

WATER

Conservation Practice Physical Effects on Resource Concerns Candidate Practice List

State	WV	Field Office	ALL	MLRA	125, 126, 127, 128, 147					
Soil Interpretations										
Resource Concerns	Nutrients Organic Surface Water	Pathogens Surface Water	Pesticides Surface Water	Nutrients/ Organic Groundwater	Pathogens GW	Pesticides GW	Turbidity	Conveyance Capacity Restricted	Runoff/ Flooding	Soil Moisture Insufficient
Cons. Practices										
Access Road (560)										
Animal Trail/ Walkways (575)	+2	+2			+2		+2	+2		
Brush Mgt. (314)										+1
Chiseling/Subsoil (324)										
Clearing/Snagging (326)							-2	+5		
Commercial Fishponds (397)										
Composting Facility (317)	+5	+5		+5	+5					
Conservation Crop Rotation (328)	+3	+1		+3			+2	+4	+2	
Contour Farming (330)	+2	+1		+1			+2	+2	+1	
Contour Orchard/ Other Fruit Area (331)								+2	+1	

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Cons. Practices										
Cover/Crop (340)	+2	+2		+2			+2	+1	+1	
Critical Area Planting (342)	+2						+4	+4	+2	
Dam, Diversion (348)							+2		+5	
Dam, Floodwater Retarding (402)							+2		+5	
Dam, Multi-Purpose (349)							+2		+5	
Dike (356)									+5	
Diversion (362)							+4	+4	+4	
Fence (382)										
Field Border (386)	+1	+1	+1				+1			
Filter Strip (393)										
< 30' (393)	+1	+1	+1				+1			

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Resource Concerns	Sediment Surface Water	Heavy Metals Surface Water	Temperature Surface Water	Dissolved Oxygen Surface Water	Acidity/Alkalinity Surface Water	Dissolved Oxygen	Heavy Metals Goundwater			
Cons. Practices										
Cover/Crop (340)	+1	+1								
Critical Area Planting (342)	+4									
Dam, Diversion (348)	+2		-1							
Dam, Floodwater Retarding (402)	+2		-1							
Dam, Multi-Purpose (349)	+3		-1							
Dike (356)										
Diversion (362)										
Fence (382)										
Field Border (386)	+1	+1								
Filter Strip (393)										
< 30' (393)	+1	+1	+1	+1						

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Cons. Practices											
30-50' (393)	+4	+4	+4	+4	+4	+4	+4	+4	+2		
50-100' (393)	+5	+5	+4	+5	+5	+4	+5	+5	+4		
100' + (393)	+5	+5	+4	+5	+5	+4	+5	+5	+4		
Firebreak (394)											
Fish Raceway/Tank (398)											
Fish Stream Improvement (395)											
Fish Pond Management (399)	-1	-1									
Forage Harvest Management (311)	+1			+1							
Floodway (404)									+5		
Forest Harvest Trails (655)							+4	+4	+4		
Forest Site Preparation (490)							+2	+4			
Forest Stand Improvement (666)							+1				
Grade Stabilization Structure (410)							+2	+2			

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Cons. Practices											
Grass Waterway (412)	+4	+4	+2	+4	+4	+2	+4	+4	+4		
Heavy Use Area Protection (561) <u>1/</u>	+4	+4		+4	+4			+4	+4		
Hedgerow Planting (422)											
Hillside Ditch (423)	+1	+1					+1		+1		
Land Clearing (460)	-1						-1				
Land Reclamation Landslide (453)							+5	+5	+5		
Land Smoothing (466)	-1						-1				
Land Reconstruction (544)											
Lined Waterway/Outlet (482)							+4		+2		
Mulching (484)	+3						+2			+3	
Nutrient Management (590)	+5	+5		+5	+5						

1/ 561 used on Livestock Concentration Areas

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Soil Interpretations										
Resource Concerns	Sediment Surface Water	Heavy Metals Surface Waters	Temperature Surface Water	Dissolved Oxygen Surface Water	Acidity/Alkalinity Surface Water	Dissolved Oxygen	Heavy Metals Groundwater			
Cons. Practices										
Grass Waterway (412)	+3									
Heavy Use Area Protection (561) ^{1/}	+3									
Hedgerow Planting (422)										
Hillside Ditch (423)	+1									
Land Clearing (460)	-1									
Land Reclamation Landslide (453)	+5									
Land Smoothing (466)	-1									
Land Reconstruction (544)	+4									
Lined Waterway/Outlet (482)	+1									
Mulching (484)	+3									
Nutrient Mangement (590)		+4					+4			

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Cons. Practices										
Obstruction Removal (500)							-2		+2	
Open Channel (582)										
Pasture/Hayland Planting (512)	+1		+1	+1		+1	+1		+1	
Pest Management (595)			+5			+5				
Pipeline (516)										
Pond (378)										
Pond Sealing (521 A B C D E)										
Precision Land Farming (462)										+1
Prescribed Grazing (528A)	+2	+2	+2	+2	+2	+2	+2	+2	+2	+1
Pumping Plant/ Water Control (533)									+5	+5
Recreation Area Improvement (562)							+2			
Recreation Grading/ Shaping (566)							+2			

