

PROJECT:		DATE: ____/____/____		ASSESSED BY:	
SUBWATERSHED:			PHOTO ID (Camera-Pic#): ____/#		
USA RCH ID:	START LAT ____° ____' ____" LONG ____° ____' ____" LMK ____		CONCEPT NO:		
	END LAT ____° ____' ____" LONG ____° ____' ____" LMK ____				
INDEX OF USA FORMS		AVERAGE REACH DIMENSIONS (from RCH)			
OT: TR:		BANK OF CONCERN <input type="checkbox"/> LT <input type="checkbox"/> RT <input type="checkbox"/> Both		Avg bankfull height ____ft	
ER: SC:		Length LT ____ft RT ____ft		Avg bottom width ____ft	
IB: CM:		Avg Bank Ht LT ____ft RT ____ft		Avg top width ____ft	
UT: RCH:		Avg Bank Angle LT ____° RT ____°		Avg wetted width ____ft	
Land ownership <input type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Don't Know <input type="checkbox"/> Other:					
Available riparian corridor <input type="checkbox"/> ≤25 ft <input type="checkbox"/> 26 - 50 ft <input type="checkbox"/> 51-75ft <input type="checkbox"/> 76-100ft <input type="checkbox"/> >100ft					
CORRIDOR VEGETATION		<input type="checkbox"/> Mature wooded <input type="checkbox"/> Scrub/shrub <input type="checkbox"/> Grass or turf <input type="checkbox"/> Other:			
Degradation severity	Adjusted channel: Grade and width fairly stable, with relatively isolated of bank erosion; and poor instream habitat conditions.		Past downcutting evident, active stream widening, banks actively eroding at a moderate rate.		Active Downcutting: Tall unstable banks on both sides of the stream eroding at a fast rate; erosion contributing significant sediment loads to stream.
	5 4 3 2 1				
Upstream/Downstream condition	Upstream and downstream reaches assessed as good or fair.		Either upstream or downstream reach assessed as poor with other assessed as fair/good.		Both upstream and downstream reaches assessed as poor.
	5 4 3 2 1				
Construction access to stream	Good: Open area in public ownership, sufficient room to stockpile materials, easy stream channel access for heavy equipment using existing roads or trails.		Fair: Forested or developed area adjacent to stream. Access requires tree removal or impact to landscaped areas. Stockpile areas small or distant from stream.		Difficult: Must cross wetland, steep slope, or other sensitive areas to access stream, Minimal stockpile areas and/or located a great distance from stream section. Specialized heavy equipment required
	5 4 3 2 1				
Infrastructure constraints	Sewers or other infrastructure are not present in the project reach corridor		Sewers, other utilities or structures are present in the project reach corridor any may constrain project design		Presence of sewers and other infrastructure will greatly impact project design and may require expensive relocation.
	5 4 3 2 1				
Restoration Outcome Potential	Repair expected to restore stable, vegetated streambanks using mostly soft stabilization practices, reconnect floodplain, and significantly improve habitat		Repair expected to restore streambank stability with a mix of rigid and soft streambank stabilization practices, and moderately improve stream habitat conditions		Restoration will structurally maintain stable streambanks using predominately hard streambank protection practices, maintain existing sediment transport regime, little habitat improvement
	5 4 3 2 1				
Upstream land use	Older (30-40+ yrs), well-established neighborhoods or commercial areas. Little or no new development expected		A mix of older (30-40+ yrs) development and newer (<10-20 yrs) development. Some new development or redevelopment possible		Most of subwatershed has developed in last ten years, and significant future development is possible
	5 4 3 2 1				
Upstream retrofit potential	Upstream retrofits expected to significantly reduce stormwater flows to project reach		Upstream stormwater retrofits expected to produce only marginal reductions in stormwater flows and pollutant loads		No upstream retrofit opportunities exist, existing hydrology will not be improved
	5 4 3 2 1				
Scope of planned stream repair	Comprehensive: major change in planform, grade, or cross-section of channel, many practices		Moderate: Combination of individual stream repair practices, but only minor changes in channel dimensions		Simple: use of a few stream repair practices to address a problem at a defined point
	5 4 3 2 1				

<p>Concept Sketch: Plan View of stream with approximate locations of stream repair practices</p>	<p>PROPOSED STREAM REPAIR PRACTICES</p> <p><input type="checkbox"/> A. Rigid Bank stabilization _____ linear feet</p> <p><input type="checkbox"/> B. Soft bank stabilization _____ linear feet</p> <p><input type="checkbox"/> C. Flow deflection _____ # of structures</p> <p><input type="checkbox"/> D. Grade control _____ # of structures</p> <p><input type="checkbox"/> E. Habitat structures _____ # of structures</p> <p><input type="checkbox"/> F. Flow diversion _____ # of structures</p> <p><input type="checkbox"/> G. Fish passage _____ # of structures</p> <p><input type="checkbox"/> H. Comprehensive _____ linear feet</p> <p><input type="checkbox"/> I. Other:</p>
	<p>Planning Level Cost Estimate</p>
<p>Comments on Project Design (include any special supplemental design studies or permits needed)</p>	