



United States
Department of
Agriculture

Forest Service

2011 Monitoring Work Plan

February 2011

Eastern
Region



Caring for the Land and Serving People

Annual Monitoring Work Plan and 5 Year Summary Instruction

Introduction

The Forest Plan requires that a monitoring plan be prepared annually. The Fiscal Year (FY) 2011 monitoring plan was developed with an interdisciplinary review of the monitoring questions and guidance in Chapter 4 (Forest Plan) and the monitoring requirements outlined in the Conservation Plan (CP) (Forest Plan, Appendix D). The review included an analysis of monitoring capability based on FY 2011 budget levels. After review by the Forest leadership team, the Forest Supervisor approved implementation of this FY 2011 monitoring Work Plan. The 2011 Work Plan includes a 5 year summary that will review key issues and summarize information related to annual monitoring questions.

The items to be monitored in FY 2011 are identified in this document, along with employee/position responsible for reporting the results in the FY 2011 monitoring and evaluation summary report.

Monitoring Questions

The following items are to be monitored in FY 2011. The highlighted letters **(CP)** in indicate the question also applies to monitoring requirements found in the Conservation Plan (Forest Plan, Appendix D). Reference to the monitoring implementation guide is provided for each question; the implementation guide identifies the purpose of the monitoring question and the methods for obtaining the information needed.

No.	Monitoring Question	Monitoring Guide Page Reference	Responsible Person
1	2.1a How many miles of stream have been treated to restore dimension, pattern, and profile? (CP)	8	Pamela Stachler Forest Hydrologist
2	2.1b How many acid mine discharges have been treated? (CP)	11	Pamela Stachler Forest Hydrologist
3	2.1b How many subsidence features have been treated? (CP)	12	Pamela Stachler Forest Hydrologist
4	2.1b What geo chemistry parameters have changed by reducing and/or treating acid mine discharges?	10	Pamela Stachler Forest Hydrologist
4.1	2.1b How many miles of stream have free-flowing water where surface flow was restricted?	13	Pamela Stachler Forest Hydrologist
5	3.1a How many acres of wetland habitat was restored or enhanced? (CP)	14	Steve Blatt Forest Biologist
6	3.1b How many miles of stream were treated to improve or restore habitat for aquatic and riparian-dependant species? (CP)	15	Steve Blatt Forest Biologist

No.	Monitoring Question	Monitoring Guide Page Reference	Responsible Person
6.1	3.1b (#2) How many permanent long-term aquatic ecological unit monitoring sites were established?	16	Steve Blatt Forest Biologist
6.2	3.1c (#2) How many crossings were improved?	19	Steve Blatt Forest Biologist
7*	4.1a Are population trends and habitat trends of management indicators consistent with Forest Plan expectations?	22	Steve Blatt Forest Biologist
8	4.1b How many acres were treated to encourage oak regeneration? (CP)	23	Steve Alarid Timber Program Manger
9	4.1c How many acres of hardwood or hardwood/pine forest communities were treated to encourage the establishment of all-aged conditions? (CP)	24	Steve Alarid Timber Program Manger
10	4.1d How many acres of early successional forest habitat were created? (CP)	25	Steve Alarid Timber Program Manger
11	4.1e How many acres of pine or pine-hardwood communities were treated? (CP)	26	Steve Alarid Timber Program Manger
12	4.1f How many acres of grassland habitat were improved or maintained?	27	Steve Blatt Forest Biologist
13	4.1g How many acres of herbaceous or herbaceous-shrub habitat were created? (CP)	28	Steve Blatt Forest Biologist
14	4.1g-2 How many acres of herbaceous or herbaceous-shrub habitat were maintained? (CP)	28	Steve Blatt Forest Biologist
15	4.1h How many waterholes or ephemeral wetlands were constructed or enhanced? (CP)	29	Steve Blatt Forest Biologist
16	4.1i How many artificial nesting structures were installed? (CP)	30	Steve Blatt Forest Biologist
17	5.1.1a-1 How many acres of potentially suitable Indiana bat habitat were protected or improved? (CP)	31	Steve Blatt Forest Biologist
18	5.1.1a-2 How many bat-friendly gates were installed on known Indiana bat hibernacula? (CP)	31	Steve Blatt Forest Biologist
19	5.1.2a-1 How many mid-winter bald eagle searches were conducted? (CP)	32	Steve Blatt Forest Biologist
20	5.1.2a-2 How many bald eagles were observed? (CP)	32	Steve Blatt Forest Biologist
21	5.1.3 What cooperative efforts were accomplished to achieve the reintroduction of the American burying beetle? (CP)	33	Steve Blatt Forest Biologist

