APPENDIX 1. Implementation schedule for turkey management plan for Pennsylvania, 2006-2015

(Progress listed at bottom of each page.)

Objective and Strategies	By End of Fiscal Year (e.g., FY 2006 = July 06 – June 07)											
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015		
Population Objective												
Strategy:												
1.1 Provide spring and fall hunting opportunities while												
maintaining or enhancing populations at or below social	•	•	•	•	•	•	•	•	•	•		
carrying capacity										1		
1.2 Use fall season lengths as primary means for managing												
populations	•	•	•	•	•	•	•	•	•	•		
1.3 Assess turkey population status and trends	•	•	•	•	•	•	•	•	•	•		
1.4 Collect age and sex information of harvested turkeys for				_		_		_	_			
spring and fall seasons		•	•	•	•	•	•	•	•	•		
1.5 Implement spring gobbler hunter survey			•	•	•	Compl	•	•	•	•		
1.6 Evaluate the new mid-Atlantic turkey population model												
for application in Pennsylvania, and implement in 2008		•	•	•	•	_		_				
1.7 If necessary, develop and implement research to collect			_	•	•	•		•				
data to validate the new population model			•		_	_	_	_				
1.8 Conduct the 4-year multi-state gobbler harvest and				•	Compl							
annual survival rate study					Compi							
1.9 Conduct a hen harvest and annual survival rate study.			•	•	•	•	•	•	•			
1.10 Determine if each WMU provides enough data for					•	•	Compl					
reliably analyzing trends in populations							Compi					
1.11 Determine if the two-bird spring bag limit has any effect										ĺ		
on the turkey age structure and, if needed, recommend			•	Compl						1		
regulation changes												
1.12 Develop standard solutions to nuisance turkey		•		•	•	low	low					
complaints		_		_	_	priority	priority			 		
1.13 Quantify turkey complaints by season, type and location		•	•	•	•	low priority	low priority	•	•	•		
1.14 Train personnel in identifying agricultural damage						low	low					
caused by turkeys	•	•		•	•	priority	priority			İ		
1.15 Define wild turkey social carrying capacity by WMU							•	•		•		
1.16 Develop a habitat suitability model as a tool in harvest												
and habitat management									•			

Progress from July 2012 – June 2013:

Delete for years specified. • Add for years specified.

1.1, 1.2- Completed for FY2012; ongoing. - On Schedule.

- 1.3 Completed for FY2012; on-going. Began development of PA specific wild turkey population model.
- 1.4 Completed for FY2012; ongoing. Compare reported age/sex data with Game-Take Survey data to determine accuracy of GT data no progress, behind schedule.
- 1.5 Completed, June 2012; ongoing annually. Web-based survey with option to mail back. 2013 includes mentor youth; survey instructions mailed to 9,876 adult hunters, 1,168 mentored youth.
- 1.6 In progress. Behind Schedule. Cooperative project with biometrician & PCFWRU determined that a simpler model specific for PA will be more robust and applicable. Model development initiated.
- 1.7 In progress. On Schedule. Since 2008, collecting data on turkey reproduction (recruitment). Gobbler harvest/survival rates calculated (2006-2009). Female fall harvest rates being collected (2010 2014).
- 1.8 Completed 2011.
- 1.9 In progress On Schedule. Co-op study with PCFWRU. Federal & NWTF funding received. 3.5 of 5 years completed; 1,509 female turkeys leg banded, 230 of which also equipped with satellite transmitters. 1.10 Completed. YES
- 1.11 Completed. No effect; no regulation changes needed.
- 1.12 Postponed. Behind schedule. Low priority. Three-year pilot study conducted 2008-2010 in Pittsburgh area, completed 2011. Draft SOP must be revised using study results.
- 1.13 Postponed indefinitely, unless issue becomes higher priority. Was not able to incorporate into PGC standard bear complaint system. Low priority, beyond time commitment.
- 1.14 Postponed indefinitely. Low priority. Cooperative project with NWTF- B.Eriksen,

