CONSERVATION INNOVATION GRANTS

Final Report

Grantee Name: Missouri Department of Cons	ervation									
Project Title: Best Management Practices for Water Quality on Private Timber Sales										
Agreement Number: NRCS 69-3A75-9-126										
Project Director: Jason Jensen										
Contact Information:	Phone Number: 573-522-4115									
Doyle Brown	E-Mail: <u>Doyle.Brown@mdc.mo.gov</u>									
PO Box 180	or Jason.Jensen@mdc.mo.gov									
Jefferson City, MO 65102										
Period Covered by Report: October 1, 2009- S	September 23, 2013									
Project End Date: September 23, 2013 (as amended 1/4/12- see attached letter)										

A) Summarize the work performed during the project period:

- A total of 7,977 acres of private land timber sales had best management practices installed as a result of this grant. This included 81 individual projects with payments of \$153,433.50 to loggers and \$39,884.50 to landowners. Additionally \$53,900 was paid to the independent verifier to make inspections of each project.
- Twenty-five Professional Timber Harvester training sessions were conducted, training 229 loggers. Loggers were taught Best Management Practices for preventing erosion on timber sales as part of the 5 day training course. This class was mandatory for loggers to utilize cost share opportunities through the CIG grant.
- Advanced BMP workshops were held at 12 locations, training loggers, landowners and foresters on the proper use and installation of BMP's. Approximately 300 people attended the 12 sessions. The training was an in the field, applied BMP implementation event.
- Two Advanced Timber Sale Layout classes were conducted. The training was designed to consider BMP's at the time the sale is prepared. This results in a more proactive approach to prevent potential erosion before it occurs. Classes were taught in Ellington and Eminence.
- Two Advanced Cutting classes were held training 8 loggers. The cutter sets the stage for the layout of the sale and resulting skid trails and BMP's.
- Seven skidder training sessions were held training 46 loggers on the careful use and implementation of BMP's using harvesting equipment.

B) Describe significant results, accomplishments, and lessons learned. Compare actual accomplishments to the project goals in your proposal:

Our stated goal was to "Implement BMP on approximately 8,000 harvested acres on private lands to protect soil and water resources". We came very close to meeting this goal with BMP implementation on 7,977 acres. An additional 1657 acres of timber sales were signed up for the cost share but due to time constraints and adverse weather the sales were not completed by the end of the grant cycle. I applied for a grant extension and sent requests by

- mail, email and even called but received no response for my extension request.
- The original grant was for six counties in the heaviest timber counties in the state. Due to a lack of interest the area was expanded to 15 counties. Again due to a lack of interest, the area eligible for cost share was expanded to 57 counties. This resulted in much more interest, including additional interest in the originally approved area. At the end of the grant we had loggers that were disappointed that the opportunity was no longer available. I think offering the cost share on a state wide basis at the beginning of the grant would have resulted in success much earlier in the grant.
- An unintended benefit was the need to conduct additional Professional Timber Harvester Training for loggers that wanted to utilize the cost share but weren't trained.
- The success of this cost share opportunity illustrates that cost share can help ensure implementation of BMP's on timber sales. However BMP establishment is only part of the entire equation of practicing sustainable forest management. Cost share could also be utilized to encourage the use of a professional forester, prepare a harvest plan, and provide funding for foresters to mark the timber sale.
- To maintain the momentum that has developed for establishing BMP's the Missouri Department of Conservation has an approved cost share practice for this purpose. However as previously stated BMP establishment is only part of the equation. As a result, we are implementing a stepped approach to encourage sustainable forest management. The first level of cost share would pay the logger \$10/ acre to implement BMP's. The second level would pay loggers \$10/ acre for BMP's and \$5/ acre to the landowner to have a harvest plan prepared and followed. The third level of participation would involve \$10/ acre to the logger for BMP implementation, \$5/ acre to the landowner to have a harvest plan prepared and another \$5/ acre to the landowner to have a forester mark their timber.
- One of the reasons for the success of this project was that the trainer for the Professional Timber Harvester Program was also the verifier for the program. This made the loggers feel more comfortable and confident that what they were being taught was what they were expected to implement. We had several loggers that convinced landowners to participate in the program.
- One of the inhibitions for landowners to participate was the requirement of the federal forms (AGI 926, HEL 1026, Tax form 927) that dealt with the landowner's disclosure of income tax information, adjusted gross income, etc. Landowners do not trust the federal government and are very reluctant to provide that information. I had several projects that were not initiated due to this reluctance.

