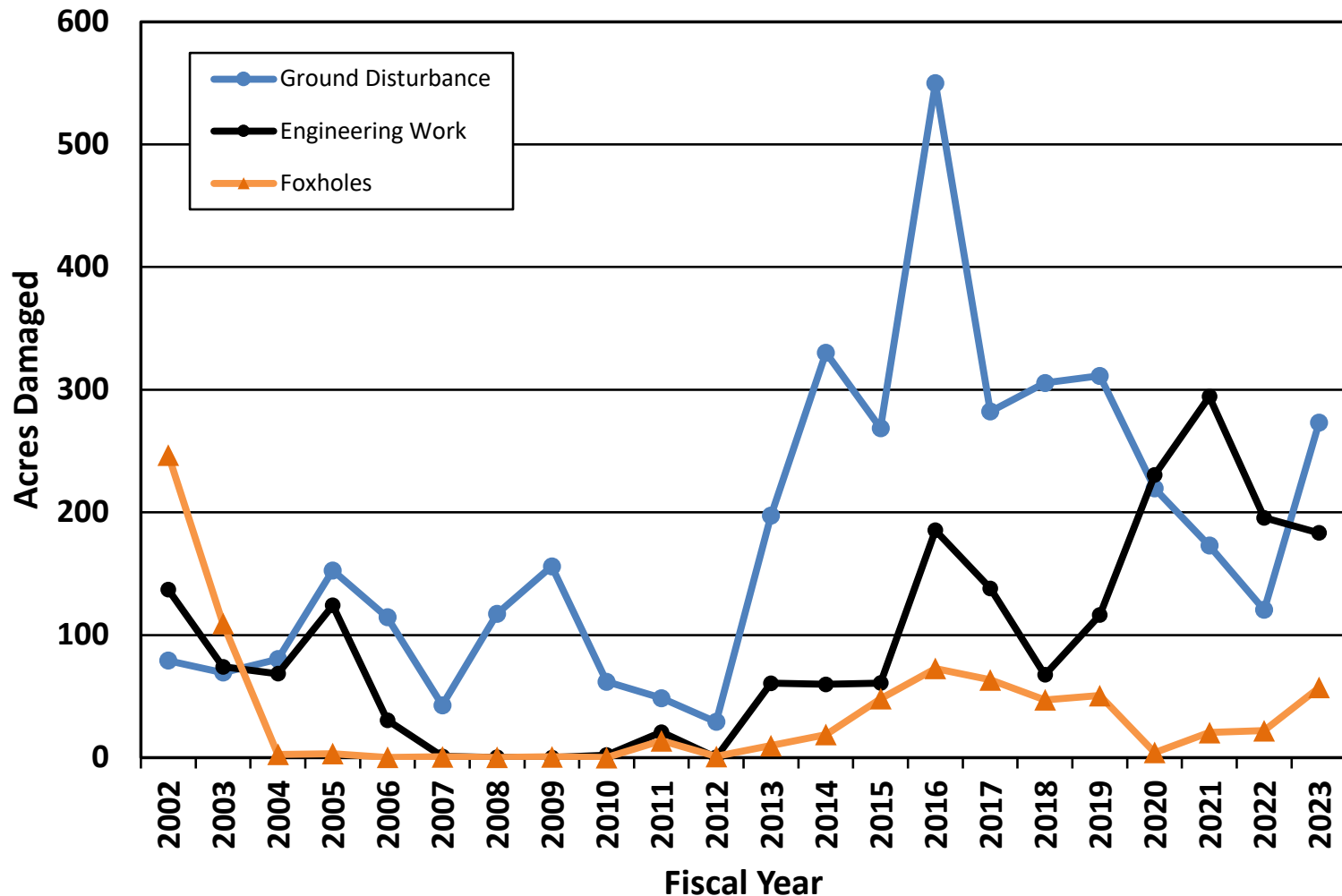
Task#	Metric	Reporting Frequency	Performance Results			
			1st Qtr. FY23	2nd Qtr. FY23	3rd Qtr. FY23	4th Qtr. FY23
1-1.4	Trends for frequency, type and severity of maneuver damages.	Quarterly	See trend (n=179)	See trend (n=482)	See trend (n=407)	See trend (n =269)
1-1.5	Percent of corrective actions that were determined to be effective based on site re-inspections.	Quarterly	Green (237 / 237 = 100%)	Green (344 / 344 = 100%)	Green (207 / 207 = 100%)	Green (104 / 104 = 100%)
1-1.6	Trends for violations of range regulations/permit conditions for environmental protection.	Quarterly	See trend (n=1; 1 x driving within 50 ft of white-banded cavity tree)	See trend (n=3 occurring at one location/event; 1 x driving within 50 ft of white-banded cavity tree, 1 x halt that exceeds two hours, and 1 x construction of any counter-mobility or survivability location)	See trend (n=1; 1 x halt that exceeds two hours)	See trend (n=0)



# SEMP FY23 Monitoring Results

## *Objective 1-1: Maneuver Damage Control Annual Results*

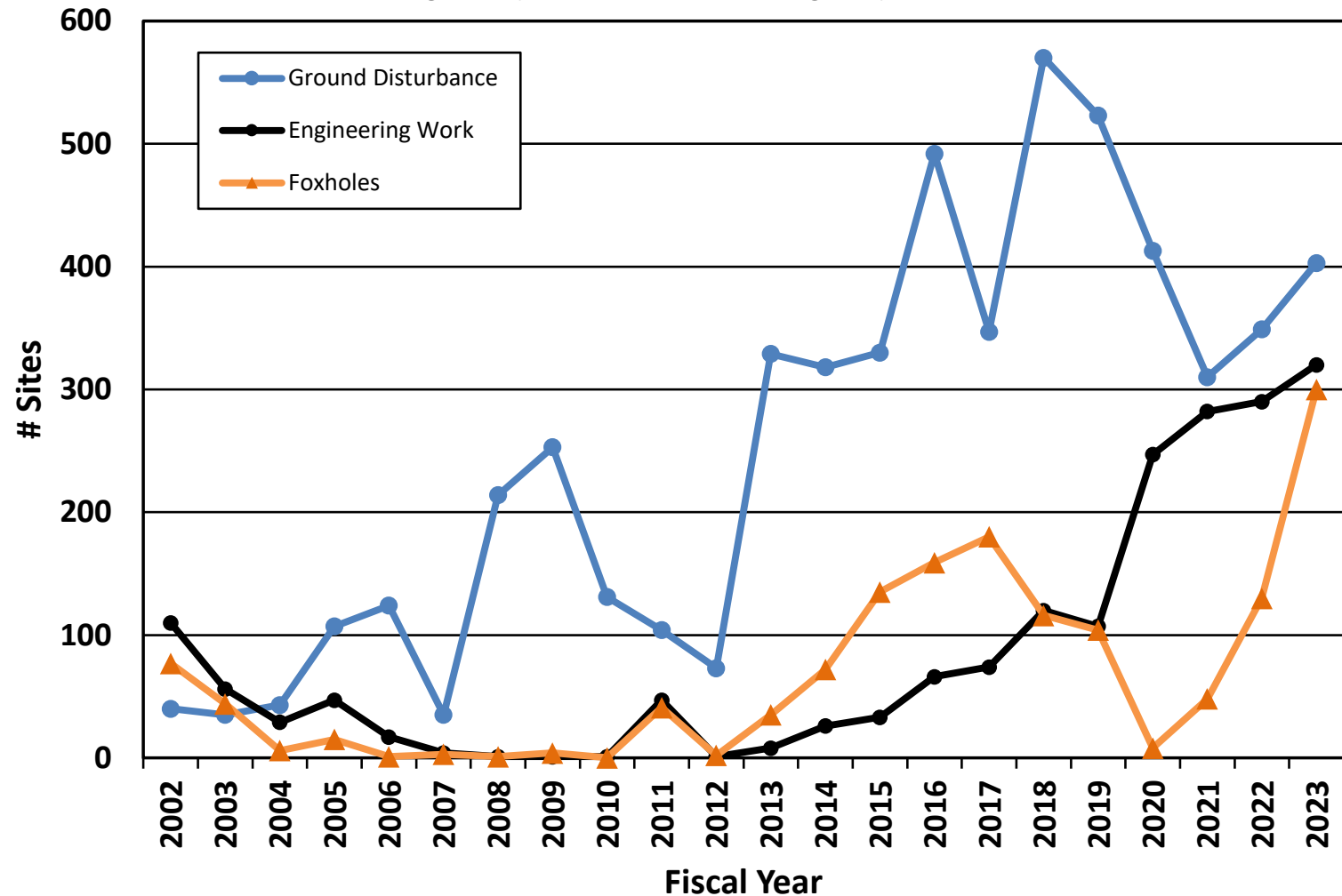
Acres Damaged by Selected Damage Type (Thru FY23)



# SEMP FY23 Monitoring Results

## Objective 1-1: Maneuver Damage Control Annual Results

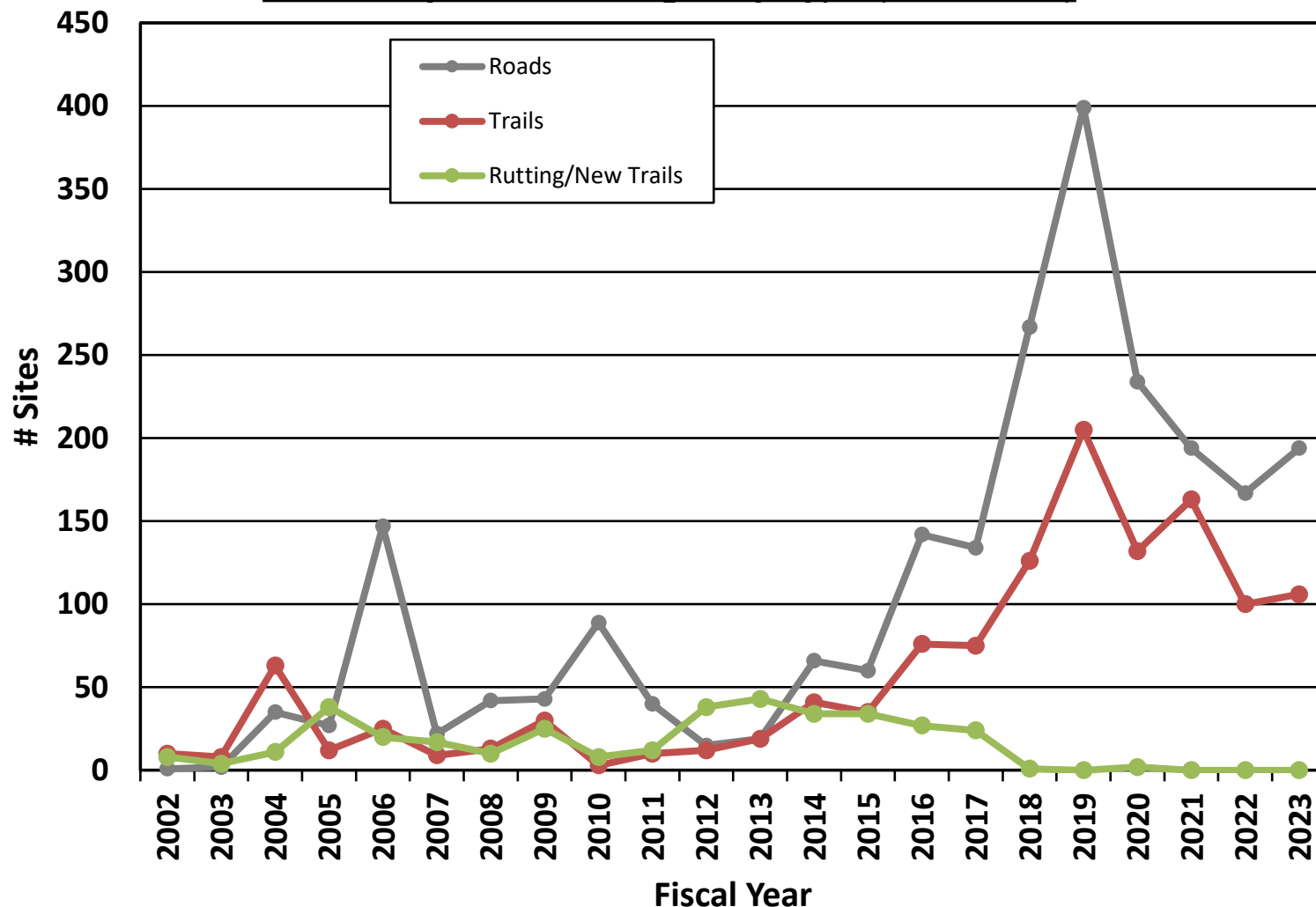
#Sites Damaged by Selected Damage Type (Thru FY23)



# SEMP FY23 Monitoring Results

## Objective 1-1: Maneuver Damage Control Annual Results

Travel-way Acres Damaged by Type (Thru FY23)



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# SEMP FY23 Monitoring Results

## Objective 1-1: Maneuver Damage Control Annual Results

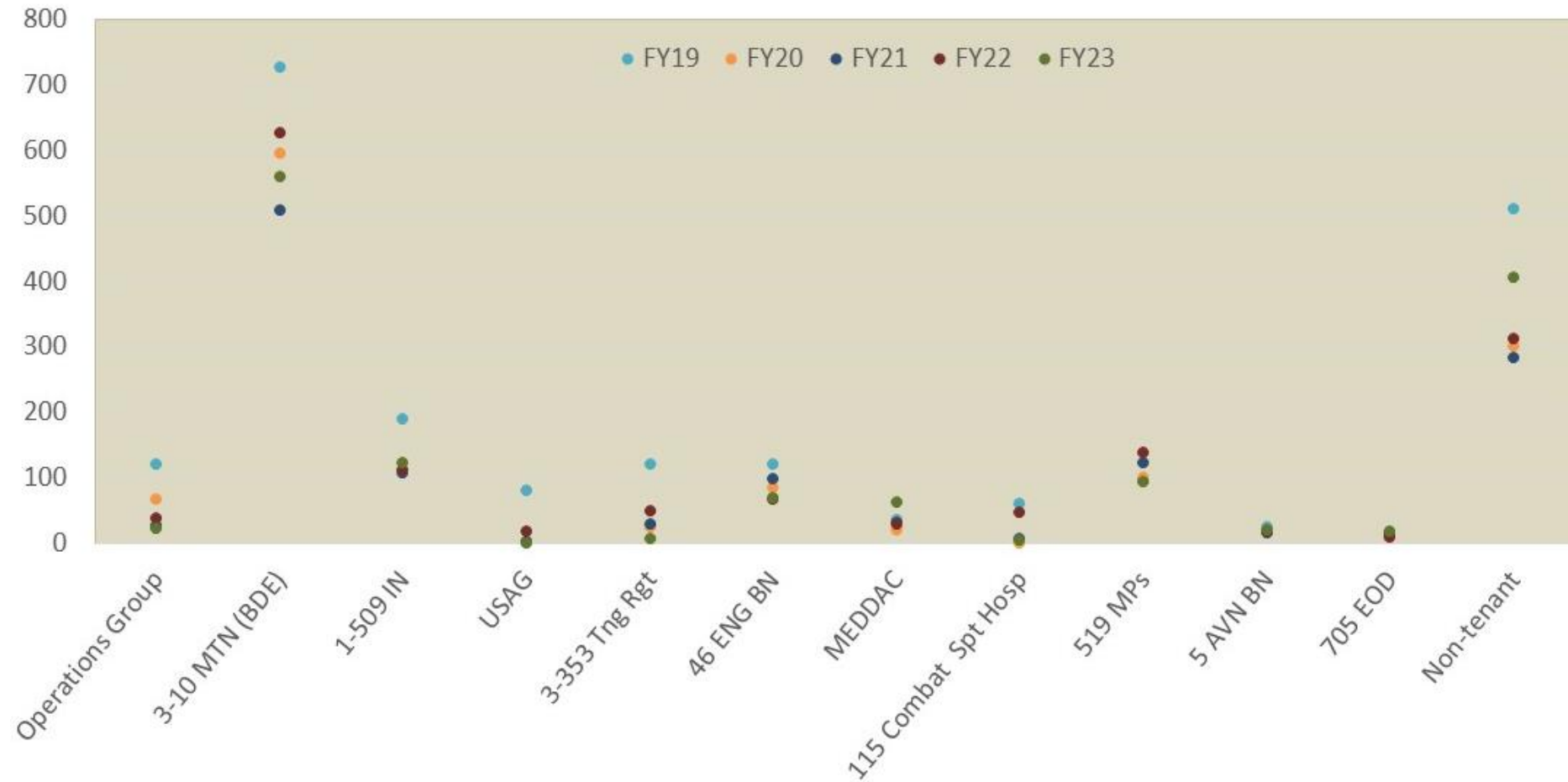
Task#	Metric	Reporting Frequency	Performance Results
			FY23
1-1.3	Revised metric (approved 24 April 14): Number of OCTs and Soldiers for each MSC receiving certification.	Annually	See trend (979 HSU and 405 non-tenant Soldiers received in-person SRA training and/or SRAT certification in FY23; All Soldiers receiving OIC/RSO training concurrently received in-person SRA training)
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	Green (no LRAM or DPW erosion control projects identified in FY23)
1-1.8	Number of new historic damage sites identified annually.	Annually	Green (0 historic damage sites)



# SEMP FY23 Monitoring Results

## *Objective 1-1: Maneuver Damage Control Annual Results*

### SRAT Certification (FY19 – FY23)





# SEMP FY23 Monitoring Results

## Objective 1-2: Land Rehabilitation and Maintenance



# SEMP FY23 Monitoring Results

## Objective 1-2: Land Rehabilitation and Maintenance Annual Results

Task#	Metric	Reporting Frequency	Performance Results
			FY23
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	Green (0 acres planned for repair and 0 acres repaired)
1-2.2	Percent of funded LRAM project acres that are completed during the fiscal year.	Annual	Green (0 acres planned for repair, 0 acres funded, and zero 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	Green (Watershed management plans reviewed and remain current)
1-2.4	Annual prioritized list of LRAM projects cross-referenced to subwatershed. (Prioritization of LRAM 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	Green (Project prioritization report complete)
1-2.5	Percent of LRAM projects that meet minimum project level objectives.	Annual	Green (0 acres planned for repair, 0 acres funded, and zero acres completed)



