

Job Approval Authority for Ecological Conservation Practices

Employee Name: _____ **Field Office:** _____

Delegation and Approval Authority for Ecological Practices
(Authorized person with delegated authority will sign and date as appropriate)

Agron - Agronomist, ARC - Area Resource Conservationist, Biol - Biologist, Eng - Engineer, For - Forester, GLS - Grazing Land Specialist, WQS - Water Quality Specialist.

(Signature) / (Date) _____ (Signature) / (Date) _____

Agronomy _____ **Grazing Lands** _____

Biology _____ **Water Quality** _____

Forestry _____ **Air Quality** _____

By signing this form, I agree to use my assigned job approval authority only for work that I am competent and qualified to perform. I will seek assistance from other qualified individuals when complicating factors warrant.

Employee Signature: _____ **Date:** _____

Concurrence by First Level Supervisor: _____ **Date:** _____

Supervisors review the worksheet with their employees and decide which practices are applicable in their field office. Current job class should be based on demonstrated ability of past work. *Employees should review their job approval authority levels periodically to make sure that they are current.

Practice Code	Practice Name	Discipline 1/	Delegation of Authority		CONTROLLING FACTOR		JOB CLASS					MAXIMUM APPROVAL AUTHORITY (enter job class)		
			PI-East	PI-West	Description	Unit	I	II	III	IV	V	Inventory & Evaluation	Design	Implementation
472	Access Control	Forestry	For - PI	ARC - West	Area of Practice	Acre	2	10	50	100	All			
311	Alley Cropping	Forestry	For - PI	ARC - West	Area of Practice	Acre	2	10	50	100	All			
575	Animal Trails and Walkways (Ecological Component)	Grazing Land/ Engineering	GLS - PI	ARC - West	Slope	Percent	<4	<8	<12	<20	>20			
					Soil Surface Texture Class	Texture Class	N/A	scl, sc, c, sic, sicl	All + Gravelly Modifier	All	All			
					Ground Cover	Type	N/A	Vegetated	Non-vegetated	All	All			
314	Brush Management	Grazing Land	GLS - PI	ARC - West	Method ^{1/}	Type	Biological	Mechanical	Chemical	All	All			
					Brush Species to Control	Number	1	2	3	>3	All			
					Ecological Sites Treated	Number	1	2	3	>3	All			
^{1/} In order to obtain Job Class III for chemical control, the individual must also have Integrated Pest Management (595) certification.														
327	Conservation Cover	Agronomy	Agron - PI	Agron - West	Area of Practice	Acre	<5	<10	All					
328	Conservation Crop Rotation	Agronomy	Agron - PI	Agron - West	Number of Crops in Rotation per Field	Number	<4	<6	All					
330	Contour Farming	Agronomy	Agron - PI	Agron - West	Slope of Field	Percent	<5	<10	All					
331	Contour Orchard and Other Perennial Crops	Agronomy	Agron - PI	Agron - West	Slope of Field	Percent	<5	<10	All					
340	Cover Crop	Agronomy	Agron - PI	Agron - West	Area of Practice	Acre	<10	All						

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US Department of Agriculture
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GM 180, Part 409 - PI Exhibit G April 2012