Sign up Date Logger Name	Logger Address	City	State	Zip	Am	ount	Landowner Name	Landowner Address	City	State	Zip	Amount	Acres	Comple	Dated Paid
5/6/2013 Allan Brown	3597 Hwy 79	New London	MO	63459	\$	600.00	Kevin Meany Sr	724 County Rd 139	Maywood	МО	63454	\$ 150.00	30	Yes	9/9/2013
5/6/2013 Allan Brown	3597 Hwy 79	New London	MO	63459	\$	280.00	Michael McNulty	11046 Charcau Chura	St Louis	MO	63128	\$ 70.00	14	Yes	8/27/2013
4/19/2012 Angelback Lumber Co Inc	PO Box 404	Marble Hill	MO	63764	\$ 2,	,240.00	Catherine Kuss Tanksley	2602 State Hwy A	Cape Girardeau	MO	63701	\$ 560.00	112	Yes	7/5/2012
9/12/2012 B & B Timber Co Inc	PO Box 145, Rt 34 W	Marble Hill	MO	63764	\$	600.00	June F Siegel	c/o Ron Siegel, 198 Hunting	Canonsburg	PA	15317	\$ 200.00	40	Yes	7/31/2013
7/27/2012 B & B Timber Co Inc	PO Box 145, Rt 34 W	Marble Hill	MO	63764	\$ 1,	,995.00	Scott Crader	647 Oak Meadows Dr	Jackson	MO	63755	\$ 665.00	133	Yes	12/10/2012
3/6/2012 B & B Timber Co Inc	PO Box 145, Rt 34 W	Marble Hill	MO	63764	\$ 1,	153.50	Steve Essner	52 Lyman Lane	Scott City	MO	63780	\$ 384.50	77	Yes	8/20/2012
8/1/2013 Bobby Ard	4837 Hwy N	Salem	MO	65560	\$ 1,	,000.00	Gil Rottmann	330 Senate Ct	St Charles	MO	63368	\$ 250.00	50	Yes	9/25/2013
9/1/2012 Bobby Ard	4837 Hwy N	Salem	MO	65560	\$ 2,	,100.00	John W Carter	15910 Crocker Rd	Dixon	MO	65459	\$ 525.00	105	Yes	2/5/2012
9/10/2011 Brinkley Logging Inc	RR 4 Box 4447	Piedmont	MO	63957	\$	750.00	Timothy M Sutton	RR1 Box 16910	Patterson	MO	63956	\$ 250.00	50	Yes	4/5/2013
1/17/2012 Brinkley Logging Inc	RR 4 Box 4447	Piedmont	MO	63957	\$	360.00	Robert S Todd	RR4 Box 4396	Piedmont	MO	63957	\$ 120.00	24	Yes	4/5/2013
7/15/2013 Brinkley Logging Inc	RR 4 Box 4447	Piedmont	MO	63957	\$	400.00	Timothy M Sutton	RR1 Box 16910	Patterson	MO	63956	\$ 100.00	20	Yes	11/5/2013
3/7/2012 D & D Logging	6099 Jute Rd	Seneca	MO	64865	\$ 4,	,000.00	Ernest L Itter, Jr	472 Seven Oaks Ln	Noel	MO	64854	\$ 1,000.00	200	Yes	7/18/2013
11/9/2012 David Ard	Co Rd 6250 Box 442	Salem	MO	65560	\$ 1,	,840.00	Bryan Chitwood	201 Matlock Dr	St James	MO	65559	\$ 460.00	92		
4/4/2012 David Hedspeth	PO Box 388	Van Buren	MO	63965	\$	940.00	RPM Logging	HC 89 Box 176	Winona	MO	65588	\$ 235.00	47	Yes	7/16/2012
11/3/2011 David Reynolds	PO Box 334	Ellsinore	MO	63937	\$	640.00	Carolyn S Sheets	Rt 3 Box 73	Ellsinore	MO	63937	\$ 190.00	38	Yes	7/20/2012
12/9/2011 David Reynolds	CO Rd 239	Ellsinore	MO	63937	\$	800.00	Ceclie Goodman	2140 Hwy F	Ellington	MO	63638	\$ 200.00	40	Yes	7/10/2012
2/20/2012 David Reynolds	PO Box 334	Ellsinore	MO	63937	\$ 2,	,200.00	Ellen M Feltner	1107 Grand Prix Dr	St Charles	MO	63303	\$ 550.00	110	Yes	9/18/2012
10/27/2011 David Reynolds	PO Box 334	Ellsinore	MO	63937	\$ 1,	,125.00	Gene A Ward	RR 1 Box 1501	Mill Spring	MO	63952	\$ 375.00	75	Yes	7/10/2012
1/1/2012 David Reynolds	PO Box 334	Ellsinore	MO	63937	\$ 3,	,420.00	Maurice E Moss	Route 1 Box 1496	Mill Spring	MO	63952	\$ 855.00	171	Yes	7/24/2013
3/5/2012 David Reynolds	PO Box 334 Co Rd 239	Ellsinore	MO	63937	\$ 4,	,000.00	Walter Hickey	3001 Foxwood Bend	Poplar Bluff	MO	63901	\$ 1,000.00	200	Yes	7/24/2013