# SEMP FY23 Monitoring Results

## Objective 1-2: Land Rehabilitation and Maintenance Annual Results

Task#	Metric	Reporting Frequency	Performance Results
			FY23
1-2.6	Ratio of estimated current to undisturbed soil loss rate (tons/acre/year) across Fort Johnson training lands (Main Post/Vernon Unit, Fort Johnson-North).	Annual	Red (Revised process utilizing existing staff and technology currently under development)
1-2.7	Multi-year change in total acres of bare or sparsely vegetated areas.	Annual	Red (Revised process utilizing existing staff and technology currently under development)
1-2.8	Multi-year change in estimated soil loss rate (tons/acre/year) across Fort Johnson training lands (Main Post/Vernon Unit, Fort Johnson-North).	Annual	Red (Revised process utilizing existing staff and technology currently under development)



# SEMP FY23 Monitoring Results

## Objective 1-3: Water Resource Protection / Stream Crossing and Sediment Basin Maintenance



# SEMP FY23 Monitoring Results

## *Objective 1-3: Water Resource Protection / Stream Crossing and Sediment Basin Maintenance Annual / Semi-annual Results*

Task#	Metric	Reporting Frequency	Performance Results	
			3rd Qtr. FY23	4th Qtr. FY23
<b>1-3.1A</b>	Percent of required stream/wetland crossing maintenance activities completed on time. (For purposes of this monitoring task, stream/wetland crossing maintenance activities include tasks that are routine in nature and can be completed under a Demand Maintenance Order [DMO]).	August	Green: 1 / 1 = 100% of stream crossing maintenance activities completed by DPW contractor within 90 days; 182 crossings inspected	Report in August
<b>1-3.1B</b>	Percent of major repair/new construction projects for stream and wetland crossing structures that were funded during the fiscal year, based on annual project list.	November	Report in November	Green: 1 / 1 = 100% of major repairs for stream crossings funded in FY23; Work funded and completed on FULL-6-11
<b>1-3.2A</b>	Percent of required sediment basin maintenance activities completed on time. (For purposes of this monitoring task, sediment basin maintenance activities include tasks that are routine in nature and can be completed under a DMO.)	August and November	Green: 3 / 3 = 100% of sediment basin maintenance requests completed w/in 90 days; - DMPBAC-12 Repair Dam and Outflow; - DMPBAC-35 Repair Erosion at Outflow; - DMPBAC-37 Remove Excessive Sediment; 57 basins inspected	Green: 4 / 4 = 100% of sediment basin maintenance requests completed w/in 90 days; - DMPBAC-07 Repair Erosion at Riser & Dam; - DMPBAC-13 Repair Erosion at Outflow & Dam; - GDZ-E02 Remove Excessive Sediment - GDZ-E03 Remove Excessive Sediment 141 basins inspected
<b>1-3.2B</b>	Percent of major repair/new construction projects for sediment basins that were funded during the fiscal year, based on annual project list.	November	Report in November	Green: 1 / 1 major repairs to sediment basin DMPBAC-12 funded and completed in FY23

# SEMP FY23 Monitoring Results

## *Objective 1-3: Water Resource Protection / Stream Crossing and Sediment Basin Maintenance Annual / Semi-annual Results*

Task#	Metric	Reporting Frequency	Performance Results	
			2nd Qtr. FY23	3rd Qtr. FY23
<b>1-3.3</b>	Annual review and update of approved stream/wetland crossing location map(s) for use by JRTC rotational units (RTU) and home station units (HSU).	August	Report in August	Green: Stream/wetland crossing map was jointly reviewed and updated
<b>1-3.4A</b>	Number of stream/wetland crossings that show erosion at the approach(es), based on annual inspection.	May	Zero (0) of 181 stream crossings showed erosion at the approaches	Report in May
<b>1-3.4B</b>	Number of stream/wetland crossings that show restricted flow, based on annual inspection.	May	Five (5) of 181 stream crossings showed restricted flow	Report in May
<b>1-3.4C</b>	Number of stream/wetland crossings that require recurring maintenance ("recurring offenders") to correct either erosion problems at the approach(es) or flow restrictions, based on the results of an annual inspection and an unscheduled inspection event within the same fiscal year, or the results of two consecutive annual inspection events.	May	Green; 0 of 182 stream crossings required recurring maintenance	Report in May





# SEMP FY23 Monitoring Results

## Objective 1-3: Water Resource Protection / Stream Crossing and Sediment Basin Maintenance Annual / Semi-annual Results

Task#	Metric	Reporting Frequency	Performance Results	
			2nd Qtr. FY23	3rd Qtr. FY23
<b>1-3.5A</b>	Percent of sediment basins that are at or near sediment capacity, based on annual or semi-annual inspection. (Note: the sediment basins that are at or near capacity will be defined as those with a 9 or 10 rating on the "sediment contained" item on the ENRMD sediment basin impacts evaluation matrix).	May and August	Green: None of 57 sediment basins were at or near capacity	Green: None of 142 of sediment basins were at or near capacity
<b>1-3.5B</b>	Percent of sediment basins with a failed dam, or a dam at high risk of failure, based on annual or semi-annual inspection. (Note: the sediment basins with a failed dam or dam at high risk of failure will be defined as those with a 9 or 10 rating on the "dam or riser stability" item on the sediment basin impacts evaluation matrix).	May and August	Green: None of 57 sediment basins had a failed dam or dam at high risk of failure	Green: None of 142 sediment basins had a failed dam or dam at high risk of failure
<b>1-3.6</b>	Trends for violation of Special Use Permit/Operating Plan and Range Safety SOP restrictions on crossing of streams and wetlands by military vehicles.	May	Green: No reported military vehicle crossings at unapproved locations.	Report in May



# SEMP FY23 Monitoring Results

## *Objective 1-3: Water Resource Protection / Stream Crossing and Sediment Basin Maintenance Annual Results*

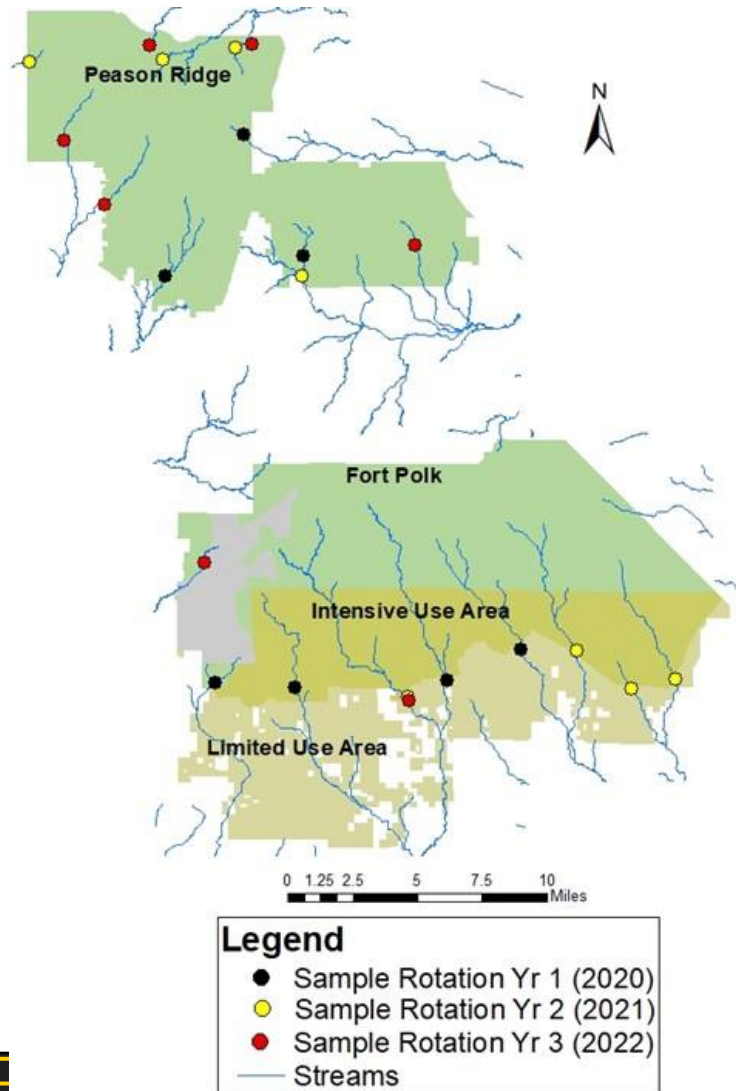
Task#	Metric	Reporting Frequency	Performance Results
			FY23
1-3.7	Change over time of water quality scores for selected streams originating on Installation training lands as measured by the following indices: fish community surveys (Index of Biotic Integrity - IBI), benthic macro-invertebrate surveys (B-IBI), and physical habitat surveys (Habitat Quality Index - HQI) as described by the Texas Commission on Environmental Quality (TCEQ).	Annual	See Trend



# SEMP FY23 Monitoring Results

## ***Objective 1-3: Water Resource Protection / Stream Crossing and Sediment Basin Maintenance Annual Results***

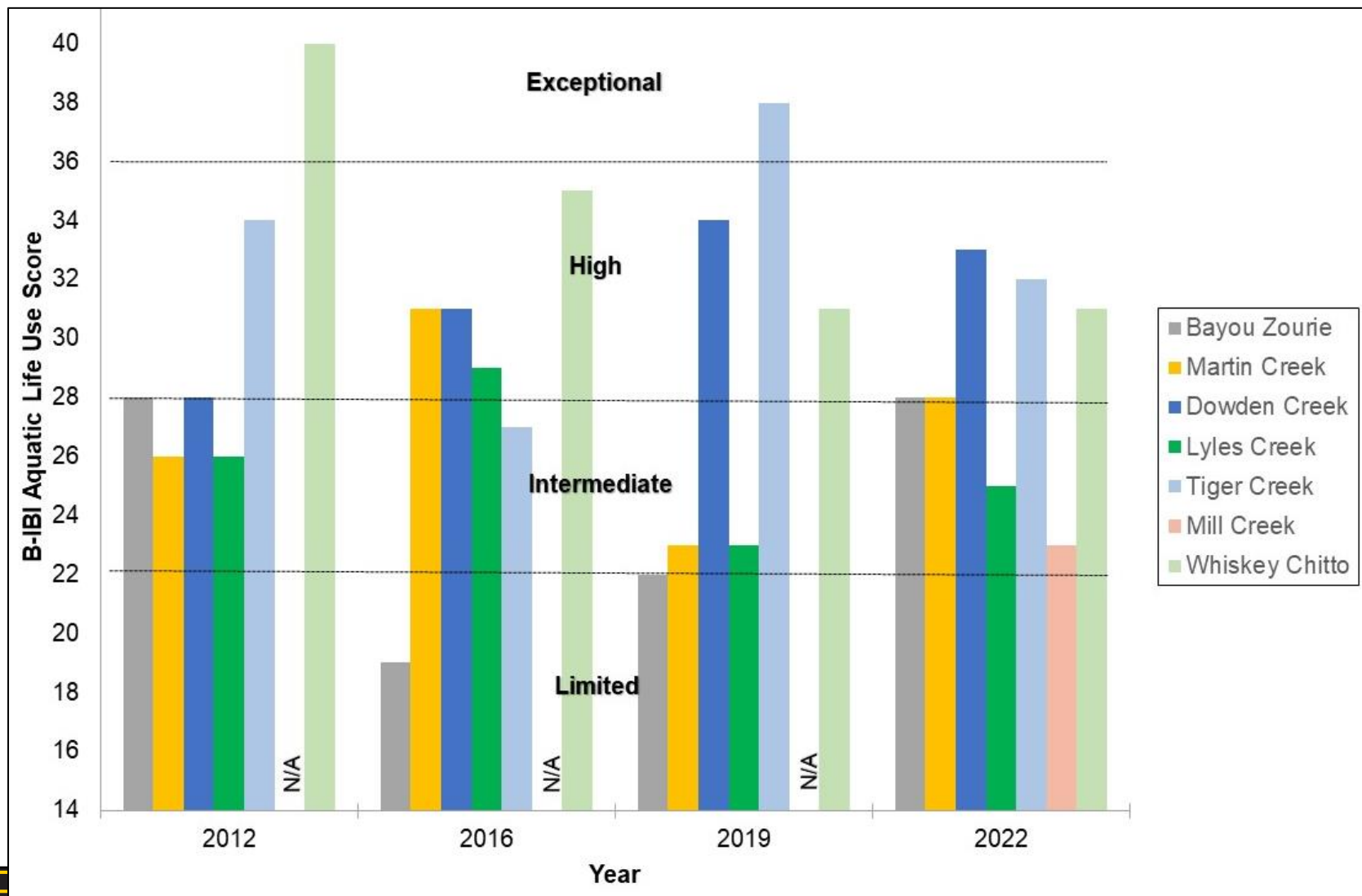
### Task 1-3.7: Water Quality and Aquatic Ecosystem Health – Sample Locations



# SEMP FY23 Monitoring Results

## Objective 1-3: Water Resource Protection / Stream Crossing and Sediment Basin Maintenance Annual Results

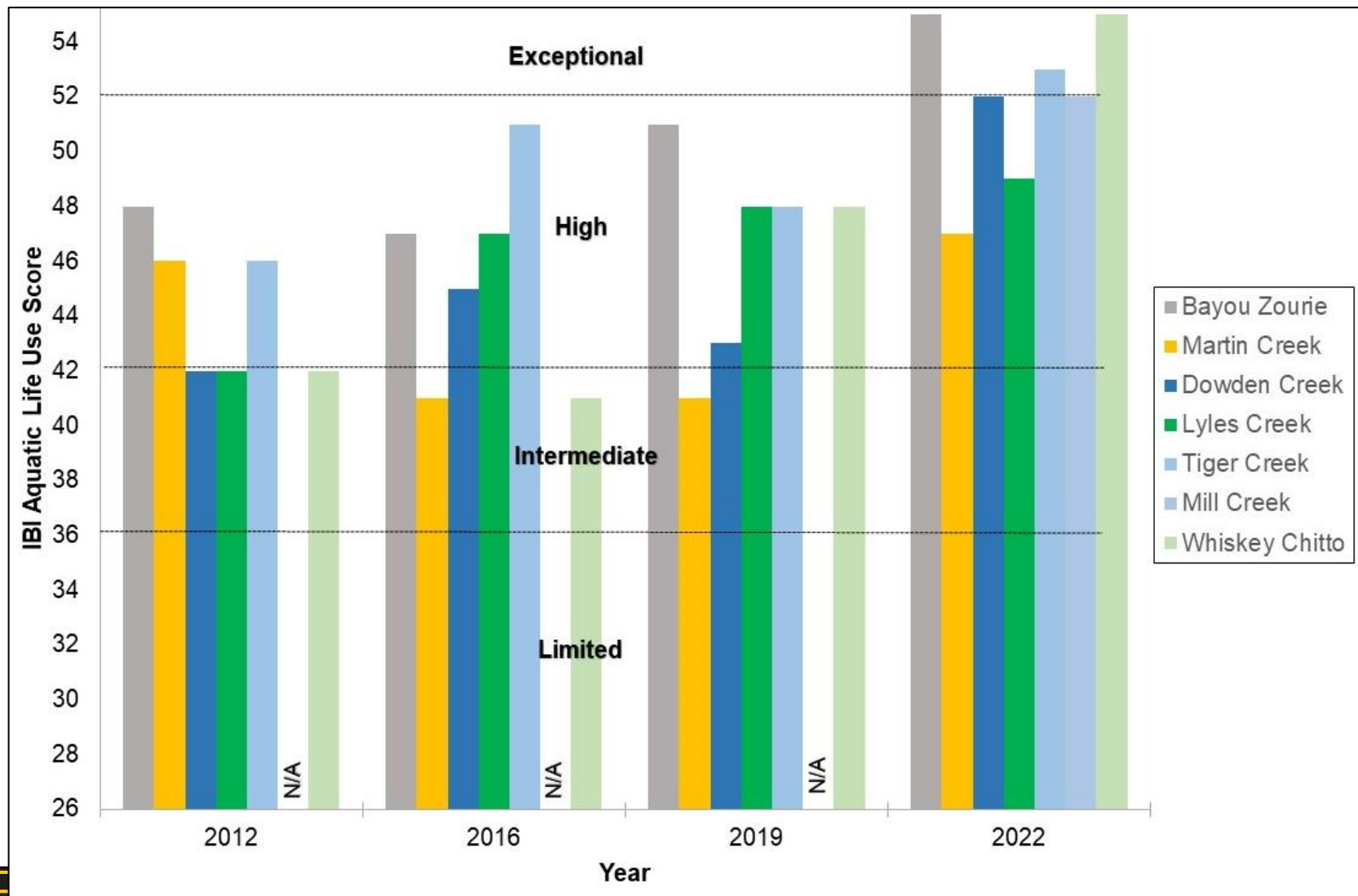
### Task 1-3.7: Water Quality and Aquatic Ecosystem Health – B-IBI (2012-22)