Objective and Strategies	By End of Fiscal Year (e.g., FY 2006 = July 06 – June 07)											
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015		
Habitat Objective												
Strategy:								_	1			
2.1 Determine turkey habitat management priorities for				_	_	_		_	_			
State Game Lands while considering habitat on adjacent properties	•	•	•	•	•	•	•	•	•	•		
2.2 Quantify habitat management practices that benefit turkeys on State Game Lands			•	•	•	•	•	•	•	•		
2.3 Evaluate efficacy of habitat management practices on State Game Lands, and recommend adjustments	•	•	•	•	•	•	•	•	•	•		
2.4 Develop at least two demonstration areas per Region to promote habitat management to other public agencies and private landowners	•	•	•	•								
2.5 Conduct at least one workshop or field trip per Region at a demonstration area				•	•	•	•	•	•	•		
2.6 Develop and/or continue partnerships for habitat funding	•	•	•	•	•	•	•	•	•	•		
2.7 Provide technical information and assistance regarding turkey habitat management to other public land managers and private landowners	•	•	•	•	•	•	•	•	•	•		
2.8 Promote use of prescribed fire	•	•	•	•	•	•	•	•	•	•		

Progress from July 2012 – June 2013

Delete for years specified.
 Add for years specified.

- 2.1 Ongoing. 158 SGL habitat plans drafted.
- 2.2 Ongoing. P-R funds used to improve >3,000 ac. of early successional habitat, 6,041 ac timber sales (commercial & noncommercial), 303,084 trees planted, 23,306 ac habitat improvement by Food & Cover crews.
- 2.3 In progress. 9 draft chapters completed of the "Habitat Management Manual".
- 2.4 Behind schedule. 96 SGL plans have identified wild turkey as a management priority.
- 2.5 To begin once Strategy 2.4 is underway.
- 2.6 Ongoing. CY2013: PANWTF funded 75 habitat projects across PA = \$130,209, including 51 projects (\$87,761) on SGLs.

CY2012: 77 PANWTF funded projects = \$144,913, including 54 projects (\$104,211) on SGLs. Of this, \$10,276 - \$18,000 as match for Pittman-Robertson funds. Private Lands Section continued to work with NRCS, IUP, ABC, WMI, NWTF and ACJV to develop and implement the WLFW program, planning 89 projects of \$2.2 million worth of habitat on > 4,100 ac of private lands. In conjunction with FSA, we continued to implement VPA-HIP habitat projects to improve turkey nesting/brood rearing habitat, including > 1,900 ac on hunter access cooperator lands.

- 2.7 Ongoing. 10 technical presentations (275 individuals reached) on habitat management to woodland owner groups, DCNR, NRCS, and land trusts.
- 2.8 Ongoing. Acres burned: As of June 15, 2012: 1,500 acres on SGLs and cooperator lands. Personnel trained: 250.

Objective and Strategies	By End of Fiscal Year (e.g., FY 2006 = July 06 – June 07)											
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015		
Information & Education Objective												
Strategy:												
3.1 Survey hunters and other stakeholders regarding turkey populations and management issues		•	•	•	•	•	<u>■</u> -•	•	•	•		
3.2 Report research and management findings to the public through all forms of media	•	•	•	•	•	•	•	•	•	•		
3.3 Provide educational information through all forms of media and speaking engagements	•	•	•	•	•	•	•	•	•	•		
3.4 Develop and publish fact sheets		•	•	•	•	•	•	•	•	•		
3.5 Provide information to landowners about turkey behavior and depredation			•	•	•	low priority	low priority	•	•	•		

Progress from July 2012 - June 2013:

Delete for years specified.Add for years specified.

