

Appendix K

*PTMApp
Practices*



Bois de Sioux – Mustinka

Comprehensive Watershed Management Plan

Prioritize, Target, and Measure Application (PTMApp) Practices

This plan leverages existing PTMApp data to identify where new practices are feasible, how much each practice will cost, what the estimated water quality benefit is, and how much progress implementation of a practice can make toward planning region goals.

PTMApp estimates existing pollutant loads and water quality benefit for a wide range of practices, as shown in the table below.

PTMApp Project or Practice	NRCS Code	PTMApp Treatment Group Category						
		Storage	Filtration	Bio-filtration	Infiltration	Protection	Source Reduction	User Defined
Alternative Tile Intake - Dense Pattern Tiling	606				x			
Alternative Tile Intake - Gravel Inlet	606		x					
Alternative Tile Intake - Other Blind Intake	606		x					
Alternative Tile Intake - Perforated Riser Intake	606	x						
Anaerobic Digester	366							x
Bioretention Basin	N/A			x				
Conservation Cover	327						x	
Conservation Crop Rotation	328						x	
Conservation Tillage	329						x	
Constructed Wetlands	N/A	x						
Contour Buffer Strips	332		x					
Contour Farming	330						x	
Cover Crop	340						x	
Critical Area Planting	342					x		
Culvert Sizing	N/A	x						
Dam	402	x						
Drainage Water Management	554	x						
Filter Strips	393		x					
Forage and Biomass Planting	512						x	
Grade Stabilization Structure	410					x		
Grassed Waterways and Swales	412		x			x		
Infiltration Trench	N/A				x			
Irrigation Water Management	442						x	
Lined Waterway or Outlet	468				x			
Multi-stage Ditch	N/A				x			
Nutrient Management	590						x	
Open Channel	582							x
Pest management	595							x

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		<i>Storage</i>	<i>Filtration</i>	<i>Bio-filtration</i>	<i>Infiltration</i>	<i>Protection</i>	<i>Source Reduction</i>	<i>User Defined</i>
Pond for Water Use	378	x						
Prescribed Burning	338							x
Prescribed Grazing	556						x	
Riparian Forest Buffer	391		x					
Riparian herbaceous Cover	322		x					
Roof Runoff Management	558							x
Rotational Grazing	N/A						x	
Sediment Basin	350	x						
Saturated Buffer	N/A			x				
Septic System Improvement	N/A							x
Storm Water Retention Basins	N/A	x						
Stream Channel Stabilization	584					x		
Streambank and Shoreline Protection	580					x		
Strip-cropping	585					x		
Structure for Water Control	587	x						
Terrace	600		x					
Tree/Shrub Establishment	612					x		
Water and Sediment Control Basin	638	x						
Water Reuse	636							x
Wetland Creation	658	x						
Wetland Restoration	657	x						