# SEMP FY23 Monitoring Results

## Objective 1-3: Water Resource Protection / Stream Crossing and Sediment Basin Maintenance Annual Results

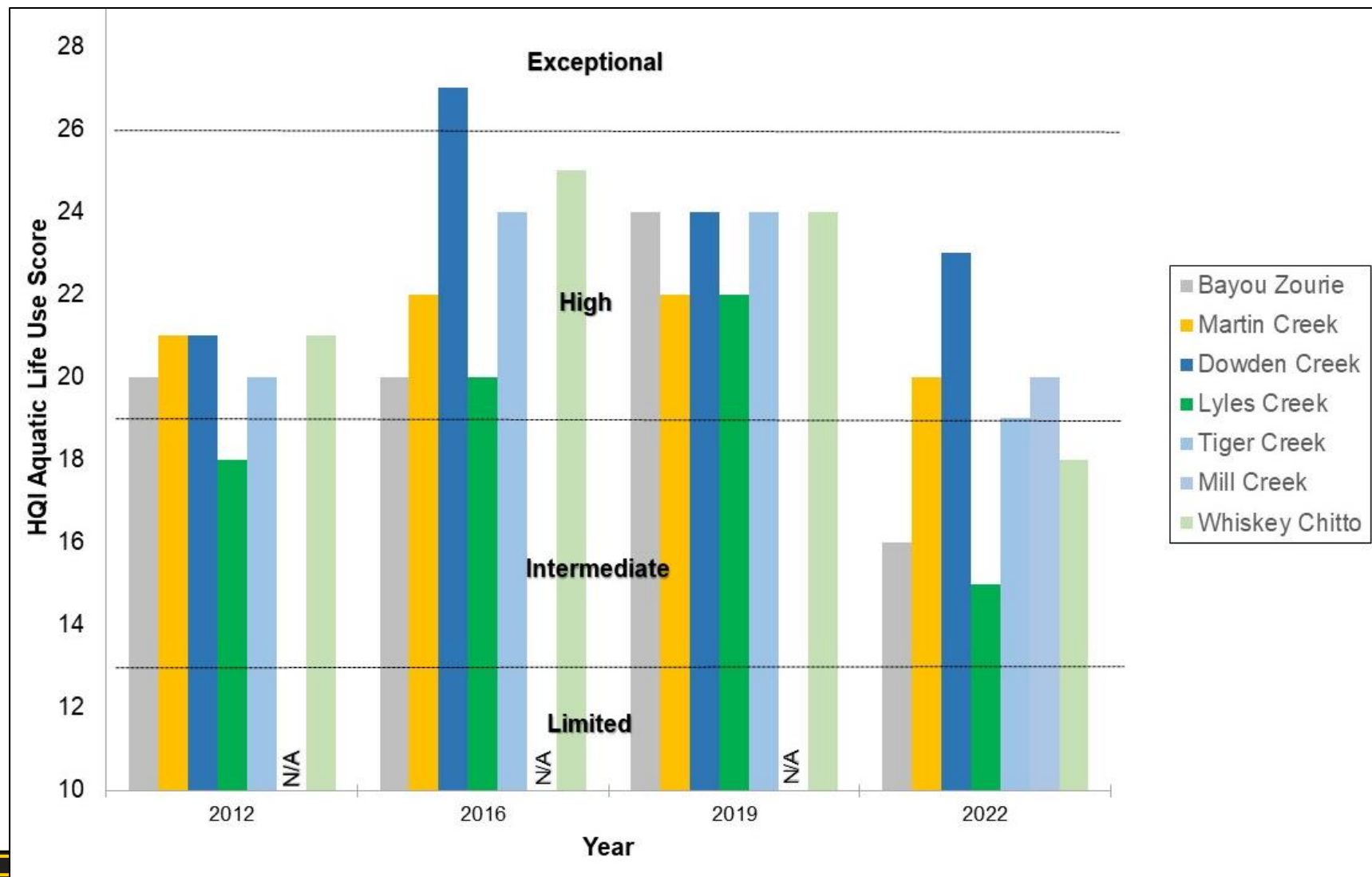
### Task 1-3.7: Water Quality and Aquatic Ecosystem Health – IBI (2012-22)



# SEMP FY23 Monitoring Results

## Objective 1-3: Water Resource Protection / Stream Crossing and Sediment Basin Maintenance Annual Results

### Task 1-3.7: Water Quality and Aquatic Ecosystem Health – HQI (2012-22)





# SEMP FY23 Monitoring Results

## Objective 2-1: Red-cockaded Woodpecker Population Recovery



# SEMP FY23 Monitoring Results

## Objective 2-1: RCW Population Recovery Annual Results

Task#	Metric	Reporting Frequency	Performance Results
			FY23
2-1.1	Percentage of critical JMP activities completed within prescribed time frames.	Annual	Green (100%)
2-1.2	Revised metric (approved 24 April 14): Number of OCTs and Soldiers for each MSC receiving certification.	Annual	See trend (979 HSU and 405 non-tenant Soldiers received in-person SRA training and/or SRAT certification in FY23. All Soldiers receiving OIC/RSO training concurrently received in-person SRA training)
2-1.3	Percent of RCW clusters requiring painting, signing and/or fuel removal that received those maintenance activities on Fort Johnson and KNF lands utilized by the Army for training.	Annual	Green (251 / 251 = 100%)
2-1.4	Trends for violation of range regulations for protection of the RCW.	Annual	See trend (n = 5)
2-1.6	Change in number of groups within the Vernon-Fort Johnson RCW population.	Annual	Green (2022 change = +5% 1-yr; 5-yr change = +12%; population-level increases observed)



# SEMP FY23 Monitoring Results

## Objective 2-1: RCW Population Recovery Annual Results

### SEMP Task 2-1.3: Selected FY23 RCW Cluster Maintenance Accomplishments

	Fort Johnson			Fort Johnson-North			Vernon Unit			Total		
Management Action	#Available <sup>a</sup>	#Completed <sup>b</sup>	%Completed	#Available	#Completed	%Completed	#Available	#Completed	%Completed	#Available	#Completed	%Completed
Buffer - Establish	23	23	100%	10	10	100%	13	13	100%	46	46	100%
Buffer - Sign	3	3	100%	0	0	100%	15	15	100%	18	18	100%
Remove Excess Fuel Around Trees	47	47	100%	6	6	100%	134	134	100%	187	187	100%
<b>Total</b>	<b>73</b>	<b>73</b>	<b>100%</b>	<b>16</b>	<b>16</b>	<b>100%</b>	<b>162</b>	<b>162</b>	<b>100%</b>	<b>251</b>	<b>251</b>	<b>100%</b>

Notes: <sup>a</sup> Number of clusters for which the management action was recommended; <sup>b</sup> Number of clusters where the recommended management action was completed.

**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).

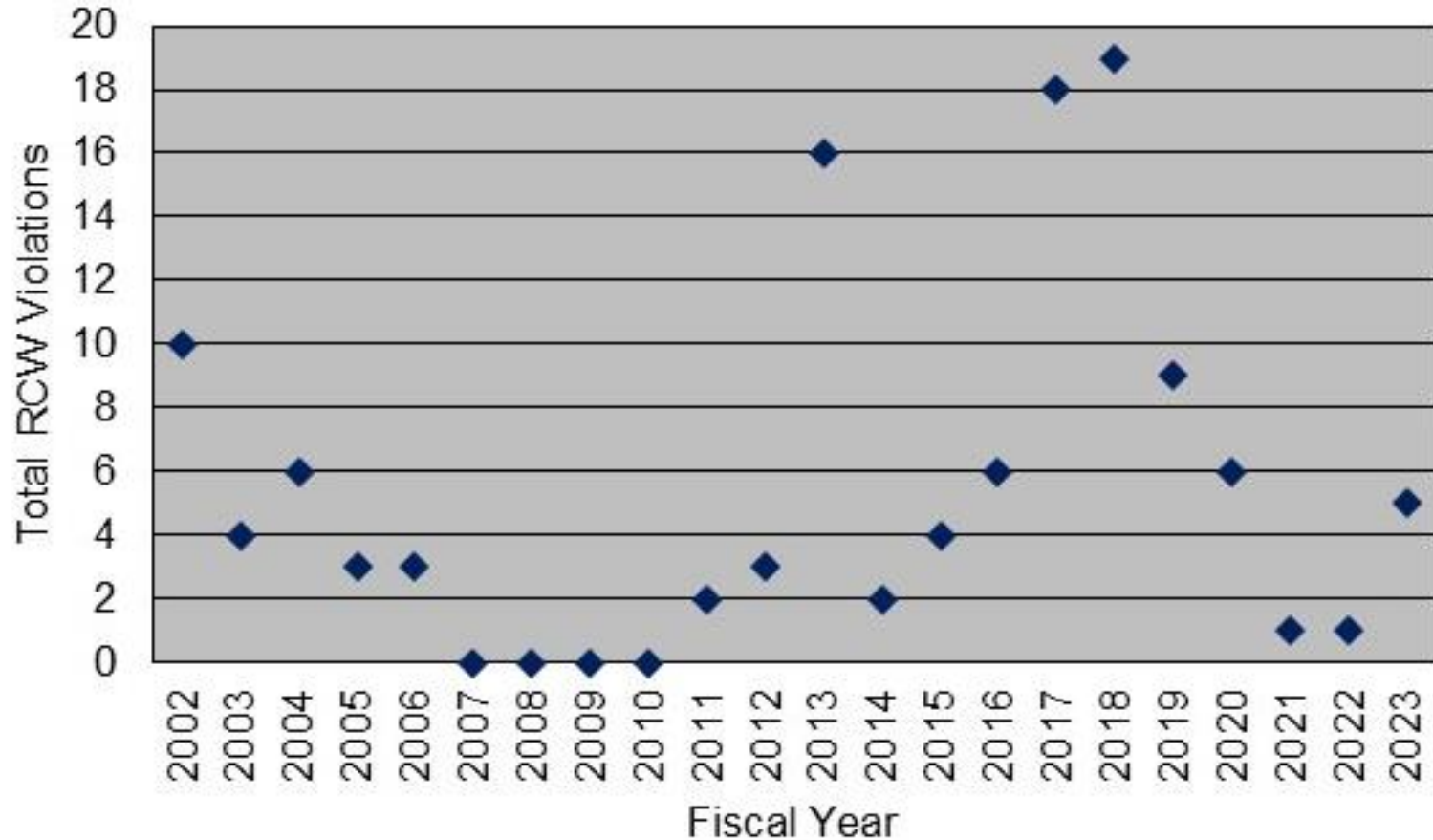
**AMBER:** Maintenance was accomplished for 70-89 percent of clusters that required maintenance on Army and Forest Service land (IUA and LUA).

**RED:** Maintenance was accomplished for <70 percent of clusters that required maintenance on Army and Forest Service land (IUA and LUA).

# SEMP FY23 Monitoring Results

## *Objective 2-1: RCW Population Recovery Annual Results*

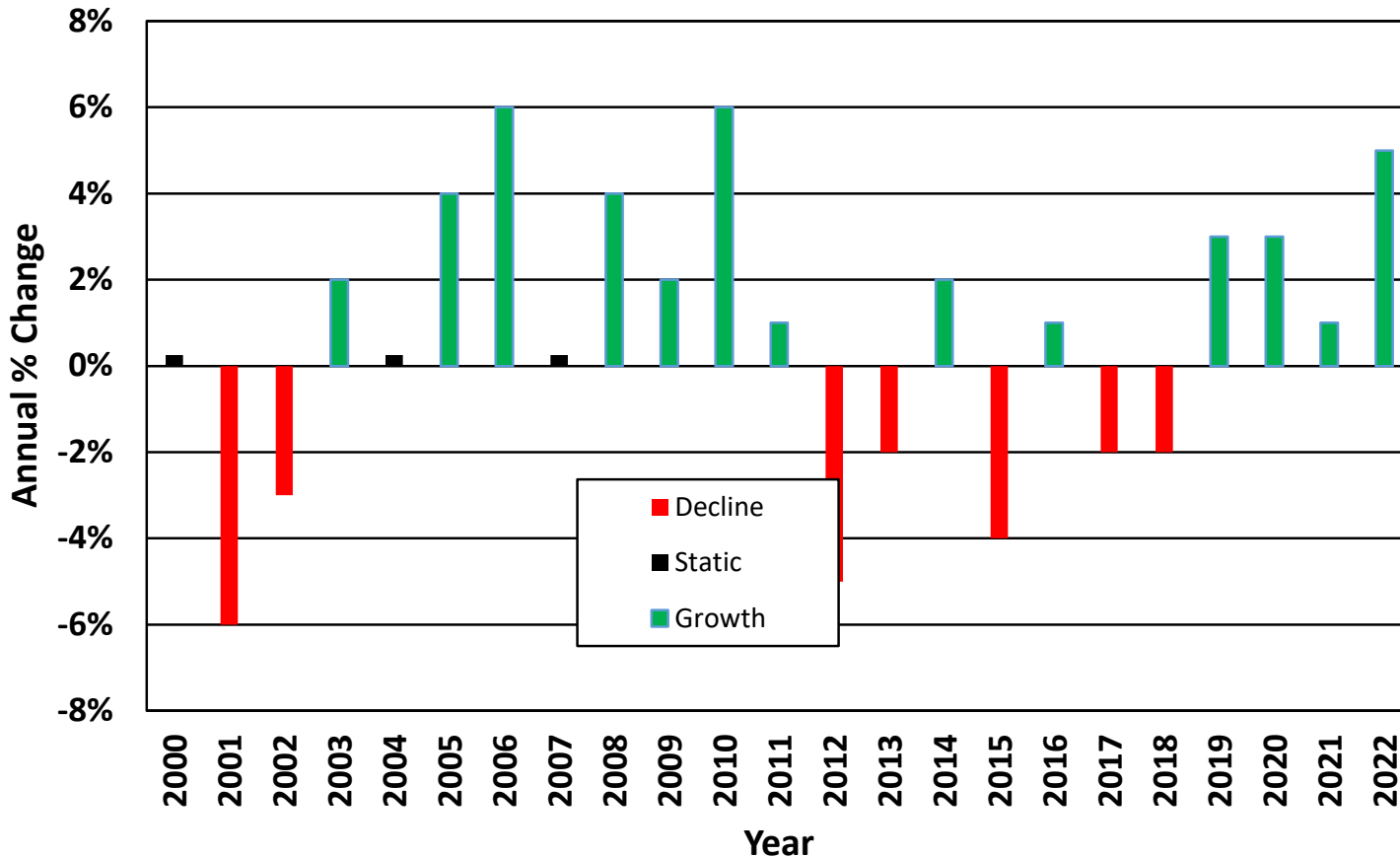
### Task 2-1.4: Red-Cockaded Woodpecker (RCW) Cluster Violations, FY2002 – 2023



# SEMP FY23 Monitoring Results

## Objective 2-1: RCW Population Recovery Annual Results

Task 2-1.6: Annual Change ( $\lambda$ ) in Number of Groups in the Vernon-Fort Johnson RCW Population as a Whole, 2000–2022



# SEMP FY23 Monitoring Results

## *Objective 2-1: RCW Population Recovery Annual Results*

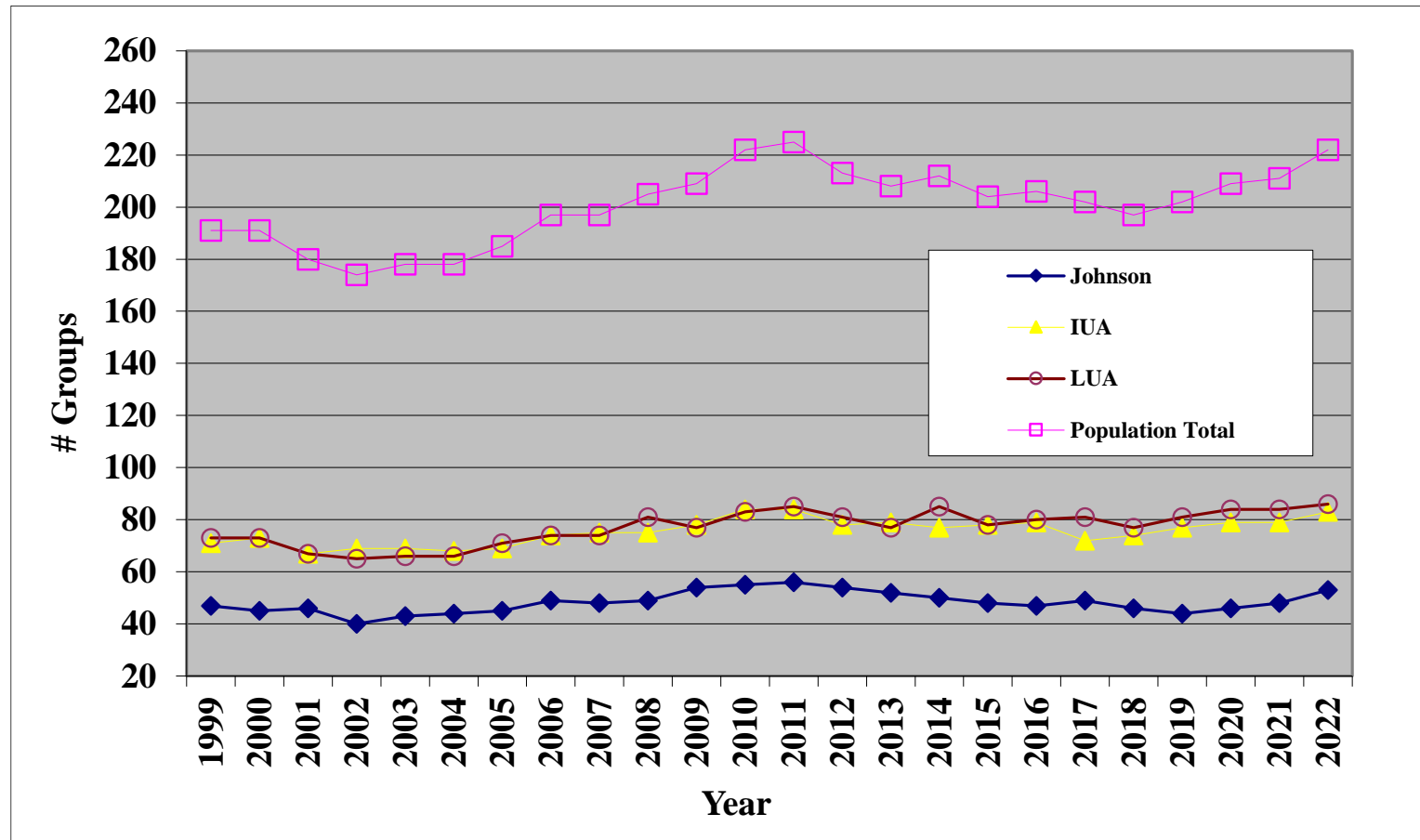
Task 2-1.6: Annual (2021) and Multi-year (2018–2022) Change ( $\lambda$ ) in Number of Groups in the Vernon-Fort Johnson RCW Population by Administrative Unit and as a Whole

Admin. Unit	Annual Group $\lambda$	Multiyear $\lambda$ (90% CI)
Fort Johnson	1.10	1.16 (1.01, 1.33)
IUA	1.05	1.11 (1.07, 1.15)
LUA	1.02	1.11 (1.06, 1.16)
Vernon	1.04	1.11 (1.07, 1.15)
Vernon-Ft. Johnson	1.05	1.12 (1.09, 1.15)