12/22/2012 Dotson and Son Loggin, Inc	4500 Gordon Rd	Sturgeon	MO	65284	\$ 3,	,080.00	Kenneth H McLaughlin	8720 CR 451	Mokane	MO	65059	\$ 770.00	154	Yes	10/8/2013
9/5/2012 Doug Wheelehon	4679 Hwy O	Williamsville	MO	63967	\$	340.00	Thomas Drummond	1672 Littleton Crt	Fenton	МО	63026	\$ 85.00	17	Yes	12/10/2012
2/1/2013 Dustin Allred dba Mid-Mo Lo	20679 Hwy H	Hughesville	MO	65334	\$	630.00	Don Poage	27965 Hwy AE	Cole Camp	МО	65325	\$ 210.00	42	Yes	9/25/2013
5/11/2012 East Perry Lbr Co	East Main Box 105	Frohna	MO	63748	\$ 1,	140.00	East Perry Lbr Co	East Main Box 105	Frohna	MO	63748	\$ 285.00	57	Yes	5/30/2012
5/11/2012 East Perry Lbr Co	East Main Box 105	Frohna	MO	63748	\$ 2,	,640.00	East Perry Lbr Co	East Main Box 105	Frohna	MO	63748	\$ 660.00	132	Yes	5/30/2012
5/11/2012 East Perry Lbr Co	East Main Box 105	Frohna	MO	63748	\$ 3,	,000.00	East Perry Lbr Co	East Main Box 105	Frohna	MO	63748	\$ 750.00	150	Yes	5/30/2012
5/11/2012 East Perry Lbr Co	PO Box 105	Frohna	MO	63748	\$ 4,	,000.00	East Perry Lbr Co	PO Box 105	Frohna	MO	63748	\$ 1,000.00	200	Yes	5/30/2012
5/11/2012 East Perry Lbr Co	PO Box 105	Frohna	MO	63748	\$	800.00	Pondarosa Ranch	PO Box 105	Frohna	MO	63748	\$ 200.00	40	Yes	5/30/2012
2/2/2011 East Perry Lumber Co	East Main Box 105	Frohna	MO	63748	\$ 1,	,600.00	East Perry Lbr Co	East Main Box 105	Frohna	MO	63748	\$ 400.00	80	Yes	6/11/2013
5/29/2013 East Perry Lumber Co	East Main Box 105	Frohna	МО	63748	\$ 2,	,800.00	East Perry Lbr Co	East Main Box 105	Frohna	MO	63748	\$ 700.00	140	Yes	6/11/2013
1/24/2013 East Perry Lumber Co	East Main Box 105	Frohna	MO	63748	\$	800.00	Marvin Petzoldt, Jr	Box 138; 7707 East main	Frohna	MO	63748	\$ 200.00	40	Yes	6/11/2013
5/29/2013 East Perry Lumber Co	East Main Box 105	Frohna	MO	63748	\$ 2,	,800.00	Pondarosa Ranch	East Main Box 105	Frohna	MO	63748	\$ 700.00	140	Yes	6/13/2013
5/6/2013 East Perry Lumber Co	East Main Box 105	Frohna	MO	63748	\$ 6,	,500.00	Wilma J Copeland	1068 Patricia Street	Cape Girardeau	MO	63701	\$ 1,625.00	325	Yes	9/25/2013
3/1/2013 Eddie C Evans	7686 Hwy 137 South	Houston	МО	65483	\$	720.00	Bee Rock Land, LLC Nicole Wood	203 NE Main St	Bonne Terre	MO	63628	\$ 180.00	36	Yes	10/16/2013
6/23/2012 Gary W Williams	12260 Hwy C	Annapolis	МО	63620	\$	800.00	George S Sandfort	133 Kunze Dr	St Charles	MO	63303	\$ 200.00	40	Yes	7/10/2012
6/19/2012 Gary W Williams	12260 Hwy C	Annapolis	МО	63620	\$ 1,	,900.00	James Buck	12570 Danube Dr	Florissant	MO	63033	\$ 475.00	95	Yes	7/10/2012
11/9/2012 Gary W. Williams	12260 Hwy. C	Annapolis	MO	63620	\$ 2,	,000.00	Maurice J. Lonsway	15332 Oak Tree Estates	Chesterfield	MO	63017	\$ 500.00	100	Yes	12/10/2012
11/30/2011 Greg Brinkley	RR 4 Box 4447	Piedmont	МО	63957	\$ 1,	,400.00	John W Williams & Mortina Williams	RR 1 Box 18860	Patterson	MO	63956	\$ 350.00	70	Yes	6/5/2012
11/8/2011 Gregory Stark	Rt 2 Box 2572	Birch Tree	MO	65438	\$	800.00	Mrs Dorothy Blinne	3710 South Lenoir	Columbia	MO	65201	\$ 200.00	40	Yes	4/19/2012
4/1/2013 Jack Mead	HC62 Box 503	Salem	МО	65560	\$ 1,	240.00	Bonnie Keaton	HC 2 Box 95	Eminence	MO	65466	\$ 310.00	62	Yes	9/25/2013
