Arkansas Forestry Commission

U of A Cooperative Extension Service
September 27-28, 2017

2017 NPS 319(h) Project Review

Intentions may be great, but action may be lacking.

I’m Interested in 319h grant projects but
eating lunch just wore me out today.

Arkansas Silvicultural NPS Project

Best Management Practices Assessment
Grant # C999610323
Project 15-1200
Major Task Include;

- Technical Logger-Forester BMP Training
- Non-Technical Landowner BMP Training
- Courtesy Exams
- AFC BMP Guideline Books and Materials
- AFC Silviculture 8th BMP Implementation Assessment

Technical BMP Training

Forester – Logger Training

- Will conduct 9 BMP workshops
- Trainings will be both class room and Field
- To date 8 workshops with 409 Trainees

Non-Technical BMP Training

Landowner BMP Training

- Increase Landowner Awareness by conducting 3 workshops
- To date 2 Workshops have been held with 146 participants

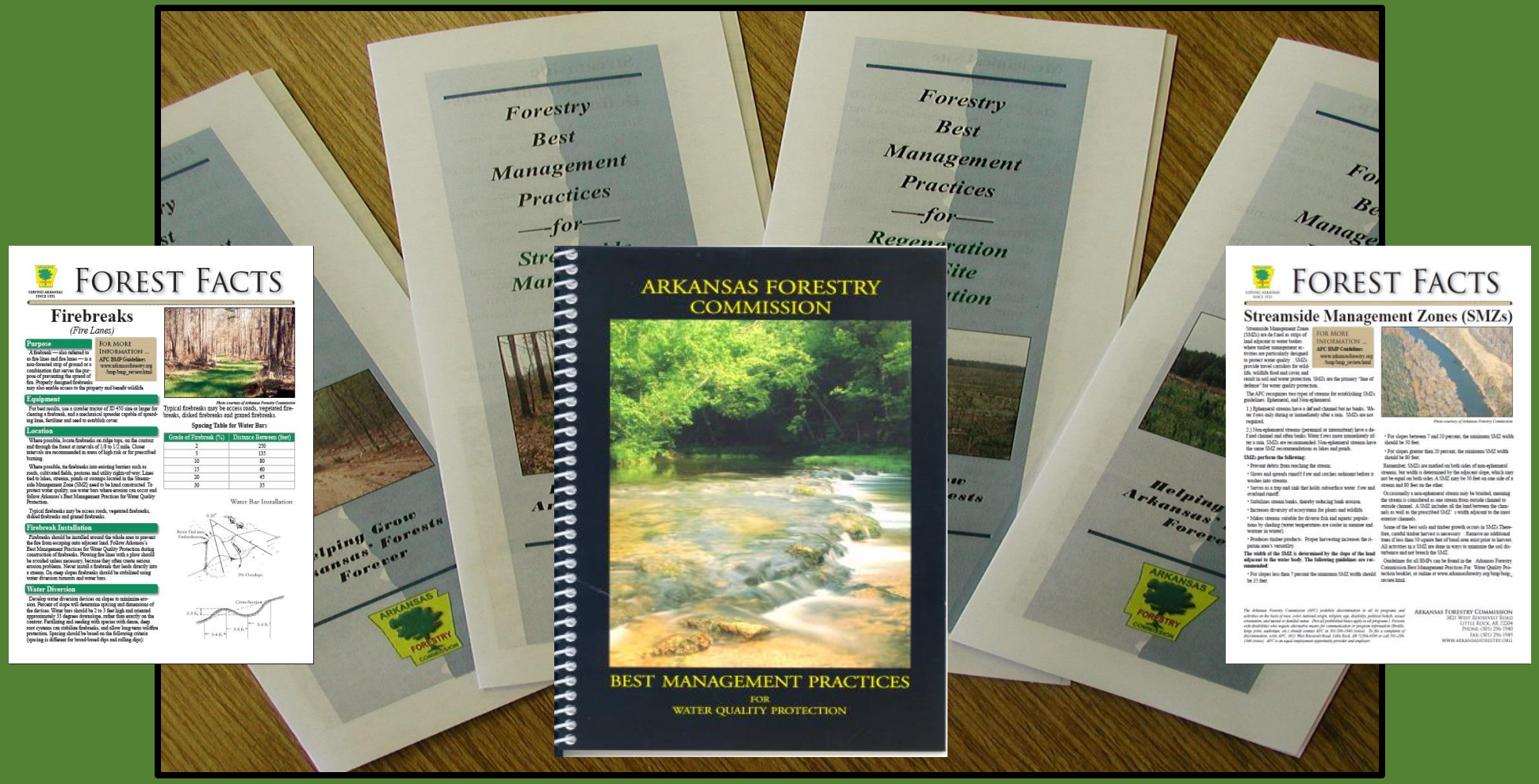
Courtesy Exams

Prevent before the event

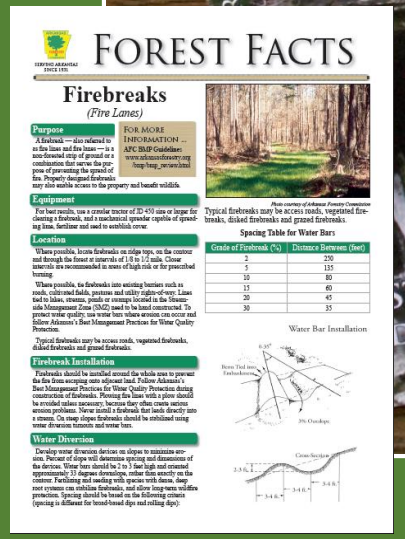
- Provide 3 site specific technical on the ground assistance
- 2 Sessions with 8 Foresters, 5 Loggers, 2 Contractors and 4 Landowners
- Exam address SMZ, temporary road BMP's, and a technical assistance summary report of site specific BMP recommendations.

BMP Guideline Book & Materials

- AFC will redesign and print handouts
- Will re-print AFC BMP BOOK



BMP Guideline Book & Materials



Silvicultural BMP Assessment

Previous BMP Implementation Averages

- 7: 2010-2011 - 89%
- 6: 2007-2008 - 86%
- 5: 2005-2006 - 87%
- 4: 2002-2003 - 85%
- 3: 2000-2001 - 83%
- 2: 1998-1999 - 80%
- 1: 1996-1997 - 85%

2016 – 2017: In Progress

- Using Landsat Imagery we collected 3012 pool sites
- Started to look at 250 random selected sites starting July 2017
- Plan to complete survey by January 2017
- Plan to analyze data and publish data by April 2017

Obstacles Encountered

None up to this point

Acknowledgements

Arkansas Natural Resource Commission

Environmental Protection Agency,
Region 6

Arkansas Timber Producers Association

Arkansas Forestry Association

School of Forest Resources

Arkansas Forestry Commission

Questions?

www.arkansasforestry.org

Arnold Hameister
AFC BMP Coordinator

8th BMP Implementation Survey Considerations

- Site Selection Method
  - satellite imagery, severance tax, deeds, etc.
- Ensuring Randomness
  - random number generator
- Stratification
  - county, landowner, watershed.
- Data Storage
  - database, spreadsheet, paper trail
- Data Analysis