# Review and Evaluation of Monitoring Results

## *Objective 2-1 RCW Population Recovery Annual Results*

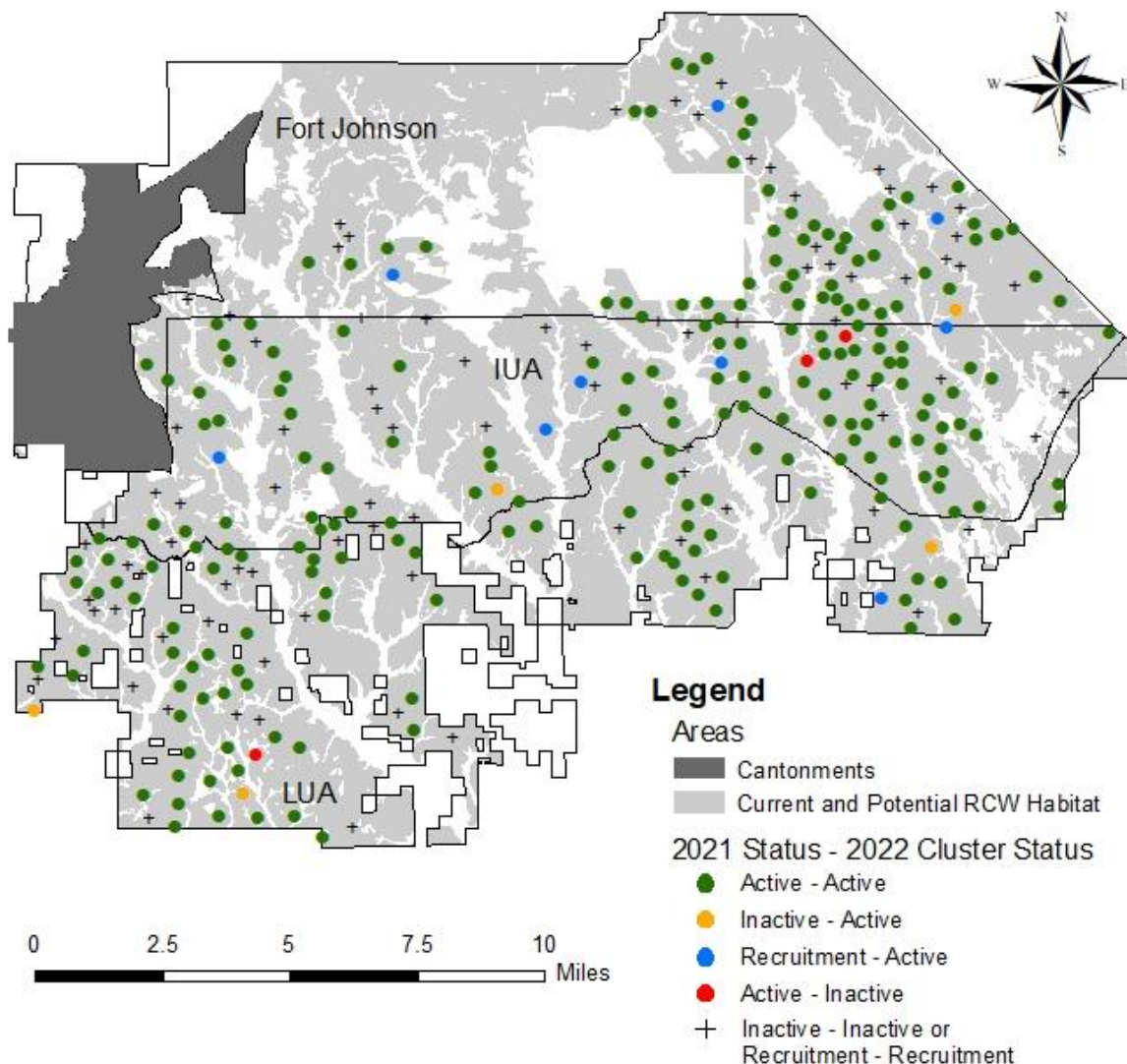
Task 2-1.6: Number of Groups in the Vernon-Fort Johnson  
RCW Population by Administrative Unit and as a Whole, 1999–2022



# Review and Evaluation of Monitoring Results

## *Objective 2-1 RCW Population Recovery Annual Results*

### Task 2-1.6: Vernon-Fort Johnson RCW Cluster Activity Status Transitions (from 2021 to 2022)





# SEMP FY23 Monitoring Results

## Objective 2-2: Longleaf Pine Forest Management



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# SEMP FY23 Monitoring Results

## Objective 2-2: Longleaf Pine Forest Management Annual Results

Task#	Metric	Reporting Frequency	Performance Results
			FY23
<b>2-2.1</b>	Percent of potential Red-cockaded Woodpecker (RCW) habitat acres (pine and pine-hardwood stands) for Fort Johnson, Fort Johnson-North, 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 = 86% in 10 years and 100% in 15 years; USFS totals = 15% in 10 years and 30% in 15 years; Overall totals = 50% in 10 years and 63% in 15 years)
<b>2-2.2A</b>	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 = 86% in 3 years and 87% in 5 years; USFS totals = 73% in 3 years and 85% in 5 years; Overall totals = 79% in 3 years and 86% in 5 years)
<b>2-2.2B</b>	Percent of planned prescribed burning accomplished within RCW HMU (total area planned/total area burned based on burning plan map published 1 October).	Annual	Green (Army total = 77% of planned FY23 RCW HMU burning completed; USFS total = 85% of planned FY23 RCW HMU burning completed; Overall total = 82% of planned FY23 RCW HMU burning completed)
<b>2-2.3</b>	Metric eliminated July 2016.	N/A	N/A
<b>2-2.4</b>	Percent of potential RCW habitat required to support the Vernon-Fort Johnson and Fort Johnson-North RCW populations at recovery that is currently available.	Annual	Green (Estimated percent of required RCW habitat available is 113% for Vernon-Fort Johnson population and 105% for Fort Johnson-North based on population targets and habitat guidelines; 0 acres of current or potential RCW habitat were removed within the RCW HMUs in FY23 on Fort Johnson, Fort Johnson-North and the Vernon Unit)



# SEMP FY23 Monitoring Results

## Objective 2-2: Longleaf Pine Forest Management Annual Results

### Task 2-2.1: Forest Inventory Status – FY23 Annual Results

Management Area	Total Compartment Acres	Years Since Inventory	Compartment Inventory	
			Acres Inventoried	Percent of Total Acres
IUA	39,649	<=10	0	0%
		<=15	8,846	22%
LUA	45,917	<=10	12,457	27%
		<=15	16,472	36%
Vernon Total	85,566	<=10	12,457	15%
		<=15	25,317	30%
Fort Johnson	52,417	<=10	46,693	89%
		<=15	52,417	100%
Fort Johnson-North	26,394	<=10	21,219	80%
		<=15	26,394	100%
Army Total	78,811	<=10	67,912	86%
		<=15	78,811	100%
Grand Total	164,377	<=10	80,369	49%
		<=15	104,128	63%

**Green:** Inventories for pine and pine-hardwood stands have been completed for  $\geq 90\%$  of the stand area in  $\leq 10$  years; and 100% of area in  $\leq 15$  years

**Amber:** Inventories for pine and pine-hardwood stands have been completed for  $< 90\%$  of the stand area in  $\leq 10$  years or  $< 100\%$  of the area in  $\leq 15$  years; and inventories have been completed for  $\geq 80\%$  of the area in  $\leq 10$  years and  $\geq 95\%$  of the area in  $\leq 15$  years

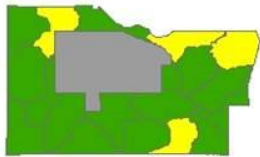
**Red:** Inventories for pine and pine-hardwood stands have been completed for  $< 80\%$  of the stand area in  $\leq 10$  years; or  $< 95\%$  of the area in  $\leq 15$  years








# SEMP FY23 Monitoring Results

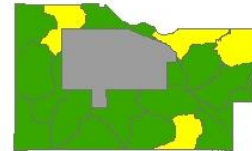
## Objective 2-2: Longleaf Pine Forest Management Annual Results

### Task 2-2.1: Forest Inventory Status – FY22 and FY23








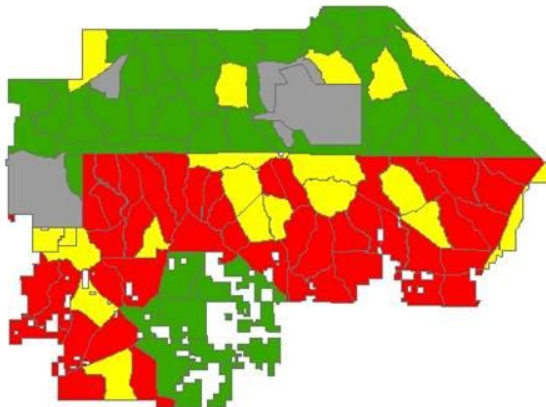
#### Legend

-  Forest Compartment Boundary
-  Inventoried Within 10 years (2013-2022)
-  Inventoried Within 10-15 years (2008-2012)
-  Last Inventory > 15 years ago (before 2008)
-  Non-Inventoried Lands



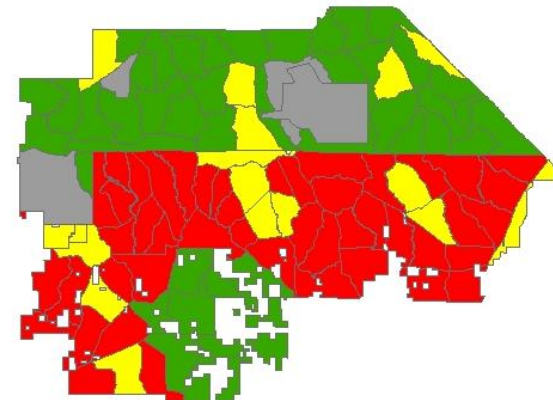
#### Legend

-  Forest Compartment Boundary
-  Inventoried Within 10 years (2014-2023)
-  Inventoried Within 10-15 years (2009-2013)
-  Last Inventory > 15 years ago (before 2009)
-  Non-Inventoried Lands



0 1.25 2.5 5 7.5 10 Miles

**FY22**



0 1.25 2.5 5 7.5 10 Miles

**FY23**



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# SEMP FY23 Monitoring Results

## Objective 2-2: Longleaf Pine Forest Management Annual Results

### Task 2-2.2A: Prescribed Burning Status – FY23 Annual Results

Management Area	Total Burnable Acres	Years Since Burn	Compartment Prescribed Burning	
			Acres Burned	Percent of Total Acres
IUA	39,756	<=3	32,759	82%
		<=5	39,599	99%
LUA	39,483	<=3	24,909	63%
		<=5	27,479	70%
Vernon Total	79,239	<=3	57,668	73%
		<=5	67,078	85%
Fort Johnson	48,205	<=3	40,252	84%
		<=5	41,176	85%
Fort Johnson-North	26,394	<=3	23,657	90%
		<=5	23,657	90%
Army Total	74,599	<=3	63,909	86%
		<=5	64,833	87%
Grand Total	153,838	<=3	121,577	79%
		<=5	131,911	86%
Green: Prescribed burning was completed for ≥ 90% of pine and pine-hardwood forest acres in ≤ 3 years and 100% of these acres in ≤ 5 years		Amber: Prescribed burning was completed for < 90% of pine and pine-hardwood forest 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	Red: Prescribed burning was completed for < 80% of the pine and pine-hardwood forest acres in ≤ 3 years; or < 95% of these acres in ≤ 5 years	






# SEMP FY23 Monitoring Results

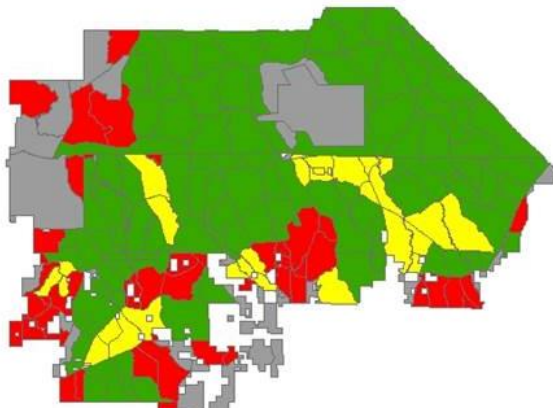
## Objective 2-2: Longleaf Pine Forest Management Annual Results

### Task 2-2.2A: Prescribed Burning Status – FY22 and FY23



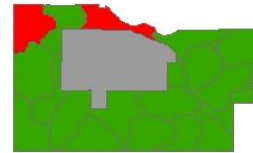
#### Legend

-  Burn Area Boundary
-  Last Burned  $\leq 3$  Yrs (2020 - 2022)
-  Last Burned  $>3$  &  $\leq 5$  Yrs (2018 - 2019)
-  Last Burned  $> 5$  Yrs (before 2018)
-  Areas Not On Regular Burn Schedule








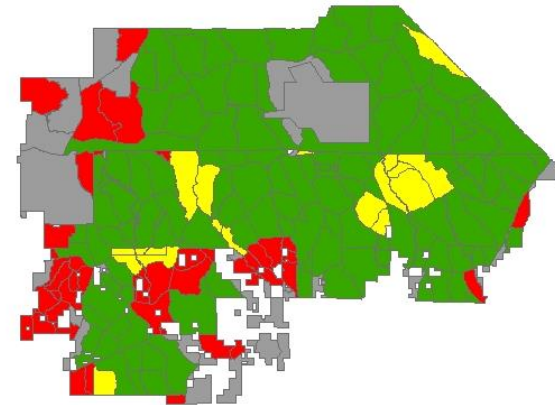
0 1.25 2.5 5 7.5 10 Miles

**FY22**



#### Legend

-  Burn Area Boundary
-  Last Burned  $\leq 3$  Yrs (2021 - 2023)
-  Last Burned  $>3$  &  $\leq 5$  Yrs (2019 - 2020)
-  Last Burned  $> 5$  Yrs (before 2019)
-  Areas Not On Regular Burn Schedule



0 1.25 2.5 5 7.5 10 Miles

**FY23**



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# SEMP FY23 Monitoring Results

## Objective 2-2: Longleaf Pine Forest Management Annual Results

### Task 2-2.2B: RCW HMU Prescribed Burning Annual Accomplishments – FY23 Annual Results

Admin Unit	HMU Acres	HMU Acres Planned for Burn	Planned and Burned	% HMU Planned Acres Burned
Vernon Unit*	79,239	31,639	26,837	85%
Fort Johnson	31,869	8,235	6,152	75%
Fort Johnson-North	17,490	5,804	4,602	79%
Army Total	49,359	14,039	10,754	77%
<b>Grand Total</b>	<b>128,598</b>	<b>45,678</b>	<b>37,591</b>	<b>82%</b>

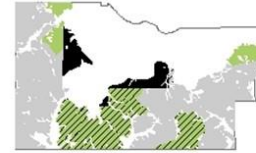
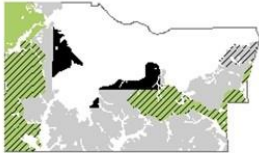
\*In the absence of an RCW HMU layer for the Vernon Unit, all Vernon Unit acres (including hardwood stands) were considered in the analysis except those acres identified as infrequently prescribed burned due to adjacent private lands ("No Burn" areas)

<b>Green:</b> Green: $\geq 75\%$ of planned burning within RCW HMU was accomplished during the fiscal year	<b>Amber:</b> $< 75\%$ and $\geq 50\%$ of planned burning within RCW HMU was accomplished during the fiscal year	<b>Red:</b> $< 50\%$ of planned burning was accomplished within RCW HMU was accomplished during the fiscal year
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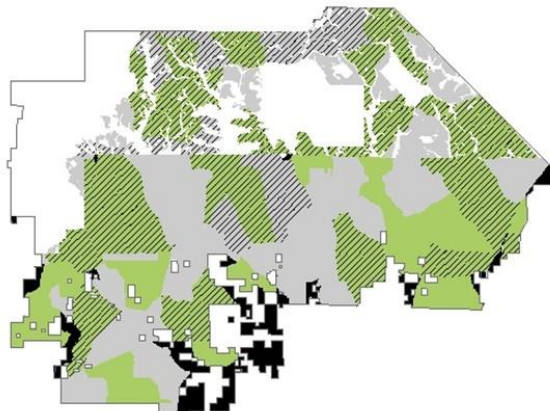
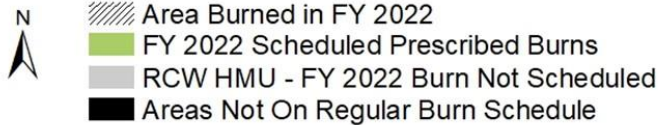
# SEMP FY23 Monitoring Results

## *Objective 2-2: Longleaf Pine Forest Management Annual Results*

### Task 2-2.2B: RCW HMU Prescribed Burning Annual Accomplishments – FY22 and FY23



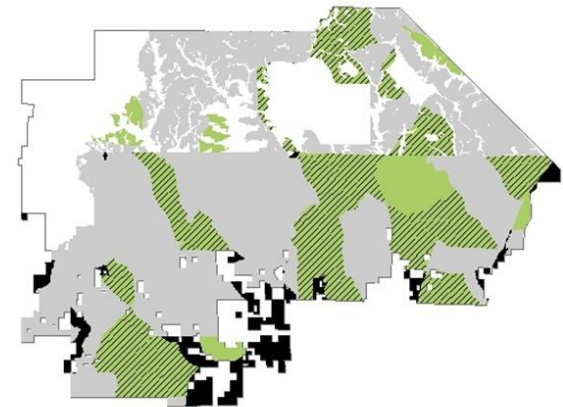
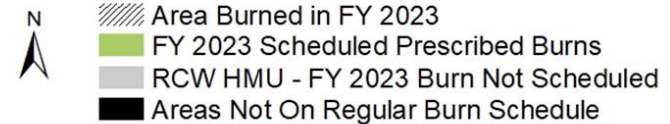
#### Legend



0 1.25 2.5 5 7.5 10 Miles

**FY22**

#### Legend



0 1.25 2.5 5 7.5 10 Miles

**FY23**



# SEMP FY23 Monitoring Results

## Objective 2-3: Louisiana Pine Snake Conservation



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# SEMP FY23 Monitoring Results

## Objective 2-3: Louisiana Pine Snake Conservation Annual Results

Task#	Metric	Reporting Frequency	Performance Results
			CY23/FY23
2-3.1	Signature of US Fish and Wildlife Service approved CCA for the LPS on Fort Johnson, Fort Johnson-North 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 $\leq 3$ years and $\leq 5$ years.	Annual (FY)	Red (USFS totals = 75% in 3 years and 88% in 5 years; Army totals = 94% in 3 years and 95% in 5 years; Overall totals = 81% in 3 years and 90% 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 = 84% of planned FY23 LPS HMU burning completed; Army total = 79% of planned FY23 LPS HMU burning completed; Overall total = 83% of planned FY23 LPS HMU burning completed)
2-3.3A	Fort Johnson and Fort Johnson-North: Total acres of timber harvested within the LPS HMU during the fiscal year.	Annual (FY)	Acres of timber harvested within the Fort Johnson and Fort Johnson-North LPS HMUs in FY2023 were 288 and 0 acres, respectively
2-3.3B	Vernon Unit: Forested acres thinned in the reporting year w/in 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."	Annual (FY)	0 acres were harvested within the Vernon Unit LPS HMU