2/20/2012 Jadwin Timber Prod LLC	PO Box 40	Salem	MO	65560	\$ 4,	,500.00	Don Nelson	2800 S Lowe Rd	Blue Springs	MO	64015	\$ 1,500.00	300	Yes	9/25/2013
10/28/2012 Jadwin Timber Prod LLC	2777 Hwy 52	Eldon	MO	65026	\$ 2,	,500.00	Larry Swofford	57 Kountry Trails Lane	Brumley	MO	65017	\$ 625.00	125	Yes	9/25/2013
11/29/2012 Jason Smith	5384 Co. Road 525	Jackson	МО	63755			Lindale Clubb	· · · · · · · · · · · · · · · · · · ·	Lowndes	МО	63951			Yes	12/10/2012
7/21/2011 Jeff Clark	HCR 2 Box 2250A	Van Buren	МО	63965			Mary Randazzo			IL	62859			Yes	11/16/2011
12/20/2010 Jeff Clark	HCR 2 Box 2250A	Van Buren	МО	63965		300.00	Shirley B Wolf	125 W Swon Ave	Webster Groves	МО	63119	\$ 75.00		Yes	11/16/2011
3/18/2012 Jeff Clark	HCR 2 Box 2250A	Van Buren	МО	63965			Shirley B Wolf		Webster Groves		63119-3			Yes	7/16/2012
6/15/2012 Jeff Clark	HCR 2 Box 2250A	Van Buren	МО	63965			Shirley B Wolf	125 W Swon Ave	St Louis	МО	63119				5/31/2013
4/26/2013 Jeff Clark	HCR 2 Box 2250A	Van Buren	МО	63965	-		Shirley B Wolf		St Louis	MO	63119	•			8/8/2013
11/11/2012 Jeff Clark	HCR 2 Box 2250A	Van Buren	МО		-		Tim Riley	5076 Squire Lane	Cedar Hill	МО	63016				9/3/2013
1/17/2012 John Crooker	20679 Hwy H		МО				Carl J Hepting		Kansas City	MO	64114				10/23/2012
5/8/2012 John Crooker	20679 Hwy H	Hughesville	МО	65334			James D Hepting		Olathe	KS	66062				10/23/2012
5/8/2012 John Crooker	20679 Hwy H	Hughesville	MO				Robert Hepting		Lee's Summit	MO	64064				10/23/2012
7/1/2012 John Evans	· · · · · · · · · · · · · · · · · · ·	Steelville	MO				Dewane M Schneider		Bland	MO	65014				1/22/2013
8/26/2012 John Evans	397 W. Hwy 8	Steelville	MO				Mike Bode			MO	65101				10/30/2012
8/24/2012 Josh Still	Route 1 Box 1176	Exeter	MO				Russell & Louise Painter	1550 South Hoisington Rd		IL		\$ 1,025.00			7/18/2013
8/4/2011 Larry D. Pennock	434 Highway AA	Steelville	MO				The Salvation Army Camp Milaska	1466 Highway N	Bourbon	MO		\$ 1,000.00			8/27/2013
3/20/2012 Leslie Crabtree	2113 Hwy W	Summersville					Steve Burm		Ellington	MO	63638				7/16/2012
5/21/2013 Price Sawmill Inc	2856 Hwy 34	Piedmont	MO	63957			David Winkler		Arnold	MO	63010				9/25/2013
4/16/2013 Price Sawmill Inc	2856 Hwy 34	Piedmont	MO				William Carter		Columbia	MO	65203				4/5/2013
5/1/2013 RAM Logging-Rick Mcbride	HC 89, Box 176	Winona	MO				Charles Stewart		Eminence	MO	65466				9/25/2013
10/1/2012 RAM Logging-Rick Mcbride	HC 89, Box 176	Winona	MO		. ,		David Favre		Freeburg	IL	62243				3/26/2013
8/10/2012 RAM Logging-Rick Mcbride	HC 89, Box 176	Winona	MO				Les Dorris		Van Buren	MO	63965				2/13/2013
12/13/2012 Reynolds Bros. Lumber Co	PO Box 334 Co Rd 239		MO				Melvin Lee Lewis, Jr		Fisk	MO	63940			Yes	
															9/25/2013
	Co. Rd. 239	Ellsinore	MO				David Reynolds		Ellsinore	MO	63937				9/3/2013
3/29/2013 Reynolds Bros. Lumber Co. 2/18/2013 Reynolds Bros. Lumber Co.	PO Box 334 Co Rd 239		MO				Marilyn Eason		Mill Spring	MO	63952				9/25/2013
	1 0 DW 130	Ellsinore	MO	63937	١ ١	≺()() ()()	Johnny Reynolds	HC 3 Box 240	Ellsinore	MO	63937	\$ 325.00	65	Yes	11/7/2013