No.	Monitoring Question	Monitoring Guide Page Reference	Responsible Person
22	5.1.4 Were there any changes to known running buffalo clover populations and were any potential risks identified and mitigated? (CP)	34	Steve Blatt Forest Biologist
23	6.1a How many acres are being treated with varying management actions that will likely result in the maintenance and restoration of the oak-hickory ecosystem? (CP)	35	Steve Alarid Timber Program Manger
24	6.1b How many acres are being treated through commercial timber sale operations and/or stewardship contracts that will likely meet objectives of improving wildlife habitat?	36	Steve Alarid Timber Program Manger
25	6.2a How many acres are being treated with prescribed fire that will likely conserve fire-adapted plant and animal biodiversity, and to maintain and restore mixed oak and native pine?	37	Steve Alarid Timber Program Manger
26	6.3 How many permits are issued and what are the reported harvests in each year?	40	Cheryl Coon Forest Botanist
27	7.1a How many acres of the Forest are inventoried for NNIS insects and diseases and when was it inventoried?	42	Steve Alarid Timber Program Manger
28	7.1b How many NNIS sites were treated and how did the populations respond to treatment? (CP)	44	Steve Alarid Timber Program Manger
29	7.1c How many acres of hazardous fuels were treated? (CP)	45	Jonathan Olsen Acting Fire Management Officer
30	7.2a-1 How many acres of the Forest are inventoried for NNIS plants and when were these inventoried?	46	Cheryl Coon Forest Botanist
32	7.2b How many NNIS sites were treated and how did the NNIS populations respond to treatment? (CP)	48	Cheryl Coon Forest Botanist
33	7.3 How many NNIS awareness and education events were given?	49	Cheryl Coon Forest Botanist
34	7.4 How many acres of native vegetation (e.g., American Chestnut, American Elm), have become re-established?	50	Steve Alarid Timber Program Manger
35	8.1 Number of wildfires suppressed with no reportable accidents/injuries or damage to private property? Number of acres of private property burned from fires with ignition on Forest Service land?	51	Jonathan Olsen Acting Fire Management Officer
36	8.1c Number of acres in WUI treated for hazardous fuels reduction? Number of prescribed burns conducted in cooperation with local, State or other Federal agencies? (CP)	52	Jonathan Olsen Acting Fire Management Officer

No.	Monitoring Question	Monitoring Guide Page Reference	Responsible Person
37	8.1e How many local volunteer fire departments were trained in wildland fire suppression?	53	Jonathan Olsen Acting Fire Management Officer
38	10.1a Are expressions of interest and lease offers processed in a timely manner? <i>(taken from errata sheet for Chap 4)</i>	54	Rich Jones Minerals Program Manager
39	10.1b How many plans of operation/applications for permit to drill on Federal leases were processed in a timely manner?	55	Rich Jones Minerals Program Manager
40	10.2a How many applications were processed within 60 days?	56	Rich Jones Minerals Program Manager
41	10.2b How many mineral activities were adequately restored upon completion? (CP)	57	Rich Jones Minerals Program Manager
42	10.2c How many wells were plugged according to State regulations when production ceases? (CP)	58	Rich Jones Minerals Program Manager
43	11.2b How many miles of NCT have been relocated/ reconstructed off existing roads?	62	Chad Wilberger Recreation Program Manager
44	11.2c How many miles of motorized trails have been maintained to standard (annual routine and deferred maintenance)?	63	Chad Wilberger Recreation Program Manager
45	11.2d How many miles of motorized trails have been closed and rehabilitate and/or relocated/reconstructed due to unsafe conditions or unacceptable resource damage sections from OHV use?	64	Chad Wilberger Recreation Program Manager
46	11.2e Have sections of illegal trails on the Forest been closed and rehabilitated? If so, how many miles and where?	65	Chad Wilberger Recreation Program Manager
47	11.2f How many miles of non-motorized trails have been maintained/reconstructed to standard?	66	Chad Wilberger Recreation Program Manager
48	11.2g How many miles of new motorized and non-motorized trails have been constructed? (CP)	67	Chad Wilberger Recreation Program Manager
49	12.1 Is the Forest being managed in accordance with the assigned SIOs and scenery guidelines found in the Forest Plan?	68	Chad Wilberger Recreation Program Manager
50	13.1c How many heritage sites have been evaluated for National Register eligibility?	69	Ann Cramer Forest Archeologist
51	13.1d How many management plans have been developed for heritage sites that are either eligible for or listed on the National Register of Historic Places?	70	Ann Cramer Forest Archeologist