# SEMP FY23 Monitoring Results

## Objective 2-3: Louisiana Pine Snake Conservation Annual Results

### Task 2-3.2A: LPS Habitat Management, Prescribed Burning Frequency – FY23 Annual Results

LPS Habitat Management Unit	Total Burnable Acres*	Years Since Burn	Prescribed Burn	
			Acres Burned	Percent of Total Acres
<b>Vernon Unit*</b>	58,832	<=3	43,926	75%
		<=5	51,811	88%
Fort Johnson	22,875	<=3	21,575	94%
		<=5	22,046	96%
Fort Johnson-North	5,235	<=3	4,786	91%
		<=5	4,786	91%
<b>Army Total</b>	28,110	<=3	26,361	94%
		<=5	26,832	95%
<b>Grand Total</b>	86,942	<=3	70,287	81%
		<=5	78,643	90%

Note:\*Acres reduced from previous reports, which reported total LPS HMU acres rather than burnable acres

**Green:** Prescribed burning was completed for ≥ 90% of LPS HMU acres in ≤ 3 years and 100% of these acres in ≤ 5 years

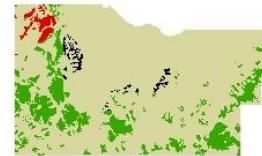
**Amber:** Prescribed burning was completed for < 90% of LPS HMU acres in ≤ 3 years or < 100% of these acres in ≤ 5 years; and prescribed burning was completed for ≥ 80% of the area in ≤ 3 years and ≥ 95 % of the area in ≤ 5 years

**Red:** Prescribed burning was completed for < 80% of LPS HMU acres in ≤ 3 years; or < 95% of these acres in ≤ 5 years

# SEMP FY23 Monitoring Results

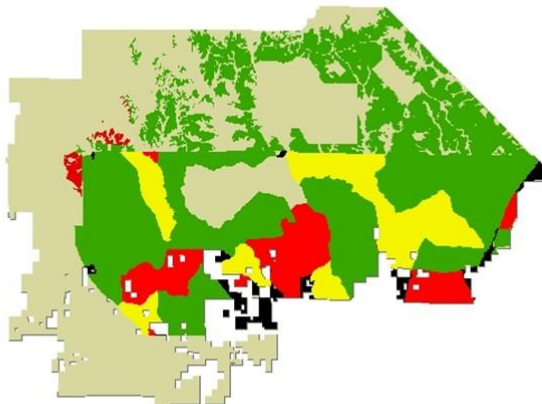
## Objective 2-3: Louisiana Pine Snake Conservation Annual Results

### Task 2-3.2A: LPS Habitat Management, Prescribed Burning Frequency – FY22 and FY23



#### Legend

- Non-HMU
- Areas Not On Regular Burn Schedule
- Last Burned  $\leq 3$  Yrs (2020 - 2022)
- Last Burned  $> 3$  &  $\leq 5$  Yrs (2018 - 2019)
- Last Burned  $> 5$  Yrs (before 2018)

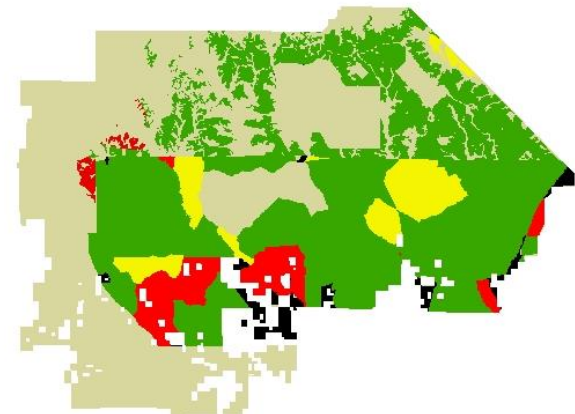


0 1.25 2.5 5 7.5 10 Miles

**FY22**

#### Legend

- Non-HMU
- Areas Not On Regular Burn Schedule
- Last Burned  $\leq 3$  Yrs (2021 - 2023)
- Last Burned  $> 3$  &  $\leq 5$  Yrs (2019 - 2020)
- Last Burned  $> 5$  Yrs (before 2019)



0 1.25 2.5 5 7.5 10 Miles

**FY23**



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# SEMP FY23 Monitoring Results

## Objective 2-3: Louisiana Pine Snake Conservation Annual Results

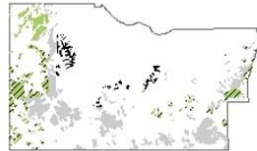
### Task 2-3.2B: LPS Habitat Management, Prescribed Burning Annual Accomplishments – FY23 Results

Admin Unit	HMU Acres	HMU Acres Planned for Burn	Planned and Burned	% HMU Planned Acres Burned
<b>Vernon Unit</b>	58,832	24,831	20,800	<b>84%</b>
Fort Johnson	22,875	6,344	5,053	<b>80%</b>
Fort Johnson-North	5,235	1,601	1,260	<b>79%</b>
<b>Army Total</b>	28,110	7,945	6,313	<b>79%</b>
<b>Grand Total</b>	<b>86,492</b>	<b>32,776</b>	<b>27,113</b>	<b>83%</b>
<div> <div> <b>Green</b>            ≥ 75% of planned burning within LPS HMU was accomplished during the fiscal year         </div> <div> <b>Amber</b>            &lt; 75% and &gt; 50% of planned burning within LPS HMU was accomplished during the fiscal year         </div> <div> <b>Red</b>            &lt; 50% of planned burning was accomplished within LPS HMU was accomplished during the fiscal year         </div> </div>				





# SEMP FY23 Monitoring Results

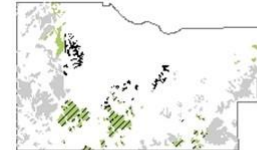
## Objective 2-3: Louisiana Pine Snake Conservation Annual Results

### Task 2-3.2B: LPS Habitat Management, Prescribed Burning Annual Accomplishments – FY22 and FY23







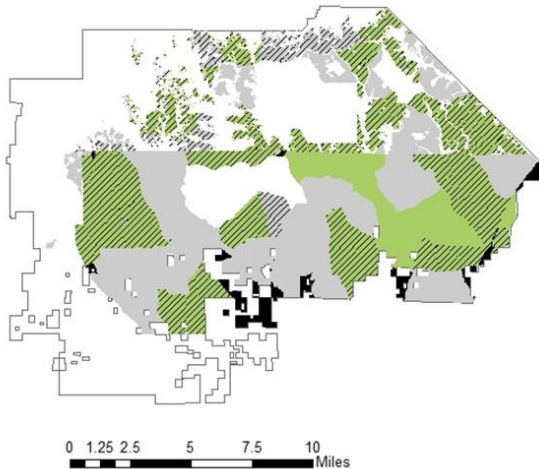
#### Legend

-  LPS HMU Area Burned in FY 2022
-  FY 2022 Scheduled Prescribed Burns
-  LPS HMU - FY 2022 Burn Not Scheduled
-  Areas Not On Regular Burn Schedule

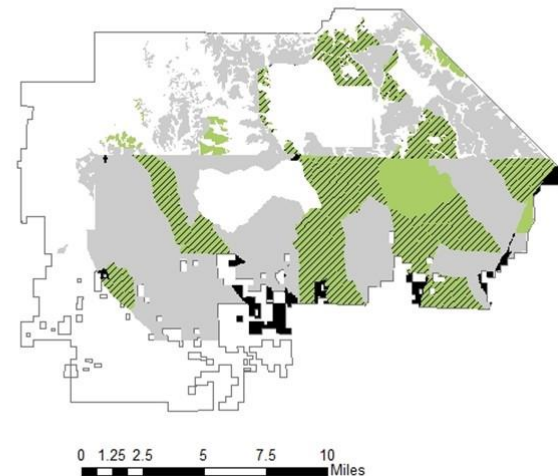


#### Legend

-  LPS HMU Area Burned in FY 2023
-  FY 2023 Scheduled Prescribed Burns
-  LPS HMU - FY 2023 Burn Not Scheduled
-  Areas Not On Regular Burn Schedule



**FY22**



**FY23**



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# SEMP FY23 Monitoring Results

## Objective 2-3: Louisiana Pine Snake Conservation Annual Results

Task#	Metric	Reporting Frequency	Performance Results
			CY23
<b>2-3.4A</b>	Percent of visitor kiosks and hunting check-in locations on Fort Johnson, Fort Johnson-North and Vernon Unit with signage in place promoting LPS conservation.	Annual (CY)	Green (Fort Johnson & Fort Johnson-North: LPS signage verified at 12 / 12 kiosks and check-in stations; Vernon Unit: LPS signage verified at 8 / 8 kiosks)
<b>2-3.4B</b>	A total of at least five LPS public education/outreach events are conducted annually by Fort Johnson and KNF. (Revised metric adopted 20 July 17)	Annual (CY)	Green (Fort Johnson and KNF participated in 15 and 1 LPS outreach events in FY2023, respectively)
<b>2-3.4C</b>	Number of individuals attending LPS outreach events/booths sponsored by Fort Johnson and Kisatchie National Forest, Vernon Unit, and change in number of attendees over time.	Annual (CY)	Fort Johnson:2,488 individuals attended LPS outreach events; Vernon Unit: 650 individuals attended outreach events; <b>Grand total: 3,138</b>





# SEMP FY23 Monitoring Results

## Objective 2-3: Louisiana Pine Snake Conservation Annual Results

Task#	Metric	Reporting Frequency	Performance Results
			CY23
2-3.5	Instances of LPS mortality recorded on road and trail segments on Fort Johnson, KNF Vernon Unit and Fort Johnson-North during field inspections or other surveys of convenience.	Annual (CY)	No LPS road/vehicular mortality was observed in CY23 on Fort Johnson, Fort Johnson-North, or the Vernon Unit
2-3.6	Mean number of trap days per LPS capture by and across administrative units (Fort Johnson, Fort Johnson-North, Vernon Unit, Kisatchie Ranger District) and LPS populations within which trapping occurred.	Annual (CY)	862 trap nights on Fort Johnson, 1 LPS capture/recapture; 0 trap nights on Fort Johnson-North and 0 captures/recapture; 2,035 trap nights on the Vernon, 0 capture/recapture; and 1,078 trap nights on Kisatchie Ranger District, 0 capture/recapture





# SEMP FY23 Monitoring Results

## Objective 2-3: Louisiana Pine Snake Conservation Annual Results

Task#	Metric	Reporting Frequency	Performance Results
			FY23
2-3.7A	Number of OCTs and Soldiers for each MSC receiving certification.	Annual (FY)	See trend (979 HSU and 405 non-tenant Soldiers received in-person SRA training and/or SRAT certification in FY23. All Soldiers receiving OIC/RSO training concurrently received in-person SRA training)
2-3.7B	Percent of Environmental Compliance Officers (ECOs) that have completed the ECO training course.	Annual (FY)	<b>Amber:</b> 1st QTR - 249 ECOs Green or Amber / 268 Required = 93% 2nd QTR - 229 ECOs Green or Amber / 259 Required = 88% 3rd QTR - 199 ECOs Green or Amber / 259 Required = 77% 4th QTR - 199 ECOs Green or Amber / 254 Required = 78% <b>FY Average % Green or Amber = 84%</b>



# SEMP FY23 Monitoring Results

## Objective 2-3: Louisiana Pine Snake Conservation Annual Results

### Task 2-3.7B: Environmental Compliance Officer Training – FY23 Annual Results

FY23	Total Required ECOs*	Total Green	Total Amber	Total Red	Total / Percent Green + Amber
1 Qtr.	268	231	18	19	249 / 93%
2 Qtr.	259	197	32	30	229 / 88%
3 Qtr.	259	173	26	60	199 / 77%
4 Qtr.	254	187	12	55	199 / 78%
<b>FY Avg</b>	<b>260</b>	<b>197</b>	<b>22</b>	<b>41</b>	<b>219 / 84%</b>
*Number of ECOs required is a function of troop deployments and changes in construction contractor's present in any given quarter.					
<b>Green:</b> The percent of ECOs completing the ECO training course is $\geq 90\%$		<b>Amber:</b> The percent of ECOs completing the ECO training course is $\geq 75\%$ and $< 90\%$		<b>Red:</b> The percent of ECOs completing the ECO training course is $< 75\%$	

# SEMP FY23 Monitoring Results

## Objective 2-3: Louisiana Pine Snake Conservation Annual Results

Task#	Metric	Reporting Frequency	Performance Results
			FY23
<b>2-3.8</b>	Percent of permanent and semi-permanent projects within LPS HMUs for which a survey was conducted for pocket gopher mounds (PGM) prior to start of the project.	Annual (FY)	Green (4 projects required PGM surveys on Fort Johnson, Fort Johnson-North and the Vernon Unit, and 4 were completed)
<b>2-3.9A</b>	Acres within LPS HMUs on Fort Johnson and the Vernon Unit, combined, and within the Fort Johnson-North 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 FY23 on Fort Johnson, Fort Johnson-North, or the Vernon Unit
<b>2-3.9B</b>	Total acres within LPS HMUs on Fort Johnson and the Vernon Unit, combined, and within the Fort Johnson-North HMU remaining in a land use suitable for LPS use.	Annual (FY)	Vernon Unit: 61,399 Fort Johnson: 22,525 Fort Johnson-North: 5,588 Army Total: 28,123 Grand Total: 89,522
<b>2-3.10</b>	Number of Erosion Control Blanket (ECB) best management practices (BMPs) recommended annually within Fort Johnson and Vernon Unit LPS HMUs combined, and the Fort Johnson-North LPS HMU. (Note: the metric will track recommendations made by Fort Johnson ENRMD and Calcasieu District.)	Annual (FY)	No ECB's recommended by Fort Johnson ENRMD or Vernon Unit in FY23

# SEMP FY23 Monitoring Results

## Objective 2-4: Bog Mapping and Monitoring



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# SEMP FY23 Monitoring Results

## Objective 2-4: Bog Mapping and Monitoring Annual Results

Task#	Metric	Reporting Frequency	Performance Results
			FY23
2-4.2	Fort Johnson, KNF Vernon Unit and Fort Johnson-North 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: Bog map updated 05 July 2023
2-4.3	Annual percentage of “high quality” and potentially “at risk” bogs inspected for military impacts.	Annual	Green; 100 / 100 = 100% 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 Johnson, Fort Johnson-North and the Vernon Unit requiring signage that have adequate signage.	Annual	Green: 16 / 16 = 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 - None of the "high quality" or "at risk" bogs were impacted by military activities in FY23



# SEMP FY23 Monitoring Results

## **Objective 3-1: Integration of Master Planning, Engineering, and Environmental Concerns**



# SEMP FY23 Monitoring Results

## *Objective 3-1 Integration of Master Planning, Engineering, and Environmental Concerns Annual Results*

Task#	Metric	Reporting Frequency	Performance Results
			FY23
3-1.1	Screening/Alternatives Analysis for Siting of New Facilities	Annual	Green (1/1 = 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 Projects: Percentage of candidate new construction and major renovation projects achieving LEED-NC 2.2 Site Selection (SS) Credit 1	Annual	Green (Zero MILCON facilities were placed into service in FY23)
3-1.3A	MILCON Facilities Constructed to LEED-NC Silver: Percent of LEED-NC candidate MILCON (new construction and major renovation) projects that are certified to achieve LEED-NC 2.2 Silver or higher standards.	Annual	Green (Zero MILCON facilities were placed into service in FY23)



# SEMP FY23 Monitoring Results

## Objective 4-1: Hunting and Other Recreational Opportunities





# SEMP FY23 Monitoring Results

## Objective 4-1: Hunting and Other Recreational Opportunities Quarterly Results

Task#	Metric	Reporting Frequency	Performance Results			
			1st Qtr. FY23	2nd Qtr. FY23	3rd Qtr. FY23	4th Qtr. FY23
<b>4-1.1A</b>	Average percent of time per month that Fort Johnson hunting website and Limited Use Area (LUA) and Special Limited Use Area (SLUA) website are operational. Measured by percent of time Fort Johnson webpage was operational over the reporting quarter beginning 1st Qtr FY20.	Quarterly	Green (98% uptime)	Amber (96.1% uptime)	Green (97% uptime)	Green (99% uptime)
<b>4-1.1B</b>	Date of last webmaster update to the hunting and LUA/SLUA websites.	Quarterly	Green: Content updated for both LUA and hunting webpages	Green: Content updated for both LUA and hunting webpages	Green: Content updated for both LUA and hunting webpages	Green: Content updated for both LUA and hunting webpages.



