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**OVERALL RATING (Please print/save this screen for your records)**

<b>Foundational Outcomes</b>	
1) <b>Hydrology</b> - study of the movement, distribution, and quality of water.	
2) <b>Hydraulics</b> - Hydraulics dealing with free surface flow, such as occurring in rivers, canals, lakes, estuaries and seas.	
3) <b>Fluvial Geomorphology</b> - science devoted to understanding rivers, both in their natural setting as well as how they respond to human-induced changes in a watershed.	
4) <b>Sediment Transport</b> - the movement of sediment, typically due to a combination of gravity acting on the sediment and the movement of fluid.	
5) <b>Stream Ecology</b> - System including biotic interactions amongst plants, animals and micro-organisms, as well as abiotic physical and chemical interactions.	
6) <b>Habitat Structure and Function</b> - Arrangement of physical structures that support plant and animal communities. Range of services provided to an organism.	
7) <b>Fish Biology</b> - knowledge on the biology, ecology population dynamics of species.	
8) <b>Plant Ecology and Riparian Dynamics</b> - Distribution and abundance of plants, the effects of environmental factors, and interactions among and between plants and other organisms.	
<b>Technical Outcomes</b>	
9) <b>Surveying/Hydrometry</b> - determining the 3D position of points and distances/angles. Monitoring components of the hydrological cycle including rainfall, groundwater characteristics, as well as water quality and flow.	
10) <b>Watershed Analysis</b> - analysis of hydrology, mass wasting, surface erosion, stream channel, riparian function, fish habitat, causal mechanisms, and prescriptions.	
11) <b>Geomorphic and Habitat Assessment</b> - analysis of channel adjustment to determine the departure of the stream's existing conditions. Evaluation of structure of habitat that influences the quality and condition of aquatic community.	
12) <b>Biomonitoring/Bioassessment</b> - use of biological responses to assess stream changes. Evaluation using biological surveys and other direct measurements of resident biota.	
13) <b>Alternatives Analysis</b> - analysis of alternative approaches to address the performance objectives of an investment.	
14) <b>Analytical Techniques</b> - tool that combines the power of the Scientific Method with the use of formal process to solve any type of stream restoration problem.	
15) <b>Restoration Design</b> - creation of a plan or convention for stream ecosystem rehabilitation.	
16) <b>Uncertainty and Risk</b> - state of having limited knowledge where it is impossible to exactly describe the existing state, a future outcome, or more than one possible outcome. Potential of losing something of value, weighed against the potential to gain something of value.	
<b>Professional Outcomes</b>	
17) <b>Project Development</b> - process and activity of planning, organizing, motivating, and controlling resources to achieve specific goals.	
18) <b>Restoration Policy (codes and regulations)</b> - uniform rules, conditions, and procedures for the application for and the issuance, denial, suspension, revocation, and general administration of all stream restoration permits.	
19) <b>Communication and Information Management</b> - systematic planning, implementing, monitoring, and revision of all the channels of communication within an organization, and between organizations.	
20) <b>Construction Inspection</b> - ensure a project's compliance with its specifications and statutory requirements.	
21) <b>Professional and Ethical Responsibility</b> - Legal and moral duty of a professional to apply his or her knowledge in ways that benefit his or her client, and the wider society, without causing any injury to either.	

**Key: Your Responses to this Self-Assessment Indicate:**

	No Level of Skill Competency with the Outcome <b>(does not meet SR-BOK Standard)</b>
	Minimum Level of Skill Competency with the Outcome <b>(Partial Fulfillment of SR-BOK Outcome)</b>
	Service Competency with this Outcome <b>(Fulfills the Requirements of the SR-BOK for this Outcome)</b>
	Skill Mastery with this Outcome <b>(Exceeds Requirement of the SR-BOK for the Outcome)</b>