

Wetland Restoration Site - Field Assessment Form

Project Details

Site ID _____
Investigators _____

Potential Restoration Area (ac.) _____

Date of Site Review _____

Site Information

Existing Land Use _____
Adjacent Land Use _____

Distance to Nearest Road _____

Mapped Soil Type _____

RTE species present? Yes No
Known Cultural Concern? Yes No
Stream Rest. Opportunity? Yes No

Site currently wetland? Yes No
Former Wetland Area? Yes No
Evidence of disturbance? Yes No

Site Comments:

Restoration Site Rating

Soils within potential restoration area

8-10 - Hydric soils present within 12-inches of surface
4-7 - Hydric soils disturbed, altered or below 12-inches
0-3 - No hydric soils observed

Score

Describe:

Hydrology

8-10 - Apparent groundwater hydrology present and un-altered
4-7 - Apparent surficial hydrology present or minor alteration
0-3 - No hydrology observed / significantly altered

Score

Describe:

Existing vegetation

8-10 - unvegetated/open water
6-8 - Herbaceous
3-5 - Scrub shrub
0-2 - Forested

Score

Describe:

Geomorphic Position

8-10 - Low or concave topography/floodplain
4-7 - geomorphic position marginally suited for wetlands
0-3 - steep slopes, convex topography outside floodplain

Score

Describe:

Surrounding land use - potential for future impact

8-10 - undisturbed/forested - low potential future impact
4-7 - open field, invasive species - potential for future impact
0-3 - developed - high potential for future disturbance

Score

Describe:

Page 1 Score _____

Wetland Restoration Site - Field Assessment Form - Page 2

Site ID: _____		Page 1 Score: _____	
<u>Restoration Site Rating</u>			
Function and Value			
8-10 - No current wetland Function and Value - historic wetland	<u>Score</u>		
4-7 -Existing wetland w/ potential to increase function & value			
0-3 - Existing wetland with little to no increase potential			
Describe:			
Presence of Invasive Species			
8-10 - Dense coverage/large stands	<u>Score</u>		
4-7 -minor presence			
0-3 - None			
Describe:			
Site Disturbance			
8-10 - Ongoing/recent	<u>Score</u>		
4-7 - Recovering			
0-3 - None			
Describe:			
Ease of Access			
8-10 - Yes (with <u>existing</u> direct vehicular access to potential site)	<u>Score</u>		
4-7 - limited (open but no road, limited disturbance required)			
0-3 - No (no vehicular access, clearing disturbance needed)			
Describe:			
Stormwater influence			
8-10 - no stormwater influence observed	<u>Score</u>		
4-7 - low stormwater influence observed			
0-3 - High stormwater influence observed			
Describe:			
<u>Site Rating Notes:</u>			Page 2 Score _____
			Total Score _____/100
<u>Potential Restoration Opportunities:</u>			
Invasive Species Control	Yes / No		
Native Plantings	Yes / No		
Restore Hydrology	Yes / No		
Increase Diversity	Yes / No		
Convert open water to vegetated	Yes / No		
Convert emergent to shrub/forested	Yes / No		
Increase Asthetic or educational value	Yes / No		
Other	Yes / No		
Describe:			

Stream Restoration Site - Field Assessment Form					
Project Details					
Site ID _____		Potential Restoration Area (lf.) _____			
Investigators _____		Date of Site Review _____			
Site Information					
Existing Land Use _____		Distance to Nearest Road _____			
Adjacent Land Use _____		Stream Hydrology _____			
RTE species present?	Yes	No	Existing wetlands present?	Yes	No
Known Cultural Concern?	Yes	No	Evidence of disturbance?	Yes	No
Wetland Rest. Oppurtunity	Yes	No	Can restoration be completed in NPS Area?	Yes	No
Site Comments:					
Restoration Site Rating					
Estimated Bank Erosion within the reach					
8-10 - Greater than 50%		Score			
4-7 - 10% - 50%					
0-3 - Less than 10%					
Describe:					
Degree of Channel Incision					
8-10 - Bank Height Greater htan 7 feet		Score			
4-7 - bank height between 3-7 feet					
0-3 - Bank Height less than 3 feet					
Describe:					
Existing Floodplain Access					
8-10 -no evidence of out of bank flooding		Score			
4-7 -yes but infrequent					
0-3 -yes evidence of frequent flooding					
Describe:					
Oppurtunity for floodplain development					
8-10 - existing space for floodplain greater than 10x stream width		Score			
4-7 - Existing space for floodplain 3 to 10 times stream width					
0-3 - little to no space for floodplain development					
Describe:					
Threat of impact to resources					
8-10 - immediate threat to NPS resources		Score			
4-7 - Potential future impact to NPs resources					
0-3 - No potential imapct identified					
Describe:					
Page 1 Score_____					

Stream Restoration Site - Field Assessment Form - Page 2

Site ID: _____		Page 1 Score: _____
Restoration Site Rating		
Surrounding vegetation		
8-10 -herbaceous cover (non-wetland)		<u>Score</u>
4-7 -scrub-shrub cover (non-wetland)		
0-3 - Mostly forested and/or wetland		
Describe:		
Land Use		
8-10 - Agricultural or open space		<u>Score</u>
4-7 -marginal pasture / old field		
0-3 - Developed / forested		
Describe:		
Oppurtunity for Ecological Lift		
8-10 -Conditios exist for several aspects of lift to be achieved		<u>Score</u>
4-7 - lift limited to one or few aspects		
0-3 - lift is difficult to be achieved		
Describe:		
Ease of Access		
8-10 - Yes (with <u>existing</u> direct vehicular access to potential site)		<u>Score</u>
4-7 - limited (open but no road, limited disturbance required)		
0-3 - No (no vehicular access, clearing disturbance needed)		
Describe:		
Surrounding land use		
8-10 -undisturbed - low likelyhood for future imapacts		<u>Score</u>
4-7 -minor potential impacts(minor invasives, little disturbance)		
0-3 - High SWM influence, developed, major invasive concern		
Describe:		
Site Rating Notes:		Page 2 Score _____
		Total Score _____/100
<u>Potential Restoration Oppurtunities:</u>		
Invasive Species Control	Yes / No	
Riparian buffer enhancement	Yes / No	
Restore natural Hydrology	Yes / No	
Livestock/agricultural exclusion	Yes / No	
Fish passage	Yes / No	
Channel restoration	Yes / No	
Increase Asthetic or educational value	Yes / No	
Other	Yes / No	
Describe:		