



Palouse-Clearwater Environmental Institute

Last Updated 1/29/09

Table 1: Deep Creek Bank Stabilization Project—Espy Property

Contract Number	S182							
Lead Agency	USEPA and IDEQ							
Project Category	Rural							
Owners	Henry Espy							
Funding	IDEQ 319 Nonpoint Source Grant							
	Latitude	46.9319 N			Longitude	-116.9354 W		
	Qtr Sec	SWSW	Sec	35	Range	R46W	Twncshp	T42N
Project Installation Date(s)	October 9, 2006 to October 20, 2006							
Project Dimensions	Length (ft)	1,392			Width (ft)	89		
Project Area	Sq Ft	123,597			Acres	2.84		
Stream bank Sloping and Stabilization	Side 1 (ft) North Bank	1,392			Side 2 (ft) South Bank	1,390		
Vegetated Buffer	Side 1 (ft) North Bank	24,867			Side 2 (ft) South Bank	37,526		
Woody Species	453							
Emergent Species	120							
Wetlands Created: 1	Area (ft²)	Avg. Depth (ft)			Capacity (ft³)			
Wetland 1	344	0.5			172 ft ³			
Livestock restrictions	Length (ft)	Width (ft)			Area (ft²)			
West Bank Fence	1,382							
Hard Rock Creek Crossing	109	17			1,904			
TMDL Parameters of Concern Addressed by the Project	Sediment Temperature Bacteria Nutrients							
Other Benefits	Habitat improvements							
Restoration Practices	Stream bank re-sloping and stabilizing Streamside sediment basins Wetland construction							



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	Erosion control fabric Native riparian plantings Livestock Fencing Hardened Rock Creek Crossing
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