# SEMP FY23 Monitoring Results

## Objective 4-1: Hunting and Other Recreational Opportunities Annual Results

Task#	Metric	Reporting Frequency	Performance Results
			FY23
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 Johnson-Vernon and Fort Johnson-North Wildlife Management Areas (WMAs). Seasons of interest are opening weekends for squirrel, deer (gun), and turkey.	Annual	Amber: 100% LUA, 72% Fort Johnson-Vernon WMA, 89% Fort Johnson-North WMA open for hunting (Note: Seasons of interest are opening weekends for squirrel and turkey, and Thanksgiving deer either-sex hunt)
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	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	See trend (979 HSU and 405 non-tenant Soldiers received in-person SRA training and/or SRAT certification in FY23. All Soldiers receiving OIC/RSO training concurrently received in-person SRA training)
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 Johnson-Vernon and Fort Johnson-North WMAs.	Annual	No trend: USFS, DPTMS, PAO & PAIO received no comments in FY23
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 Johnson-Vernon and Fort Johnson-North WMAs).	Annual	Green: LUA = no change; Fort Johnson-Vernon WMA = 54% increase over 5 years (not statistically significant); Fort Johnson-North WMA = 34% increase over 5 years (not statistically significant)



# SEMP FY23 Monitoring Results

## *Objective 4-1: Hunting and Other Recreational Opportunities* *Annual Results*

Task#	Metric	Reporting Frequency	Performance Results
			FY23
4-1.7	Trends for violations of range regulations restricting military use of recreational facilities or maintained trails in the LUA and SLUA.	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	Green (3.44 points - weight of evidence indicates hunting opportunities on Fort Johnson-Vernon and/or Fort Johnson-North WMAs were not impacted in FY23)



# SEMP FY23 Monitoring Results

## *Objective 4-1: Hunting and Other Recreational Opportunities Annual Results*

### Task 4-1.2 – Fort Johnson-Vernon and Fort Johnson-North WMAs Hunting Availability, State FY23

Hunting Season	Measure	Fort Johnson – Vernon WMA	Fort Johnson-North WMA	Total (Installation Wide)
Opening Weekend - Squirrel Season (02 OCT – 03 OCT)	% Acre-Days Available	89%	100%	94%
Thanksgiving Weekend – Deer (26 NOV – 28 NOV) (bow-only areas excluded)	% Acre-Days Available	92%	100%	96%
Opening Weekend - Turkey Season (02 APR – 03 APR)	% Acre-Days Available	28%	62%	44%
Seasons of Interest Total (Squirrel, Deer, Turkey Weekends)	% Acre-Days Available	72%	89%	80%
Overall Hunting Season (04 SEP - 29 FEB and 02 APR - 01 MAY)	% Acre-Days Available	44%	41%	43%



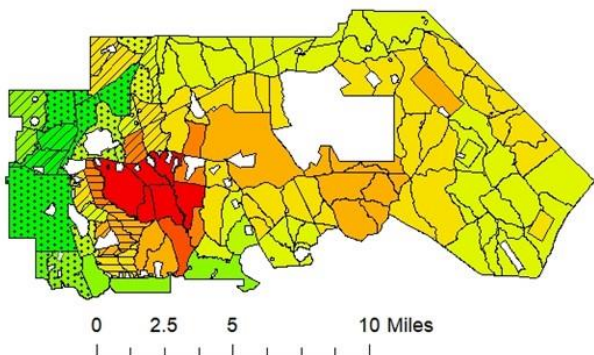
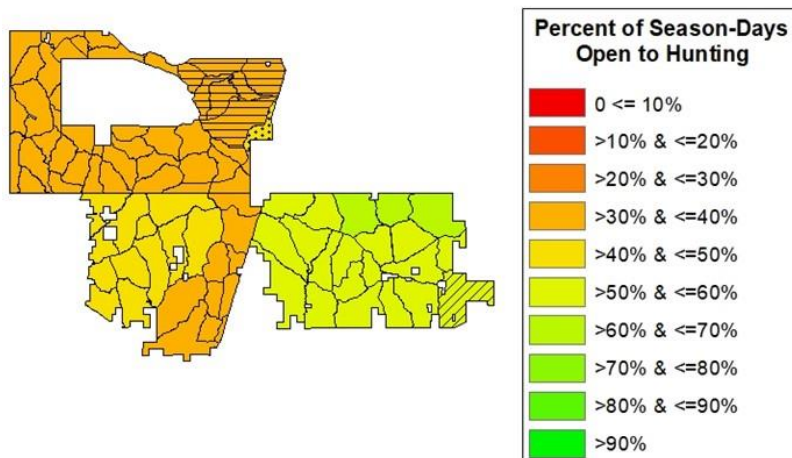
# SEMP FY23 Monitoring Results

## Objective 4-1: Hunting and Other Recreational Opportunities Annual Results






### Task 4-1.2 – Fort Johnson-Vernon and Fort Johnson-North WMAs Hunting Availability, State FY23

#### State FY2022 Fall/Winter Hunting Seasons

(04 September 2021 thru 28 February 2022)

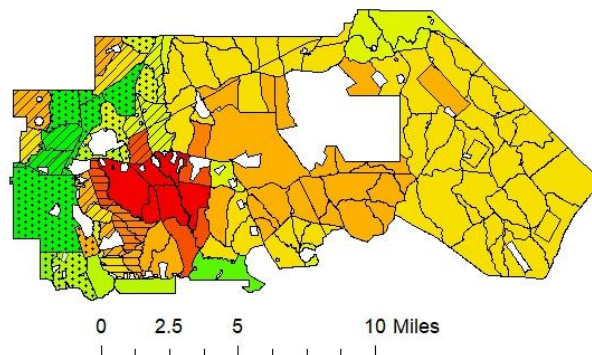
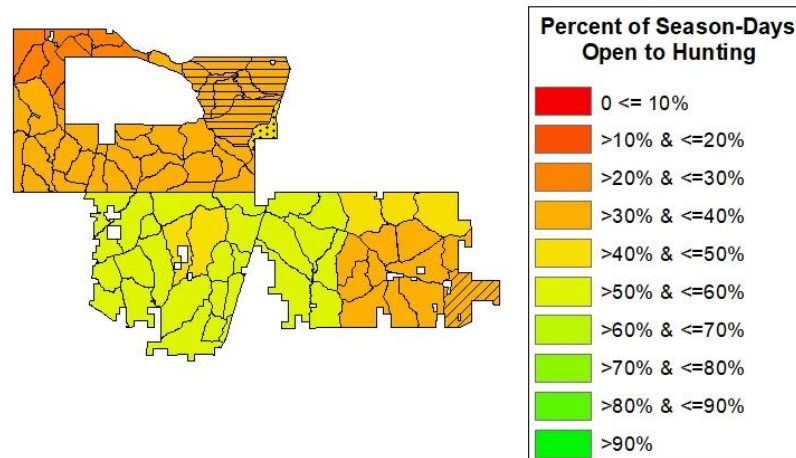


#### Hunting Permitted






-  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

#### State FY2023 Fall/Winter Hunting Seasons

(03 September 2022 thru 28 February 2023)



#### 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



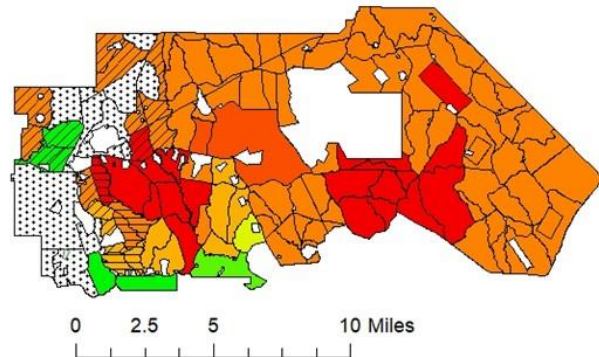
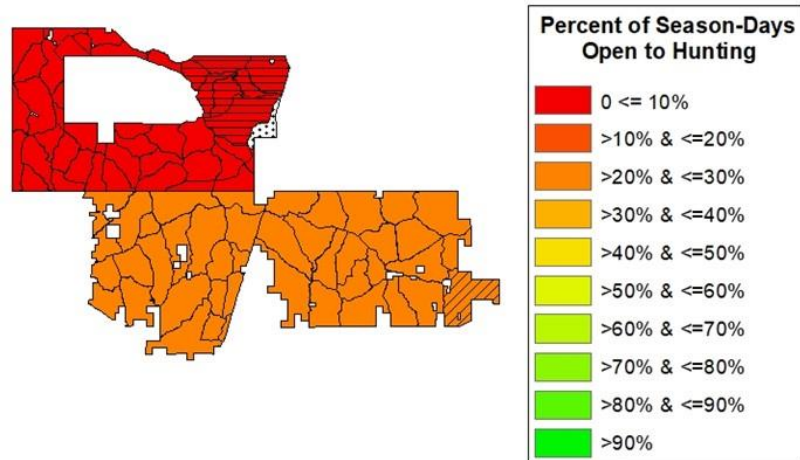
# SEMP FY23 Monitoring Results

## Objective 4-1: Hunting and Other Recreational Opportunities Annual Results

### Task 4-1.2 – Fort Johnson-Vernon and Fort Johnson-North WMAs Hunting Availability, State FY23

#### State FY2022 Spring Turkey Season

(2 April 2022 thru 1 May 2022)

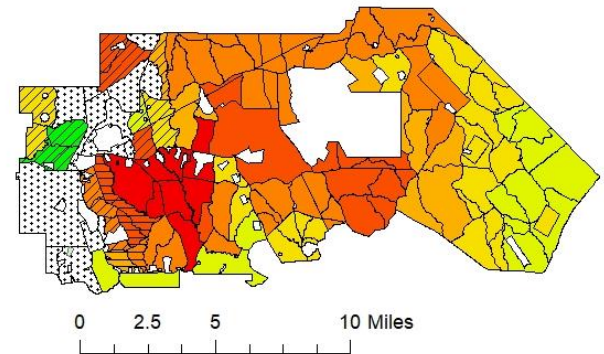
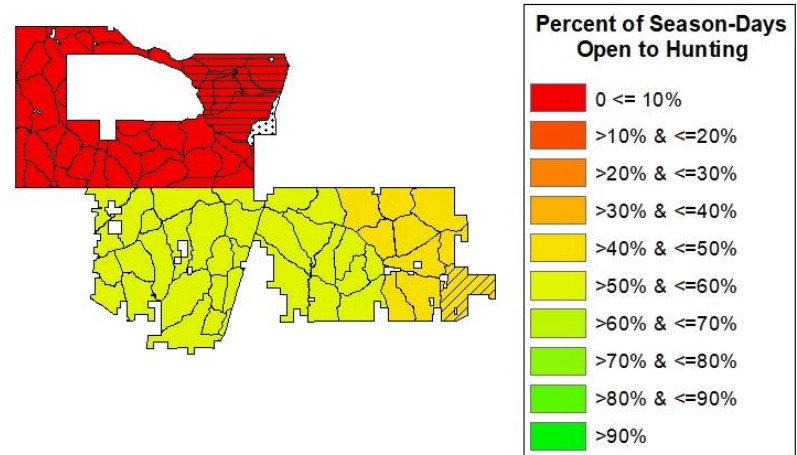


#### Hunting Permitted

- 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

#### State FY2023 Spring Turkey Season

(1 April 2023 thru 30 April 2023)



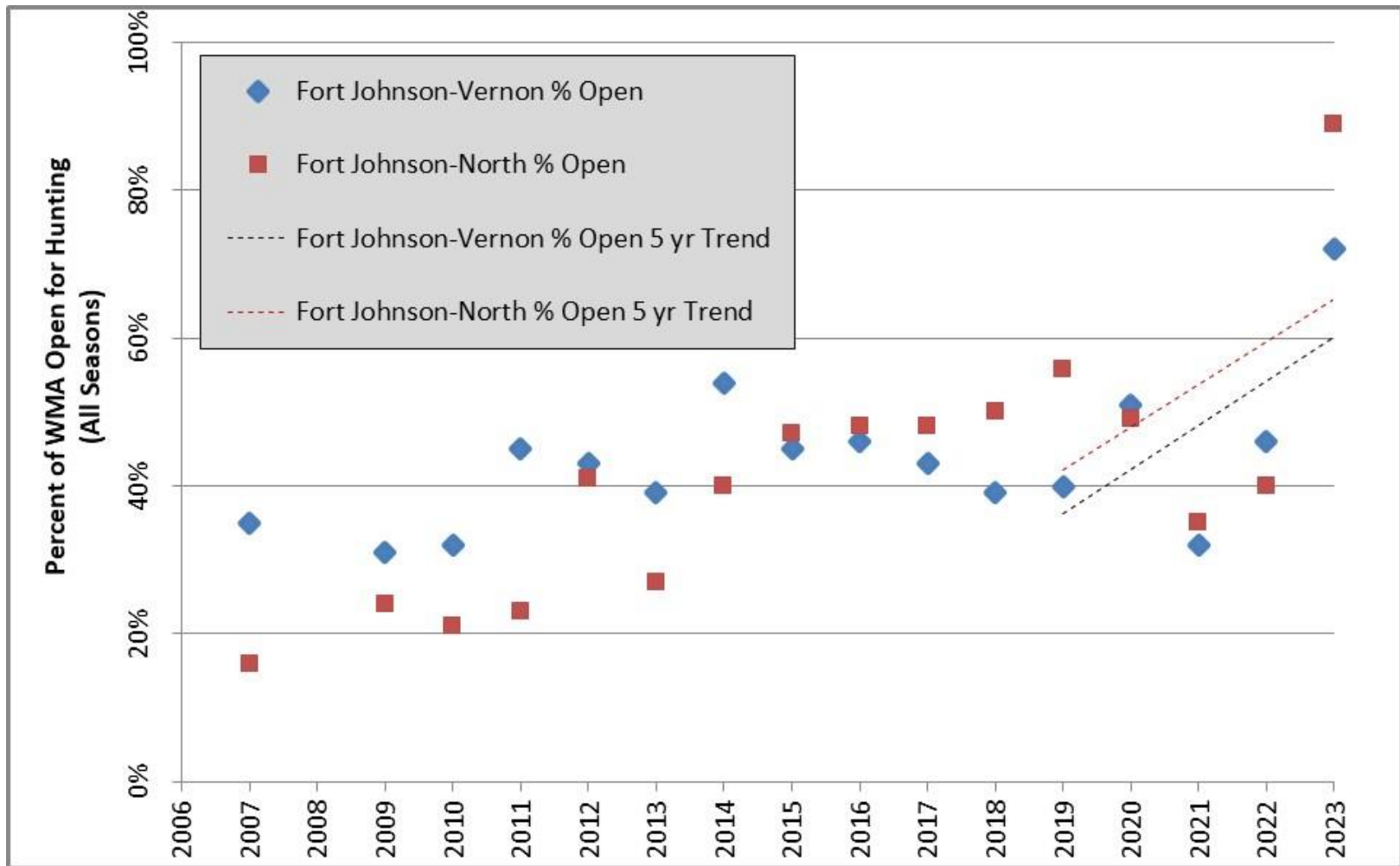
#### Hunting Permitted

- 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

# SEMP FY23 Monitoring Results

## *Objective 4-1: Hunting and Other Recreational Opportunities Annual Results*

### Task 4-1.2 – Fort Johnson-Vernon and Fort Johnson-North WMAs Hunting Availability, State FY07-23



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# SEMP FY23 Monitoring Results

## Objective 4-2: Quality of Life for Installation Neighbors – Noise





# SEMP FY23 Monitoring Results

## Objective 4-2 Quality of Life for Installation Neighbors Quarterly Results: Noise

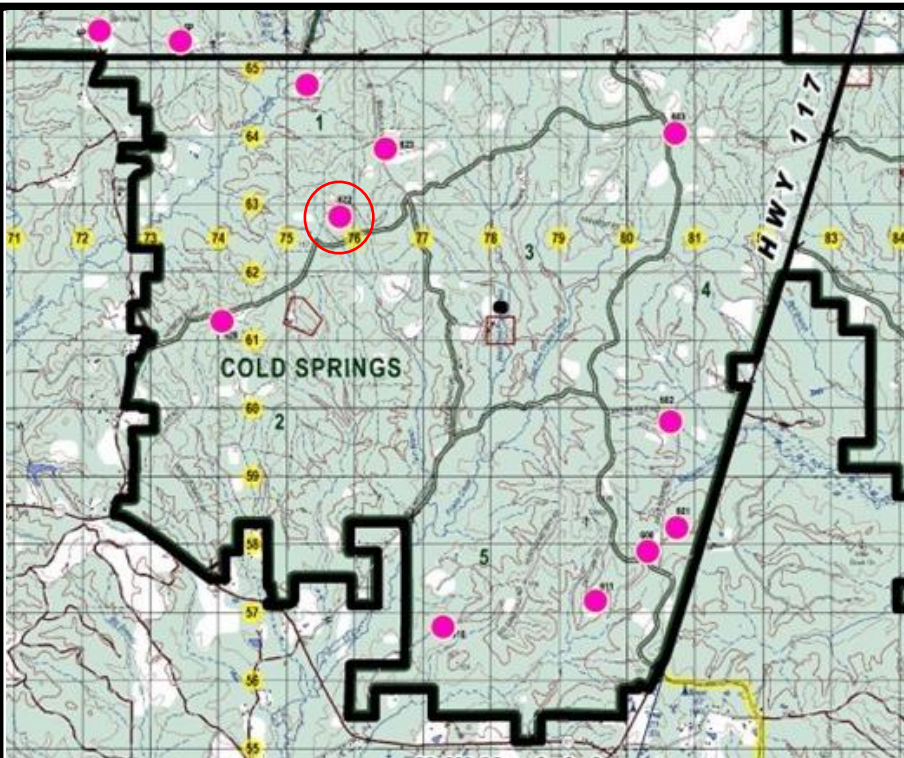
Task#	Metric	Reporting Frequency	Performance Results			
			1st Qtr. FY23	2nd Qtr. FY23	3rd Qtr. FY23	4th Qtr. FY23
4-2.1	Number of operating days/year for LUA and Fort Johnson-North noise monitors (monitor-days/year).	Quarterly	Green: LUA noise monitors: 98% operational; Fort Johnson-North monitors: 97% operational	Green: LUA noise monitors: 99% operational; Fort Johnson-North monitors: 99% operational	Green: LUA noise monitors: 100% operational; Fort Johnson-North monitors: 98% operational	Green: LUA noise monitors: 100% operational; Fort Johnson-North monitors: 100% 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	Red (Two validated noise complaints - one near the LUA due to a low flying helicopter and second resulting in property damage at home on Cold Springs Loop)	Green: No noise complaints	Green: No noise complaints



# SEMP FY23 Monitoring Results

## Objective 4-2 Quality of Life for Installation Neighbors Quarterly Results: Noise

### Task 4-2.2: Quality of Life for Installation Neighbors (Noise) – 2nd Qtr. FY23



**MISSION:** To monitor noise generated by military training and mitigate impacts to the general public

**WHO:** JRTC and Fort Johnson, DPW Environmental, Compliance Management Branch (CMB), Noise Program Manager, Public Affairs Office (PAO), and Rotational Training Unit 2nd Stryker BDE, 4th ID

**WHAT:** Response to a noise complaint

**WHEN:** 28 January 2023

**WHERE:** Cold Springs Training Area, JRTC and Fort Johnson, LA (Nearest firing point – FP 622)

**WHY:** The Installation tracks and records noise levels associated with military training to protect the public

**Complaint:** A community member living on Cold Springs Loop, Anacoco, LA called in a complaint about multiple blasts that occurred on 28 January 2023 resulting in ceiling sheetrock damage to home.

**Response:** Vernon Parish Sheriff's Office responded to complaint and documented damage. Complaint forwarded by PAO to legal for further investigation and processing of any validated claims.