United States Department of Agriculture



Natural Resources Conservation Service P.O. Box 2890 Washington, D.C. 20013

January 4, 2012

Jason E. Jensen, CF Forest Productions Program Supervisor MO Department of Conservation 2901 West Truman Blvd. P.O. Box 180 Jefferson City, MO 65102-0180

69-3A75-9-126

Dear Mr. Jensen,

Thank you for your letter requesting a no cost time extension of your award. It has been reviewed and approved by Gregorio Cruz, the CIG National Program Manager. Your new end date is September 23, 2013

Please be sure to keep up with your regularly scheduled financial and performance reports during the extended project period.

Please contact me if need anything else.

Sincerely,

Grants and Agreement Specialist

USDA, NRCS

202/690-1253 (desk) rm. 6207 daniel.lukash@wdc.usda.gov

Ce: Gregorio Cruz, NRCS CIG National Program Manager

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United States Department of Agriculture



Natural Resources Conservation Service P.O. Box 2890 Washington, D.C. 20013

December 22, 2011

Jason E. Jensen, CF Forest Productions Program Supervisor MO Department of Conservation 2901 West Truman Blvd. P.O. Box 180 Jefferson City, MO 65102-0180

69-3A75-9-126

Dear Mr. Jensen,

Thank you for your letter of December 16, 2011 requesting to expand the project area of your award. It has been reviewed and approved by Gregorio Cruz, the CIG National Program Manager. Please note these changes and report on the results in your six month performance reports.

Please contact me if need anything else.

Sincerely,

Dan Lukash

Grants and Agreement Specialist

USDA, NRCS

202/690-1253 (desk) rm, 6207

daniel.lukash@wdc.usda.gov

Cc: Gregorio Cruz, NRCS CIG National Program Manager

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Counties Eligible for Forestry Best Management Practices Cost Share





