

Assessment Rubric for Design Proposal

	Criteria	3	2	1
Introduction	Briefly introduces the water quality problem at hand and summarizes the proposed solution	Clearly evident	Moderately evident	Minimally evident
Objective	Outlines the goal and scope of the proposed solution, including constraints and limitations	Clearly evident	Moderately evident	Minimally evident
Design Strategy	Describes how the proposed solution will achieve the objectives. Explains the science behind the proposed solution, and provides detail on why the proposed solution is the best one	Clearly evident	Moderately evident	Minimally evident
Plan of Action	Describes the steps to be taken in implementing the solution	Clearly evident	Moderately evident	Minimally evident
Verification Plan	Presents a plan for ensuring that the proposed solution is working in the way it was intended	Clearly evident	Moderately evident	Minimally evident
Predicted Cost and Schedule	Provides estimates for the cost and timeline for implementing the solution	Clearly evident	Moderately evident	Minimally evident
Technical Drawing	Includes a technical drawing of the prototype solution that is based on research, drawn to scale and identifies each component of the proposed solution	Clearly evident	Moderately evident	Minimally evident
Statement of Contribution of Each Team Member:	Describes how each team member contributed to the development and selection of the proposed solution and the creation of the design proposal	Clearly evident	Moderately evident	Minimally evident