

**Primary Concerns - Water Quality
Farmstead Environmental Concerns
January 6, 2006**

Name:

Date:

Resource Concerns	Criteria	Measure	Calculation					Points	
Soil Erosion (Sheet & Rill and Ephemeral Gully)	Tons of soil saved on the Treatment Area.	Tons/ac. Saved (as calculated using RUSLE2 for sheet and rill)	Ave. 0 - 2 T/Ac Saved = 5 points Ave. 2 - 5 T/Ac Saved = 10 points Ave. 5 - 10 T/Ac Saved = 15 points Ave. > 10 T/Ac Saved = 20 points	Points				0	
Water Quality	Nutrient Management Applied According to an Approved Plan	Livestock Class: Poultry = 25, Milk Cows & Swine (Liquid) = 20, Milk Cows & Swine (Bedded)= 15, Beef, Dry Cows, Heifers = 10, Sheep, Goats, Horses, Other = 5	Density Factor + Livestock Class = Points Density Factor = Acres/AU: <0.5 = 100, 0.5 - 1 = 75, 1 - 2 = 50, 3 - 4 = 25, 4+ = 10	AU's	Acres	Livestock Class			0
	Sediment Delivery To Surface Waters, Including Wetlands. Double Points If a Public Water Supply or impaired waters	Tons lost that will be controlled (as calculated using RUSLE2 for sheet and rill).	1 Point for each ton controlled. (Max. of 100 pts.)	Tons		Points			0
						1			
Manure Storage. Ave. Dist. to Surface Water, Livestock Class & Manure Consistency. Double Points If Public Water Supply or Impaired waters.	Distance To Surface Water (ft): Direct Discharge = 100 1-15 = 80, 16-50 = 60, 51-100 = 40, 101-200 = 20, 201+ = 10	Points = Livestock Class + Distance Factor + Manure Factor Manure Factor If Non-Stackable (Liquid) Manure Add 100 Points	Livestock Class	Distance Factor	Manure Factor			0	
						1			
Animals Confined (Not Under Cover.) Livestock Type and Distance To Water. Double Points If a Public Water Supply or impaired waters.	Distance To Surface Water (ft):	Points = Livestock Class + Distance Factor + AU's Factor	Livestock Class	Distance Factor	AU's Factor			0	
	Livestock Class: Poultry = 25, Milk Cows & Swine (Liquid) = 20, Milk Cows & Swine (Bedded)= 15, Beef, Dry Cows, Heifers = 10, Sheep, Goats, Horses, Other = 5	Direct Discharge = 100 1-15 = 80, 16-50 = 60, 51-100 = 40, 101-200 = 20, 201+ = 10	< 10 AU/1000 Sq. Ft. = 10 pts > 10 AU/1000 Sq. Ft. = 15 pts.				1	0	
Water Quality	Roof and Farmstead work area (non-animal usage areas) contributing runoff water that causes quality problems.	Distance To Surface Water (ft): Direct Discharge = 100 1-15 = 80, 16-50 = 60, 51-100 = 40, 101-200= 20, 200+ = 10	Points = Distance Factor		Distance Factor			0	
	Milkhouse Waste Disposal. Distance To Surface Water Body and Gal./Day	Distance To Surface Water (ft):	Points = Wastewater Factor + Distance Factor	Distance Factor	Gallons per day	AU's	Points		

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	Wastewater. Double points if a Public Water Supply or impaired waters.	Direct Discharge = 100 1-15 = 80, 16-50 = 60, 51-100 = 40, 101-200 = 20, 200+ = 10	Wastewater Factor = Gallons per day Wastewater/AU's				1	0
	Silage Leachate - Distance To Surface Water Double Points If a Public Water Supply or Impaired waters.	Distance Factor (ft): Direct Discharge = 100, 1-15 = 80, 16-50 = 60, 51-100 = 40, 101-200 = 20, 201+ = 10	Points = Distance Factor	Distance Factor		Points		0
	Buffer Area Installed - 1.5 X Points If a Public Water Supply or Impaired water. 2 X points if a Forested Riparian Buffer (Maximum of 3.5X)	Buffer Width (ft): Factor 10'-15' = 20, 16'-34' = 40, 35'+ = 60	Points = Buffer Factor	Buffer Factor		Multiplier	1	0
Animal Habitat	Wetland Impacts (Habitat Loss)	Square Feet Lost	-2 point/1000 sq. ft. lost	Sq. Ft.			1	0
	Area Treated to control Invasive Species		yes = 30 points	Points				0
	<u>Wildlife practices in application will be applied to improve habitat</u>		<u>1 - 4% of contract area improved = 25 points</u> <u>5 -9% of contract area improved = 50 points</u> <u>10% of contract area improved = 100 points</u>	Points				0
Animal Management	T&E Species or "at risk species" protected according to plan developed w/Biologist		Federally Listed = 100 State Listed = 75 At Risk Species = 50	Points				0
Social Considerations Cultural Resources	Specific Practices Planned w/CRS to protect a National Register Eligible Site		100 points Max.	Points				0
				Points				

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Storm Damage	<u>Conservation practices planned to repair or restore storm damaged agricultural lands. Applicable where EQIP cost overrun funds or emergency programs are not eligible.</u>		yes = 100		0
				Points	
Land Protection	<u>Land Protected by Deeded Easement</u>		10 to 29 Yrs. = 50 Pts. 30 to 100 Yrs. = 75 Pts. Permanent = 100 Pts.		0
				Points	
Air Quality	Specific Practices installed to minimize odors and other airborne pollutants.	Windbreaks installed for air quality purposes.	yes = 20 points	Points	0
Innovative Conservation Practices	Applying new Interim Conservation Practice Standards & Specs. (Does not include 702, 719, & 731)		25 points for each practice used.	Number	0
				Points	
Additional Practices Toward RMS (From Approved Practice List (Must improve treatment level of resource))	Improved Level of Resource Management on Headquarters, Hayland, Pastureland, Forestland, or Wildlife land.		100 Points if practices in application will complete an RMS on Headquarters.		0
				Number	
	Improved Level of Resource Management on Cropland, Hayland, Pastureland, Forestland, or Wildlife land.		5 Points for Each Practice Used on another Primary Land Use (List Practices on CCC-1200)		0

Total Points =	0
Acres Treated =	
Total project cost =	

Final Score = $\frac{\text{total points}}{\text{total project cost/acres treated} \times 100}$

FINAL SCORE	#DIV/0!
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