# SEMP FY23 Monitoring Results

## Objective 4-2: Quality of Life for Installation Neighbors – Fire Conditions



# SEMP FY23 Monitoring Results

## Objective 4-2 Quality of Life for Installation Neighbors Quarterly Results: Fire Conditions

Task#	Metric	Reporting Frequency	Performance Results			
			1st Qtr. FY23	2nd Qtr. FY23	3rd Qtr. FY23	4th Qtr. FY23
<b>4-2.6A</b>	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: 15 (16%) Amber: 16 (18%) Red: 61 (66%) Black: 0 (0%)
<b>4-2.6B</b>	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: 16 (100%) Amber: 0 (0%) Red: 0 (0%) Black: 0 (0%)	Green: 46 (100%) Amber: 0 (0%) Red: 0 (0%) Black: 0 (0%)	Green: 20 (100%) Amber: 0 (0%) Red: 0 (0%) Black: 0 (0%)	Green: 3 (3%) Amber: 41 (37%) Red: 67 (60%) Black: 0 (0%)
<b>4-2.6C</b>	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: 159 (100%) Amber: 0 (4%) Red: 0 (0%) Black: 0 (0%)	Green: 3,320 (100%) Amber: 0 (0%) Red: 0 (0%) Black: 0 (0%)	Green: 378 (100%) Amber: 0 (0%) Red: 0 (0%) Black: 0 (0%)	Green: 53 (1%) Amber: 1,131 (19%) Red: 4,649 (80%) Black: 0 (0%)
<b>4-2.8</b>	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

# SEMP FY23 Monitoring Results

## ***Objective 4-2 Quality of Life for Installation Neighbors Quarterly Results: Fire Conditions***

### Tasks 4-2.6A-C: Summary of Fire Conditions, Number of Military-caused Fires and Acres Burned

#### ✓FY23 – Quarters 1-3 combined:

- Fire condition was green for all days
- Total number of military-caused wildfires = 82
- Total acres burned by military-caused fires = 3,857

#### ✓FY23 – Quarter 4

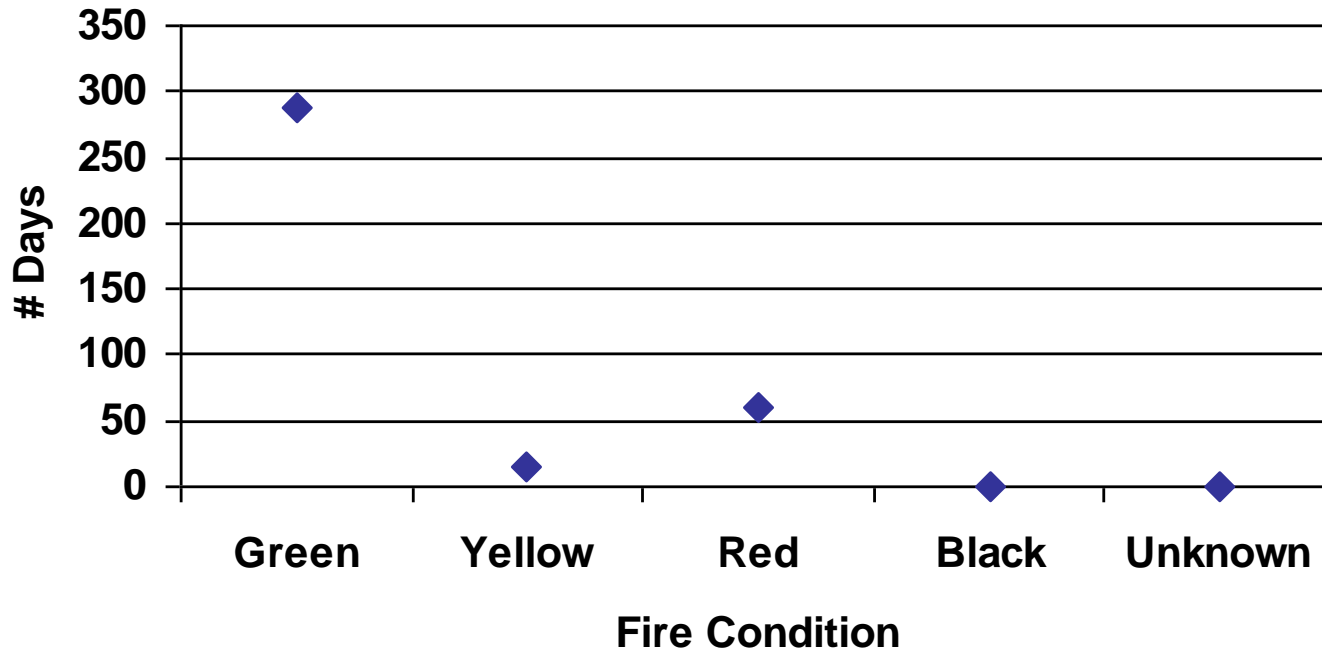
- Fire condition was red for 61 days due to low soil moisture caused by drought
- Total number of military-caused wildfires = 111
- Total acres burned by military-caused fires = 5,833



# SEMP FY23 Monitoring Results

## Objective 4-2 Quality of Life for Installation Neighbors Quarterly Results: Fire Conditions

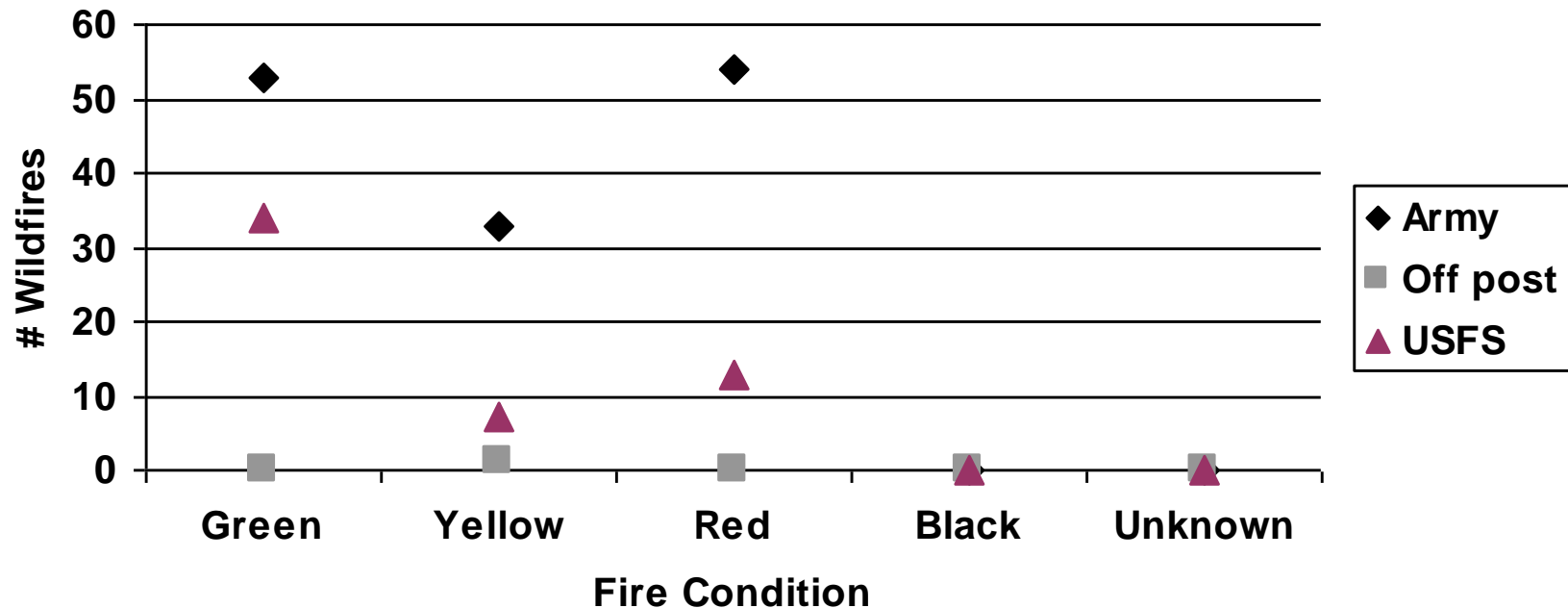
Task 4-2.6A: Fire Condition Summary – FY23



# SEMP FY23 Monitoring Results

## Objective 4-2 Quality of Life for Installation Neighbors Quarterly Results: Fire Conditions

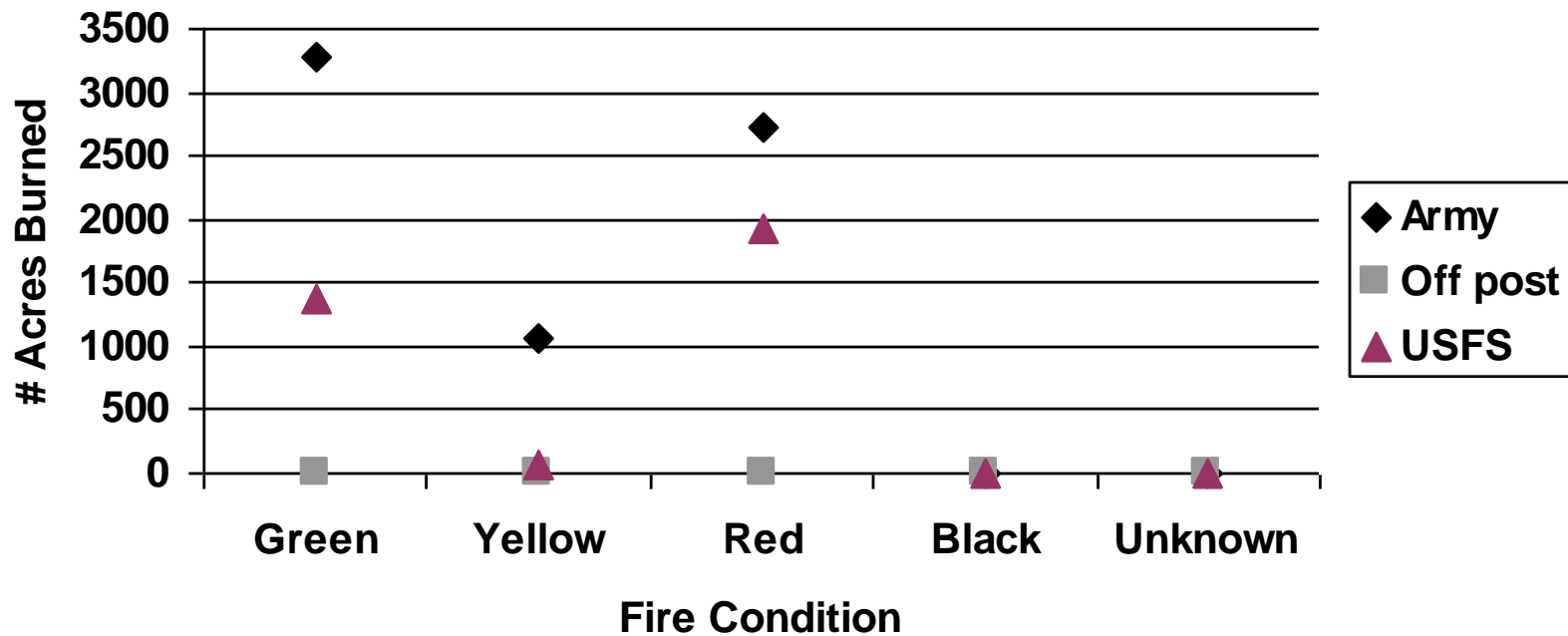
Task 4-2.6B: Number of Training-related Wildfires By Ownership and Fire Condition – FY23



# SEMP FY23 Monitoring Results

## Objective 4-2 Quality of Life for Installation Neighbors Quarterly Results: Fire Conditions

Task 4-2.6C: Acres Burned by Training-related Wildfires by Ownership and Fire Condition – FY23





# SEMP FY23 Monitoring Results

## *Objective 4-2 Quality of Life for Installation Neighbors Quarterly Results: Fire Conditions*

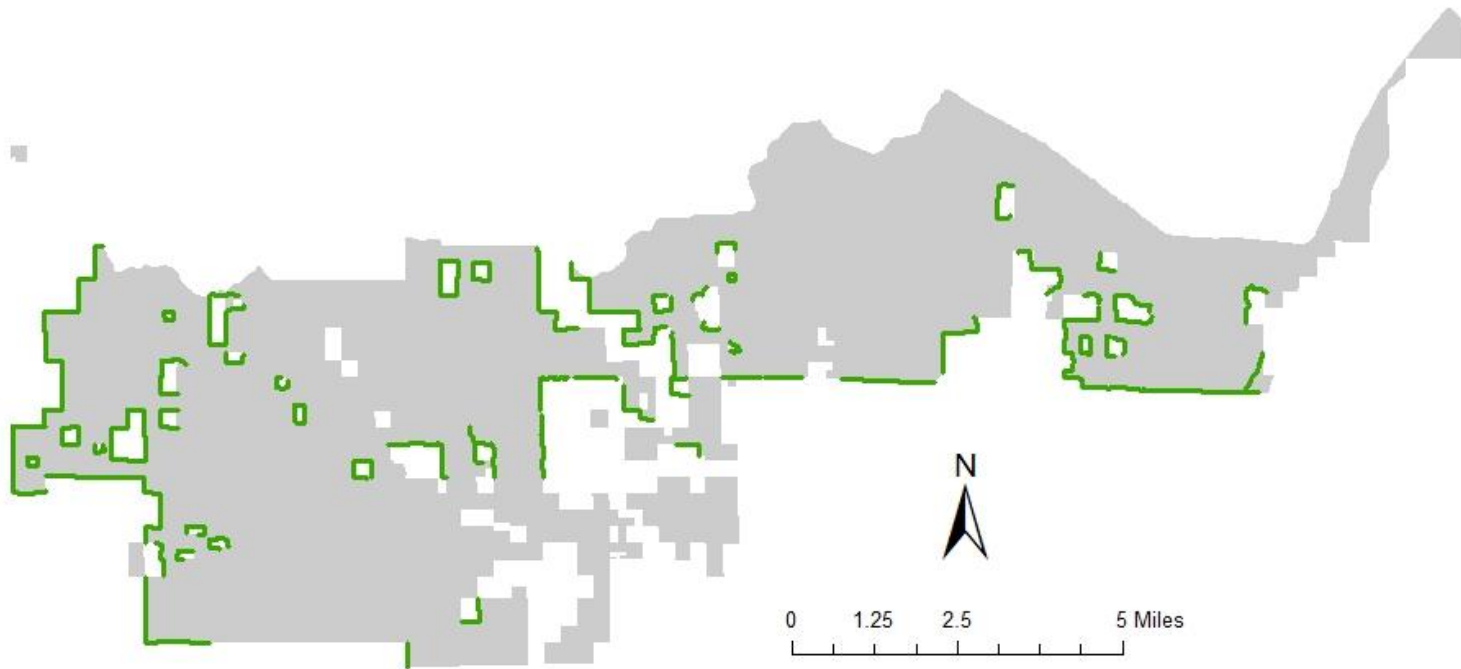
Task#	Metric	Reporting Frequency	Performance Results
			CY23
4-2.5	Percent of fire lines (miles) maintained annually.	Annual	Green: 62.4 miles (100%) of fire lines maintained in CY2023
4-2.7	Completion of annual LUA fire drill.	Annual	Green: LUA fire drill completed 27 April 2023




# SEMP FY23 Monitoring Results

## Objective 4-2 Quality of Life for Installation Neighbors Quarterly Results: Fire Conditions

### Task 4-2.5: Percent of LUA Firelines (miles) Maintained Annually – CY23 Results



### Legend

-  Limited Use Area
-  All Firebreaks Maintained 2023

# SEMP FY23 Monitoring Results

## Objective 4-2: Quality of Life for Installation Neighbors – Landline Maintenance and Trespass



# SEMP FY23 Monitoring Results

## ***Objective 4-2 Quality of Life for Installation Neighbors Quarterly Results: Landline Maintenance and Trespass***

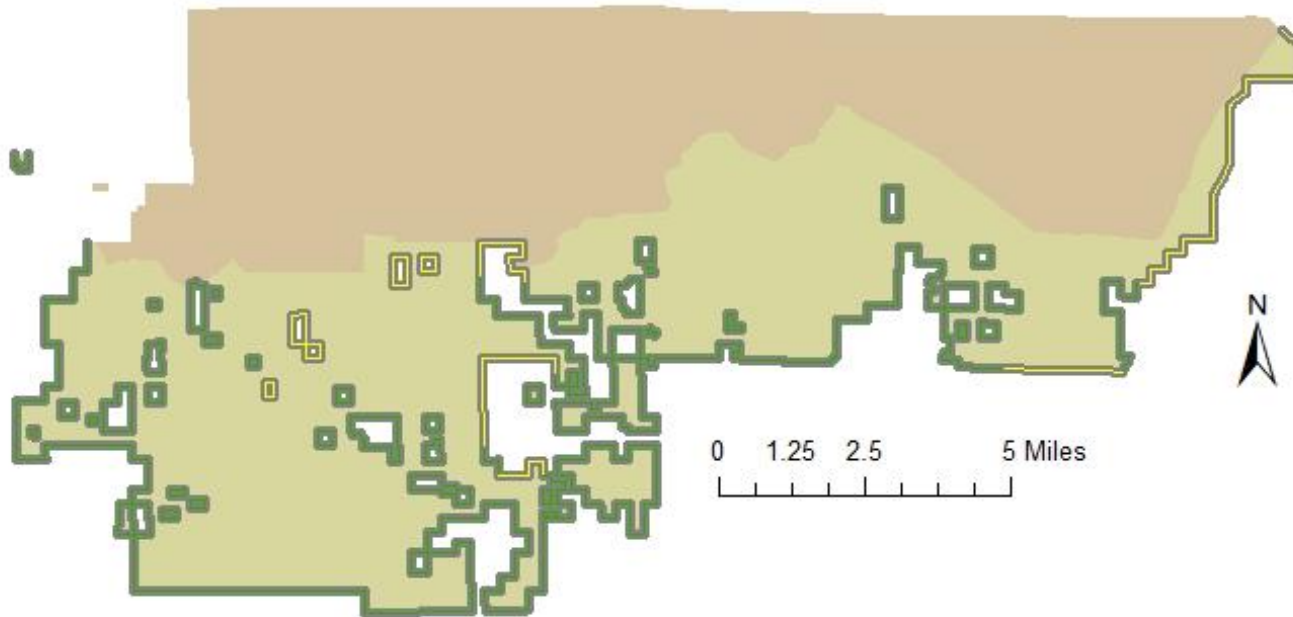
Task#	Metric	Reporting Frequency	Performance Results
			FY23
<b>4-2.3</b>	Percent of private land line miles in LUA maintained within 8 years and percent maintained within 10 years.	Annual	Amber: 84% of landlines maintained within 8 years and 100% in 10 years; 0 miles of landlines were maintained in FY22 and FY23; painted corner trees lost during 2020 hurricanes, but certified surveyors being sought to reestablish corners and boundary
<b>4-2.4</b>	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	Green: USFS, DPTMS, and PAIO - no known incidents of military trespass onto private property in the LUA or SLUA during FY23



