

LONG ISLAND
**WATER QUALITY
CHALLENGE**

Scoring Rubric 2027

School:

Total Score:

Grade:

Category	Excellent 16-20	Accomplished 10-15	Acceptable 0-9	Score
Problem Statement and Water Quality Understanding	Clearly and accurately explains the cause of the stormwater/flooding problem, identifies and understands the pollutant(s), demonstrates strong understanding of the water quality impact and why it matters.	Clearly identifies the cause of stormwater/flooding problem with an accurate explanation of the impact of the water quality. Has a good understanding of the pollutants at the site.	Identifies the problem but the causes, pollutants or water quality impacts lack detail or inaccurate.	
	Excellent 16-20	Accomplished 10-15	Acceptable 0-9	
Site Selection and Existing Conditions	Site is well chosen and thoroughly analyzed. Clearly explains existing conditions, infrastructure, pollutant movement and where it flows, and includes clear, labeled “before” visual.	Site is appropriate and most existing conditions and pollutant movement are explained. Includes an adequate labeled “before” visual.	Basic site information is provided, but analysis of infrastructure and pollutant movement is incomplete.	
	Excellent 16-20	Accomplished 10-15	Acceptable 0-9	
Proposed Solution	Detailed, well-developed green infrastructure redesign or innovation. Clearly explains how it works, how it tackles the problem, materials needed, incorporates measurements/calculations where	Solution is explained well with sufficient design details, incorporating how it tackles the problem, how it works, and evidence to support it. Includes an adequate “after” visual.	Solution addresses the problem but lacks sufficient detail, explanation, or design support.	

	appropriate. Includes a clearly labeled “after” visual.			
	Excellent 16-20	Accomplished 10-15	Acceptable 0-9	
Expected Impact	Clearly explains significant and realistic water quality, environmental/ecological/long term sustainability and community benefits of the proposed solution. Includes educational/outreach component.	Identifies realistic benefits and addresses the water quality and environmental impacts. Provides a reasonable explanation for evaluating the impact.	Identifies general indicators of success but lacks specifics.	
	Excellent 4-5	Accomplished 2-3	Acceptable 0-1	
LIWP Alignment	Clear demonstration of how the project supports LIWP goals.	Adequate alignment of LIWP initiatives as it relates to the project.	Makes a general connection but lacking supporting information.	
	Excellent 4-5	Accomplished 2-3	Acceptable 0-1	
Conclusion	Connects the specific site problem to the proposed design, leaving the reader with a clear takeaway of how the solution works.	It presents an adequate summary of the site and project.	Fails to leave the reader with a clear message about the project.	
	Excellent 8-10	Accomplished 5-7	Acceptable 0-4	
Creativity and Innovation	Demonstrates creativity and thoughtful site-specific problem solving to improve water quality and decrease pollutants at the existing site. Includes significant visuals.	Provides adequate creativity and problem-solving for the existing site. Shows adequate visuals.	Uses a more basic approach with little consideration of the actual site. Visuals lacking.	
	Excellent 4-5	Accomplished 2-3	Acceptable 0-1	

References and Other Notes	Strong scientific research from multiple forms of Long Island specific, or regionally relevant evidence to support design decisions and conclusions. Proper citation of scientific information and labeling. Content is edited for spelling and grammar.	Appropriate research and evidence cited that generally support the project. Minimal information relevant to Long Island. Sources are properly formatted. Content is edited for spelling and grammar with minimal errors.	Some research included but Long Island and/or regional connections limited. Sources not properly formatted. Content is not edited for spelling and grammar.	
Total:				
Notes:				