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342	Critical Area Planting (ecological component)	Agronomy/Engineering	Agron - PI	Agron - West	Slope of Field	Percent	<15	<25	All					
589C	Cross Wind Trap Strips	Agronomy	Agron - PI	Agron - West	Length of Practice	Feet	<500	<1000	All					
324	Deep Tillage	Agronomy	Agron - PI	Agron - West	Depth to Restrictive Layer	Inches	<12	<18	All					
382	Fence	Grazing Land	GLS - PI	ARC - West	Fence Design Type	Type	Barbed	Woven	Game-Proof or Special Situation	Electric (Perm or Temp)	All			
					Limitations ^{2/}	Number	1	1	2	3	All			
2/ Common limitations to fence design include, but are not limited to, very shallow or shallow soils, presence of coarse fragments (stones, cobbles), wetland areas, and special considerations needed for wildlife movements.														
386	Field Border	Water Quality	WQS - PI	Agron - West	Length of Practice	Feet	<500	<1000	All					
393	Filter Strip	Water Quality	WQS - PI	Agron - West	Sediment Delivery Rate	Tons/Ac/Yr	<2	<4	<6	All				
394	Firebreak	Forestry	For - PI	ARC - West	Length of Practice	Feet	200	1000	5000	10000	All			
399	Fishpond Management	Biology	Biol - PI	ARC - West	Number of Species	Number	1	3	5	7	All			
512	Forage and Biomass Planting	Grazing Land	GLS - PI	ARC - West	Area of Practice	Acre	<2	2-20	21-50	51-100	>100			
					Average Annual Precipitation	Inches	>40	31-40	20-30	<20	<20			
666	Forest Stand Improvement	Forestry	For - PI	ARC - West	Area of Practice	Acre	2	10	50	100	All			
655	Forest Trails and Landings (ecological component)	Forestry/Engineering	For - PI	ARC - West	Area of Practice	Acre	2	5	10	15	All			
383	Fuel Break	Forestry	For - PI	ARC - West	Length of Practice	Feet	200	1000	5000	10000	All			
412	Grassed Waterway (ecological component)	Agronomy/Engineering	Agron - PI	Agron - West	Slope of Waterway	Percent	<5	<10	<15	All				
					Precipitation at Waterway	Inches	>40	>30	>10	All				
548	Grazing Land Mechanical Treatment	Grazing Land	GLS - PI	ARC - West	Slope	Percent	0-2	3-8	9-15	>15	>15			
					Soil Limitations ^{3/}	Number	0	1	2	>2	>2			
					Grass Species Expected to Respond	Number	>2	2	1	1	1			
3/ Common limitations to grazing land mechanical treatment include, but are not limited to, soil depth, presence of coarse fragments (stones, cobbles), salinity, and more than one ecological site.														
422	Hedgerow Planting	Biology	Biol - PI	ARC - West	Length of Practice	Feet	250	750	2000	5000	All			
315	Herbaceous Weed Control	Grazing Land	GLS - PI	ARC - West	Method	Type	Biological	Mechanical	Chemical	All	All			
603	Herbaceous Wind Barriers	Agronomy	Agron - PI	Agron - West	Length of Practice	Feet	<500	<1000	All					
484	Mulching	Agronomy	Agron - PI	Agron - West	Area of Practice	Acre	<1	<5	All					
379	Multi-Story Cropping	Forestry	For - PI	ARC - West	Area of Practice	Acre	2	10	50	100	All			
528	Prescribed Grazing	Grazing Land	GLS - PI	ARC - West	Rangelands:									
					Grazing Strategy	Type	Rest Rotation	Deferred Rotation	Short Rotation	Short Duration	All			
					Herds	Number	1	2	3	>3	>3			
					Forestlands:									
					Forest Type ^{4/}	Type	Wet	Wet or Mesic	Wet or Mesic	Wet, Mesic or Dry	Wet, Mesic or Dry			
4/ Forest types are delineated based on the precipitation: evaporation ratio. Wet Forests are generally those over 100" rainfall/year where rainfall exceeds evaporation. Mesic Forests are generally those with 50-100" rainfall/year, where evaporation and rainfall are approximately equal. Dry Forests are generally those with <50" rainfall/year, where evaporation exceeds rainfall.														
Pasturelands:														
Grazing Strategy	Type	Rest Rotation	Deferred Rotation	Short Duration	Short Duration	All								
Herds	Number	1	1	2	3	>3								

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GM 180, Part 409 - PI Exhibit G April 2012