# SEMP FY23 Monitoring Results

## *Objective 4-2 Quality of Life for Installation Neighbors Quarterly Results: Landline Maintenance and Trespass*

### Task 4-2.3: Limited Use Area Landline Maintenance within 8 and 10 Years Thru FY23



### Legend

- LUA Landlines To Be Maintained
- Last Maintained w/in 8 years (FY 2016 - 2023)
- Last Maintained w/in 9-10 years (FY 2014 - 2015)
- Last Maintained > 10 years (FY < 2014)

# SEMP FY23 Monitoring Results

## Objective 4-2 Quality of Life for Installation Neighbors Quarterly Results: Landline Maintenance and Trespass

### Task 4-2.3: Limited Use Area Landline Maintenance by Fiscal Year Thru FY23

Fiscal Year Last Maintained	Years Since Maintenance	Landline Miles Maintained	% of Landline Maintained
2014	10	12.5	9%
2015	9	9.0	7%
2016	8	13.2	10%
2017	7	15.0	11%
2018	6	0.0	0%
2019	5	47.6	35%
2020	4	0.0	0%
2021	3	38.3	28%
2022	2	0.0	0%
2023	1	0.0	0%
<b>Maintained within 8 years</b>		123.1	84%
<b>Maintained within 10 years</b>		135.6	100%
<b>Total</b>		135.6	100%



# SEMP FY23 Monitoring Results

## Objective 4-2: Quality of Life for Installation Neighbors – Limited Use Area (LUA) Road Conditions



# SEMP FY23 Monitoring Results

## *Objective 4-2 Quality of Life for Installation Neighbors Quarterly Results: LUA Road Conditions*

Task#	Metric	Reporting Frequency	Performance Results
			FY23
<b>4-2.9</b>	Percent of corrective actions for validated maneuver damages to maintained roads (including Forest Service Roads) in the LUA that are completed within 30 days from the date of identification. Validated damages are those validated as caused by military activities.	Annual	Green: 7 of 7 (100%) corrective actions to LUA roads were repaired within 30 days of identification in FY23
<b>4-2.10</b>	Frequency of validated maneuver damages to public roads in the LUA, including Forest Service roads. Validated damages are those validated as caused by military activities.	Annual	N = 7 maneuver damage to LUA roads in FY23





# SEMP FY23 Monitoring Results

## Objective 4-2: Quality of Life for Installation Neighbors – Public Complaints



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# SEMP FY23 Monitoring Results

## *Objective 4-2 Quality of Life for Installation Neighbors Quarterly Results: Public Complaints*

Task#	Metric	Reporting Frequency	Performance Results
			FY23
<b>4-2.11</b>	Annual ratio of the total number of public complaints regarding training activities in the LUA and SLUA and the total number for which a response was provided within 24 hours of receipt or the following business day. (Military origin of complaints must be validated.)	Annual	Green: Zero complaints received regarding training activities in the LUA and SLUA in FY23
<b>4-2.12</b>	Frequency of public complaints (total number/year) resulting from military activities in the LUA and SLUA. (Military origin of complaints must be validated.)	Annual	Green: No public complaints resulting from military activities in the LUA or SLUA



# SEMP FY23 Monitoring Results

## Objective 4-3: Limited Use Area Safety and Land Use Compatibility



# SEMP FY23 Monitoring Results

## Objective 4-3 Limited Use Area Safety and Land Use Compatibility Annual Results

Task#	Metric	Reporting Frequency	Performance Results
			FY23
4-3.1	Number of incidents involving military vehicles and school buses/bus passengers in the LUA.	Annual	Green: No incidents
4-3.2	Number of incidents involving military vehicles conducting blackout driving and civilians or civilian property in the LUA.	Annual	Green: No incidents
4-3.3A	Annual review of pipelines and electrical transmission lines within the LUA, and update of Military Installation Maps (MIMs) as needed.	Annual	Green: Review conducted; no update needed
4-3.3B	Number of incidents involving military vehicles or other military activities and pipelines/utility lines or oil and gas operations in the LUA.	Annual	Green: No incidents
4-3.4A	A documented JRTC-Fort Johnson procedure (e.g., Range and Training Land SOP, JRTC EXROE) and/or Soldier training program (e.g., Sustainable Range Awareness Training or special information when signing for TAs where active grazing allotments are located) for HSU and RTU regarding active cattle grazing allotments in the LUA, and associated restrictions.	Annually	Green: Grazing allotments are covered in RSO/OIC briefings and restrictions described in Range SOP (Last Updated 20 JUL 23), Page 24, Paragraphs 6-24
4-3.4B	Number of incidents involving military activities and active grazing allotments in the LUA.	Annual	Green: No incidents
4-3.5	Annual number of civilian complaints/acre-days utilized in the LUA.	Annual	N/A - 0 / 771.1K acre-days used



# SEMP FY23 Monitoring Results

## Objectives 5-1 and 5-2: Continual Improvement



# SEMP FY23 Monitoring Results

## Objectives 5-1 and 5-2: Continual Improvement Annual Results

Task#	Metric	Reporting Frequency	Performance Results
			FY23
5-1.1	Publication of annual SEMP report.	Annual	Green: 2022 Annual Report published March 2023
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 8 tasks in FY23, and none were selected for RCA by the Oversight Committee)
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	Green (106 of an estimated 106 required measures are approved by Oversight Committee = 100% complete)
5-2.3	Percent of approved SEMP monitoring tasks for which results were reported on schedule.	Annual	<b>Red (Results for Tasks 1-2.6 thru 1-2.8 due for reporting in November 2020 still not reported as of November 2023; Standard Operating Procedure under development to estimate metrics)</b>
5-2.4	SEMP Oversight Committee reviews conducted at least once per quarter.	Annual	Green (4 quarterly meetings held in FY23)



# SEMP FY23 Monitoring Results

## Objectives 5-1 and 5-2: Continual Improvement Annual Results

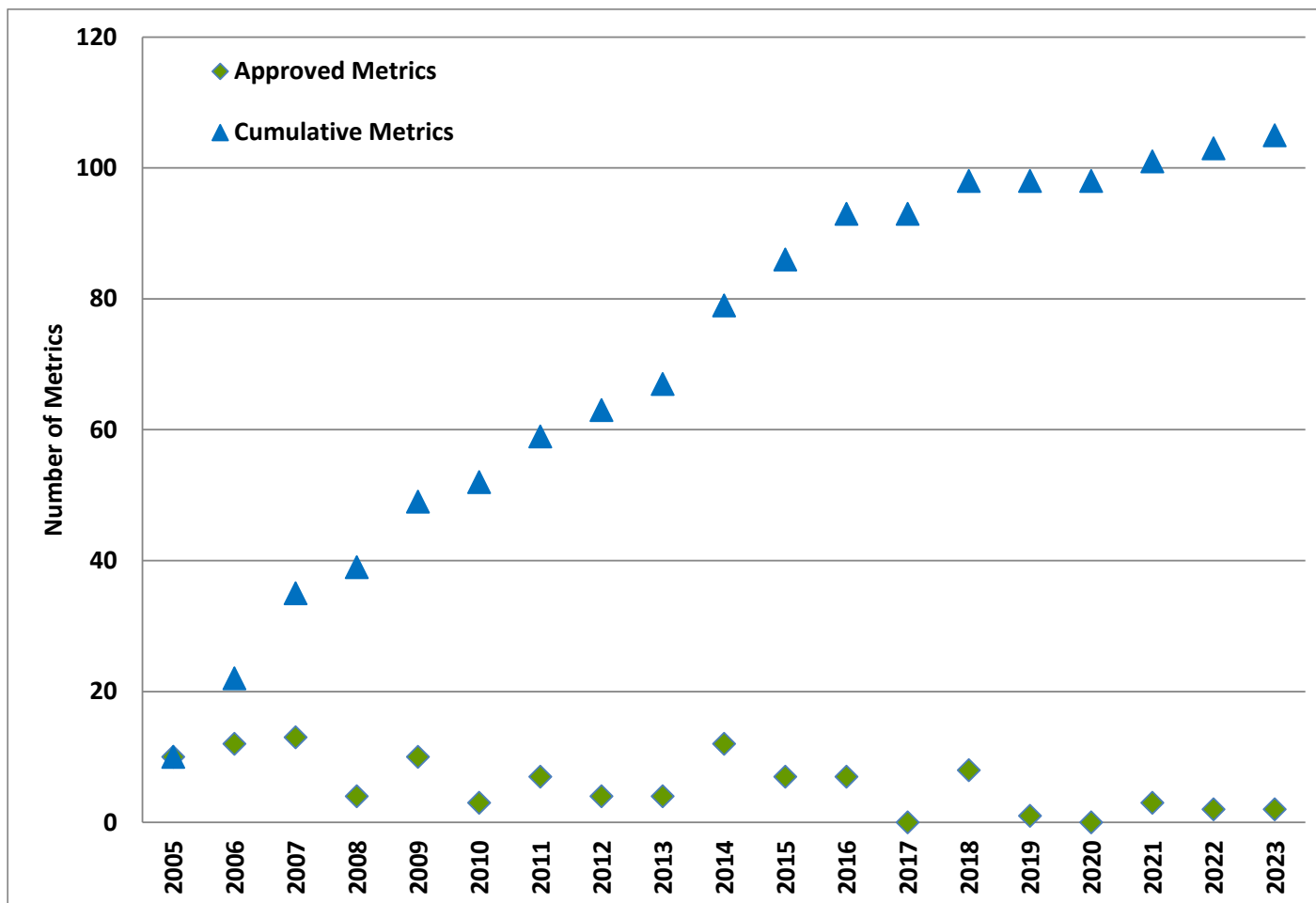
### Task 5-2.2: Development and Approval of SEMP Metrics and Targets – FY23 Results

Objective	Estimated No. Required Metrics	Metrics Approved by OC	Metrics Proposed for Approval	Total Metrics Approved/Proposed	% of Metrics Approved
1-1	9	9	0	9	100%
1-2	8	8	0	8	100%
1-3	12	12	0	12	100%
2-1	5	5	0	5	100%
2-2	4	4	0	4	100%
2-3	16	16	0	16	100%
2-4	4	4	0	4	100%
3-1	3	3	0	3	100%
3-2	10	10	0	10	100%
4-1	9	9	0	9	100%
4-2	14	14	0	14	100%
4-3	7	7	0	7	100%
5-1	1	1	0	1	100%
5-2	4	4	0	4	100%
<b>Sum</b>	<b>106</b>	<b>106</b>	<b>0</b>	<b>106</b>	<b>100%</b>

# SEMP FY23 Monitoring Results

## *Objectives 5-1 and 5-2: Continual Improvement Annual Results*

### Task 5-2.2: Development and Approval of SEMP Metrics and Targets – FY23 Results



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# SEMP FY23 Monitoring Results

## Recommended Root Cause Analyses



# SEMP FY23 Monitoring Results

## *Recommended Root Cause Analyses of Red FY23 Quarterly and Annual Monitoring Results – Fort Johnson/KNF Staff and Oversight Committee*

Task #	Metrics with “Red” Results – FY23 Quarterly and Annual Results	RCA Recommended?	
		Staff	Cmte.*
1-2.6	Ratio of estimated current to undisturbed soil loss rate (tons/acre/year) across Fort Johnson training lands (Main Post/Vernon Unit, Fort Johnson North)	No	No
1-2.7	Multi-year change in total acres of bare or sparsely vegetated areas	No	No
1-2.8	Multi-year change in estimated soil loss rate (tons/acre/year) across Fort Johnson training lands (Main Post/Vernon Unit, Fort Johnson North)	No	No
2-2.1	Percent of potential RCW habitat acres (pine and pine-hardwood stands) for Fort Johnson, Fort Johnson-North, IUA and LUA that have been cruised for stand inventory within the 10-year entry cycle	No	No
2-2.2A	Percent of pine and pine-hardwood forest acres that have received prescribed fire treatment within the 3-year target burning cycle	No	No
2-3.2A	Percent of LPS HMU that has received prescribed fire in $\leq 3$ years and $\leq 5$ years	No	No
4-2.2	Number of validated noise complaints	No	No
5-2.3	Percent of approved SEMP monitoring tasks for which results were reported on schedule	No	No

# SEMP FY23 Summary Reports



# SEMP FY23 Summary Reports

## *SEMP Objectives and FY23 Implementation Status*

Objective Name	Status & Year Implemented
<b>Objective 1-1:</b> Maneuver Damage Control Program.	2006
<b>Objective 1-2:</b> Land Rehabilitation and Maintenance.	2007
<b>Objective 1-3:</b> Stream and Wetland Crossing and Sediment Basin Maintenance.	2016
<b>Objective 2-1:</b> Red-Cockaded Woodpecker (RCW) Population Recovery.	2006
<b>Objective 2-2:</b> Longleaf Pine Forest Management.	2007
<b>Objective 2-3:</b> Louisiana Pine Snake Conservation.	2015
<b>Objective 2-4:</b> Bog Management.	2012
<b>Objective 3-1:</b> Integration of Master Planning, Engineering and Environmental Concerns (Sustainable Facility Site Selection and Development, Energy and Water Conservation).	2009
<b>Objective 3-2:</b> Environmental Compliance for Fort Johnson Construction Projects on KNF Lands.	2020
<b>Objective 4-1:</b> Hunting and Other Recreational Opportunities.	2007
<b>Objective 4-2:</b> Quality of Life for Installation Neighbors – Noise, Wildfires and Road Conditions.	2011
<b>Objective 4-3:</b> Public Safety and Land Use Conflicts in the LUA and SLUA.	2016
<b>Objective 5-1:</b> Continuous Improvement (Joint Mitigation and Monitoring).	2009
<b>Objective 5-2:</b> Continuous Improvement (Adaptive Management).	2009

# SEMP FY23 Summary Reports

## SEMP FY23 Objective Averages for Quarterly and Annual Results

Objective Name	Average Performance Within Objective
<b>Objective 1-1:</b> Maneuver Damage Control Program.	Green (1.00)
<b>Objective 1-2:</b> Land Rehabilitation and Maintenance.	Amber (0.63)
<b>Objective 1-3:</b> Water Resource Protection / Stream Crossing and Sediment Basin Maintenance	Green (1.00)
<b>Objective 2-1:</b> Red-Cockaded Woodpecker (RCW) Population Recovery.	Green (1.00)
<b>Objective 2-2:</b> Longleaf Pine Forest Management.	Amber (0.50)
<b>Objective 2-3:</b> Louisiana Pine Snake Conservation..	Green (0.79)
<b>Objective 2-4:</b> Bog Management.	Green (1.00)
<b>Objective 3-1:</b> Integration of Master Planning, Engineering and Environmental Concerns (Sustainable Facility Site Selection and Development, Energy and Water Conservation)	Green (1.00)
<b>Objective 3-2:</b> Environmental Compliance for Fort Johnson Construction Projects on KNF Lands	N/A
<b>Objective 4-1:</b> Hunting and Other Recreational Opportunities	Green (0.92)
<b>Objective 4-2:</b> Quality of Life for Installation Neighbors – Noise, Wildfires and Road Conditions	Green (0.87)
<b>Objective 4-3:</b> Limited Use Area Safety and Land Use Compatibility	Green (1.00)
<b>Objective 5-1:</b> Continuous Improvement (Joint Mitigation and Monitoring)	Green (1.00)
<b>Objective 5-2:</b> Continuous Improvement (Adaptive Management)	Green (0.75)

**Green:** The average performance within an objective is  $\geq 0.75$ .

**Amber:** The average performance within an objective is  $\geq 50\%$  and  $< 0.75$ .

**Red:** The average performance within an objective is  $< 0.5$ .

# SEMP FY23 Summary Reports

## % Metrics with Green, Amber and Red Quarterly and Annual Results

Objective Name	Percent of Metrics*		
	% Green	% Amber	% Red
<b>Objective 1-1:</b> Maneuver Damage Control Program	100%	0%	0%
<b>Objective 1-2:</b> Land Rehabilitation and Maintenance.	63%	0%	37%
<b>Objective 1-3:</b> Water Resource Protection / Stream Crossing and Sediment Basin Maintenance	100%	0%	0%
<b>Objective 2-1:</b> Red-Cockaded Woodpecker (RCW) Population Recovery	100%	0%	0%
<b>Objective 2-2:</b> Longleaf Pine Forest Management	50%	0%	50%
<b>Objective 2-3:</b> Louisiana Pine Snake Conservation	72%	14%	14%
<b>Objective 2-4:</b> Bog Management	100%	0%	0%
<b>Objective 3-1:</b> Integration of Master Planning, Engineering and Environmental Concerns (Sustainable Facility Site Selection and Development, Energy and Water Conservation)	100%	0%	0%
<b>Objective 3-2:</b> Environmental Compliance for Fort Johnson Construction Projects on KNF Lands	N/A	N/A	N/A
<b>Objective 4-1:</b> Hunting and Other Recreational Opportunities	83%	17%	0%
<b>Objective 4-2:</b> Quality of Life for Installation Neighbors – Noise, Wildfires and Road Conditions	84%	5%	11%
<b>Objective 4-3:</b> Limited Use Area Safety and Land Use Compatibility	100%	0%	0%
<b>Objective 5-1:</b> Continuous Improvement (Joint Mitigation and Monitoring)	100%	0%	0%
<b>Objective 5-2:</b> Continuous Improvement (Adaptive Management)	75%	0%	25%
<b>SEMP FY23 Total</b>	87%	4%	9%

\* Includes only those metrics with Green/Amber/Red performance criteria; metrics with “data only” observations not included in totals. Totals may differ from 100% due to rounding.

# SEMP FY23 Summary Reports

## *FY23 Overall Performance Evaluation*

- ✓ In FY23, Amber or Red monitoring results were reported in at least one quarter (for those metrics reported quarterly) for 12 of 77 tasks with performance targets (16%)
- ✓ Factors causing Amber and Red results include:
  - Changes or modifications in methodology or data development procedures;
  - Changes in philosophy with respect to timber cruising;
  - Lingering hurricane debris impacts on prescribed burning; and
  - Loss of landline corners due to loss or destruction of corner markers
- ✓ SEMP monitoring and evaluation continues to support the Installation mission and compliance with the Special Use Permit/Operating Plan, which authorizes military training use of portions of the KNF
- ✓ All anticipated metrics developed and approved by the SEMP Oversight Committee as of February 2023

# SEMP Priorities / Next Steps





# SEMP Priorities / Next Steps

- ✓ Development of Standard Operating Procedures for the development of installation-wide soil loss estimates as required under Objective 1-2
- ✓ Complete review of existing monitoring questions and metrics as part of the SUP/OP renewal process
- ✓ SEMP document repository updates