No.	Monitoring Question	Monitoring Guide Page Reference	Responsible Person
52	14.1a Does the Forest's land-base progress toward consolidation that meets objectives by exchange, purchase or donation? (CP)	71	Richard Jones Lands Program Manager
53	14.1b How many miles of right-of-way, or parcels of land, have been acquired to facilitate access to NF tracts?	72	Richard Jones Lands Program Manager
54	14.1c How many Special Use permits were authorized and re-authorized to allow local community developments on NFS lands?	73	Richard Jones Lands Program Manager
55	14.1c-2 How many acres of prime farmland or acres of land with high potential for community development have been purchased?	74	Richard Jones Lands Program Manager
56	14.2a Is the Forest making progress towards the eventual marking and maintaining of the entire perimeter of NFS lands against private property?	75	Richard Jones Lands Program Manager
57	14.2b Is the Forest making progress toward resolving trespasses as they occur and are discovered?	76	Richard Jones Lands Program Manager
58	15.1 Is the Forest considering and processing reasonable requests for special use authorizations on NFS lands?	77	Richard Jones Lands Program Manager
59	16.1-1 How many parcels of land were acquired in the current year that were being grazed by livestock within approximately one year prior to acquisition by the Forest Service? If there are any parcels, how many? And are they still being grazing, or being offered for grazing? (CP)	78	Steve Blatt Forest Biologist
60	16.1-2 How many acres were grazed and contributed to wildlife habitat objectives; and how many acres were grazed to control non-native species? (CP)	80	Steve Blatt Forest Biologist
61	17.1a,b How many administrative and recreation facilities meet current safety, mission, niche, and use requirements?	81	Steve Marchi Forest Engineer
62	17.2 a-c How many Forest dams meet current State and Federal regulations with respect to storage capacity, storm routing, spillway capacity, and general dam safety?	82	Steve Marchi Forest Engineer
63	17.3a How many stream crossings were inventoried and/or corrected for sedimentation production? (CP)	83	Steve Marchi Forest Engineer
64	17.3b How many miles of roads were evaluated to determine maintenance, storage, or decommission needs?	84	Steve Marchi Forest Engineer
65	17.4c-f How many miles of road are maintained to the level of service required, and how often is needed maintenance performed and are the roads environmentally stable?	85	Steve Marchi Forest Engineer

No.	Monitoring Question	Monitoring Guide Page Reference	Responsible Person
66	17.4g Are known hazard trees removed during the appropriate time of year?	86	Steve Marchi Forest Engineer
67	18.1a How many prevention activities were performed by the LEOs.	87	Bob Schneider Supervisory Law Enforcement Officer
68	18.1b How many incidence of illegal OHV use, arson fires, trespass and timber theft, and trash dumping were reported?	88	Bob Schneider Supervisory Law Enforcement Officer
69	18.1c How many agencies does the Forest have cooperative agreements with?	89	Bob Schneider Supervisory Law Enforcement Officer
70	18.1d How many violations were reported?	90	Bob Schneider Supervisory Law Enforcement Officer
71	18.2a Were the appropriate water quality tests performed?	91	Steve Marchi Forest Engineer
72	Standards and Guidelines Compliance (No specific enumerated Forest-wide Goal) Did any project require guideline modification or a Forest Plan amendment to modify a standard? If so, (a) What was the project? (b) Which standard or guideline was changed? (c) What was the rationale for the change?	Not Applicable	Aaron Burk Forest Planner

*Data will be collected for this monitoring item, however additional years of data will be needed to draw conclusions for the monitoring question.