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 <u>Major Task Include;</u>

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

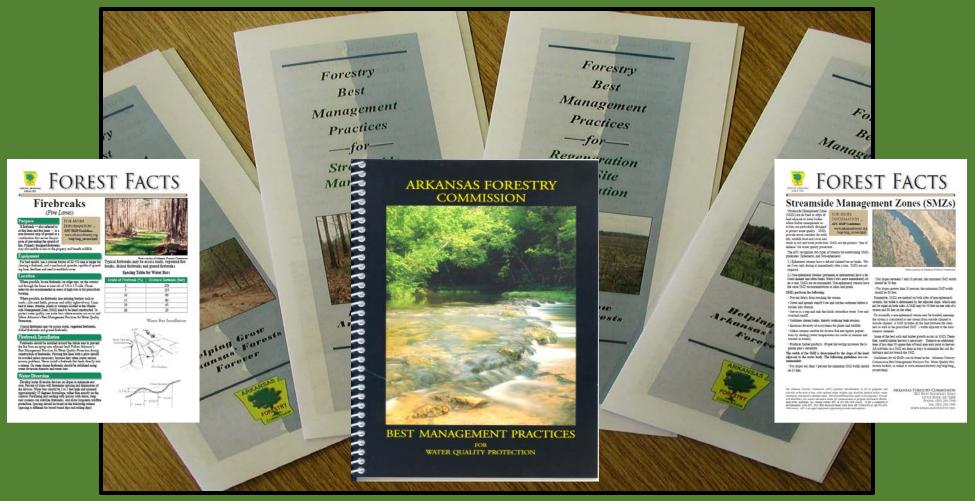
summary report of site specific BMP recommendations.



BMP Guideline Book & Materials

➢ AFC will redesign and print handouts Will reprint AEC BMP BOOK

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

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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