- 3.1 FY2008 survey completed, published. WMU level analyses conducted; report behind schedule. FY2012 survey postponed until completion of hen study. Instead, conducting annual fall turkey hunter survey through 2014. Results of 2011 & 2012 fall turkey hunter surveys analyzed & reported to BOC; report for website behind schedule. Since 2009, PANWTF conducts annual spring turkey hunter cooperator survey.
- 3.2 Ongoing. 4 annual reports completed & posted on website, 5 news releases, 2008 PA Turkey Hunter Survey results posted on website & published in Game News. Hen study information updated on website & provided as a Field Note to Game News. Conducted annual meeting of the WMU5A Wild Turkey Task Force. 65 responses to inquiries via emails, phone calls and letters from the public & news media, PowerPoint training presentation regarding trapping techniques, aging, sexing, and transmitter attachment given to all turkey trapping crews. Guest lecturer at 2 wildlife management classes at California University and PGC Cadets. Wildlife veterinarian published information regarding LPDV on website & submitting samples to SCWDS (4 confirmed cases in PA). In cooperation with NWTF Reg'l Biologist.
- 3.3 Ongoing. In cooperation with BI&E, revised the Wild Turkey Wildlife Note, published 7 news releases, 8 website updates and recorded 2 Radio PA segments regarding fall turkey seasons. Responded to 65 inquiries from public and news media. Provided 7 educational programs 2 wildlife management classes at California University, 2 sportsmen clubs, scout troops, a conservation group and the PGC Cadet class. Provided technical assistance to 5 landowners, made contact with 21 landowners regarding the hen study, provided framed certificates of appreciation to 10 landowners who assisted with hen study. A freelance producer filmed a turkey capture in Clearfield Co., and posted video on YouTube. Programs also regularly provided by WCOs and NWTF Reg'l Bio. Regional Office dispatchers and Harrisburg Office handle inquiries from the general public.
- 3.4 Completed and ongoing with annual updates to turkey FAQs on website. In cooperation with NWTF Reg'l Bio and BI&E for website updates.
- 3.5 Postponed indefinitely, not many inquiries, booklet low priority, beyond time commitment. In cooperation with PGC WCO's, Reg'l Bio's, NWTF Reg'l Bio. Pilot nuisance turkey study in SW Region completed, FY2011. Assisted WCO with one agricultural depredation case, solved with education.

Objective and Strategies	By End of Fiscal Year (e.g., FY 2006 = July 06 – June 07)											
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015		
Hunting Heritage/Hunter Safety Objective			•					•				
Strategy:												
4.1 Evaluate expanding hunter education to include optional & separate course on turkey hunting & safety			•	•	•	Compl, ongoing	•	•	•	•		
4.2 Determine participation rates of various age segments of hunters and develop ways of increasing participation				•	•	•	•					
4.3 Assess and explore opportunities for continued development of the youth mentored hunting program	•	•	•	•	•	•	•	•	•	•		
4.4 Consider expanding the youth spring gobbler season to an all-day season	•	•				•	•		•			
4.5 Consider implementation of expanded spring hunting opportunities	•	•	•	•	•	•	•	•	•	•		
4.6 Maintain and expand the Game Commission's public access programs to promote and protect these privately owned lands open to public hunting	•	•	•	•	•	•	•	•	•	•		
4.7 Acquire turkey habitat to expand hunting opportunities	•	•	•	•	•	•	•	•	•	•		
4.8 Develop and distribute educational and hunter safety materials directly to turkey hunters		•	•	•	•	•	•	•	•	•		
4.9 Investigate relationships between spring and fall hunter density and turkey hunter safety, and recommend regulation changes if necessary					•	•	•					
4.10 Conduct information and education programs to control turkey hunting related shooting incidents and promote wild turkey hunter safety/ethics	•	•	•	•	•	•	•	•	•	•		
4.11 Monitor compliance with fluorescent orange turkey hunting regulations	•	•	•	•	•	•	•	•	•	•		
4.12 Review orange requirements, evaluate regulatory alternatives, and, if appropriate, recommend changes to the spring season fluorescent orange turkey hunting regulations	•	•	Compl									
4.13 Assure that complete information on turkey hunting related shooting incidents are included in all International Hunting Education Association reports	•	•	•	•	•	•	•	•	•	•		

Progress from July 2012 - June 2013:

Delete for years specified.
 Add for years specified.