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550	Range Planting	Grazing Land	GLS - PI	ARC - West	Objectives	Type	Livestock Forage	Erosion Control	Wildlife Habitat	Reclamation	All			
					Average Annual Precipitation	Inches	>40	31-40	23-30	16-22	<16			
329	Residue and Tillage Management, No Till/Strip Till/Direct Seed	Agronomy	Agron - PI	Agron - West	Area of Practice	Acre	<5	<10	All					
344	Residue Management, Seasonal	Agronomy	Agron - PI	Agron - West	Area of Practice	Acre	<5	<10	All					
643	Restoration and Management of Rare or Declining Habitats	Biology	Biol - PI	ARC - West	Number of Species	Number	1	2	3	5	7			
391	Riparian Forest Buffer (ecological component)	Forestry/Engineering	For - PI	ARC - West	Area of Practice	Acre	2	10	50	100	All			
390	Riparian Herbaceous Cover	Biology	Biol - PI	ARC - West	Strip Length	Feet	100	200	300	500	750			
					Strip Width	Feet	20	50	75	100	200			
					Number of Species	Number	5	10	15	20	All			
646	Shallow Water Development and Management	Biology	Biol - PI	ARC - West	Number of Species	Number	1	3	5	7	All			
381	Silvopasture Establishment	Forestry	For - PI	ARC - West	Area of Practice	Acre	2	10	50	100	All			
395	Stream Habitat Improvement and Management	Biology	Biol - PI	ARC - West	Strip Length	Feet	100	500	1000	1500	2000			
					Number of Species	Number	1	3	5	7	All			
585	Stripcropping	Agronomy	Agron - PI	Agron - West	Area of Practice	Acre	<5	<10	All					
612	Tree/Shrub Establishment (ecological component)	Forestry	For - PI	ARC - West	Area of Practice	Acre	2	10	50	100	All			
660	Tree/Shrub Pruning	Forestry	For - PI	ARC - West	Area of Practice	Acre	2	10	50	100	All			
490	Tree/Shrub Site Preparation	Forestry	For - PI	ARC - West	Area of Practice	Acre	2	10	50	100	All			
645	Upland Wildlife Habitat Management	Biology	Biol - PI	ARC - West	Number of Species	Number	1	3	5	7	All			
601	Vegetative Barrier	Agronomy	Agron - PI	Agron - West	Slope of Field	Percent	<15	<25	All					
614	Watering Facility (ecological component)	Grazing Land/Engineering	GLS - PI	ARC - West	Capacity of Facility	Gallons	<200	201-500	501-1000	All	All			
658	Wetland Creation (ecological component)	Biology/Engineering	Biol - PI	ARC - West	Number of Species	Number	1	3	5	7	All			
659	Wetland Enhancement (ecological component)	Biology/Engineering	Biol - PI	ARC - West	Number of Species	Number	1	3	5	7	All			
657	Wetland Restoration (ecological component)	Biology/Engineering	Biol - PI	ARC - West	Number of Species	Number	1	2	3	5	7			
644	Wetland Wildlife Habitat Management	Biology	Biol - PI	ARC - West	Number of Species	Number	1	2	3	5	7			
380	Windbreak/Shelterbelt Establishment	Forestry	For - PI	ARC - West	Length of Practice	Feet	200	1000	5000	10000	All			
650	Windbreak/Shelterbelt Renovation	Forestry	For - PI	ARC - West	Length of Practice	Feet	200	1000	5000	10000	All			
384	Woody Residue Treatment	Forestry	For - PI	ARC - West	Area of Practice	Acre	2	10	50	100	All			

*For definitions of the Approval Authority Categories "Inventory and Evaluation", "Design" and "Implementation", see GM 180 Part 409, PI 409.12 (c) (2).

**Contact the appropriate discipline specialist to plan and apply practices that are not listed on this sheet.

***Integrated Pest Management (595) and Nutrient Management (590) are covered by specialist certifications, not through JAA levels. Refer to 590 for all Waste Utilization (633) applications with manure.