- 4.1 Completed (Successful Turkey Hunting course created), ongoing. 9 classes conducted, 161 students enrolled.
- 4.2 Postponed until PALS, but data not available through PALS as anticipated. Strategy not attainable given current technology.
- 4.3 Ongoing. Fall turkey mentored youth program began fall 2012. Annual mentored youth hunter survey initiated 2012, track participation, retention, harvest.
- 4.4 Postponed until evaluate 3 years of all-day spring season, and the wild turkey population increases because youth season occurs prior to the majority of nest incubation.
- 4.5 Ongoing: 5 new spring opportunities: special turkey license & spring mentored youth (2006); season extended to Memorial Day (2008); season extended to May 31 & all-day hunting during second ½ of season (2011).
- 4.6 Ongoing. 16,296 landowner agreements, 2,640,132 ac under agreement in Hunter Access programs. 108 habitat projects funded on > 6,000 ac, providing access to > 17,000 new acres.
- 4.7 Ongoing. PGC acquired nearly 19,000 acres, all of which occurs within wild turkey range.
- 4.8 Postponed will be completed by BI&E personnel, but PALS does not identify species hunted except for special turkey license.
- 4.9 Postponed obtain via PALS & Game-Take Survey, and will be completed by BI&E personnel. No 2012 fall turkey HRSIs & 1 spring 2013 HRSI both record lows!
- 4.10 Ongoing, cooperative effort with NWTF. Successful Turkey Hunting curriculum also address this. PANWTF turkey hunting success & safety brochure is on PANWTF website. Aspect of basic HTE courses. Low HRSIs.
- 4.11 Ongoing. Fluorescent orange regulation only for fall season, since 2008. Fluorescent orange violations fall season, Calendar Year 2012: 0, compared to 11 in 2008, 4 in 2009, 0 in 2010, 1 in 2011.
- 4.12 Completed 2008.

Objective and Strategies	By End of Fiscal Year (e.g., FY 2006 = July 06 – June 07)									
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Wild Turkey Protection Strategy:										
5.1 Assess compliance with laws and regulations to protect the wild turkey resource	•	•	•	•	•	•	•	•	•	•
5.2 Use wild turkey decoys and other appropriate law enforcement tools to discourage road hunting and poaching, and utilize partnerships to assist with purchasing equipment	•	•	•	•	•	•	•	•	•	•
5.3 Seek legislation to increase penalties for serious violations	•	•	•	•	Partial Compl	Compl	Ongoing for other legislat.	•		
Cooperative Partnerships Objective Strategy:										
6.1 Assist states and Canadian provinces with wild turkey restoration through trap and transfers where feasible	•	•	•	•	•	•	•	•	•	•
6.2 Continue the partnership with the National Wild Turkey Federation	•	•	•	•	•	•	•	•	•	•

Progress from July 2012 - June 2013:

- 5.1 Ongoing. wild turkey violations in CY 2012 = 108. Decreasing trend: 147 in CY 2010 & 179 in CY 2008. Species code is part of PGC prosecution database (02/2008).
- 5.2 Ongoing. Used decoys 7 times in CY 2012 (12 times in CY 2011), spring season; 3 citations issued, 1 warning issued, 31% of vehicles stopped to observe decoy. No new decoys purchased in 2012.
- 5.3 Completed for initial legislation, ongoing for additional legislation. PA joined the Interstate Wildlife Violator Compact, SB 1200, 2010. Penalty structure for violations of the Game and Wildlife Code was increased by state legislature, HB97, 2011. Drafted language regarding closed season violation, to be proposed FY2013 seize and retain the hunter's equipment, not just firearm.

Progress from July 2012 - June 2013:

- 6.1 Completed and Ongoing. No requests for 2009, 2010, 2011 or 2012. 2006-2008 total transfers to South Dakota: 113.
- 6.2 Ongoing. PGC grant to NWTF for Regional Biologist, PGC wild turkey biologist is technical representative to NWTF. NWTF Grant-in-Aid research funding for hen study (2011 -2013), PANWTF research funding for all wild turkey research studies since 1999, PANWTF funding toward SGL land acquisitions (SGL 106 & 217), PANWTF habitat superfund & other Hunting Heritage projects especially I&E, cooperative events (JAKES, WITO, Wheelin' Sportsmen) & strong relationship with PANWTF.