Testing The Water Lab Assessment (Total: 20 Points)

Category	Excellent (5 pts)	Proficient (4 pts)	Developing (2–3 pts)	Needs Improvement (0–1 pt)
Lab Procedure & Safety	Followed all lab steps accurately; used PPE and handled materials properly throughout.	Followed most lab steps and used PPE with minor reminders.	Missed some steps or needed frequent redirection; inconsistent with safety.	Did not follow procedure; unsafe handling or use of materials.
Data Collection & Accuracy	All data recorded clearly, accurately, and in correct units; samples labeled.	Most data recorded accurately; minor errors present.	Data recorded but with inconsistencies, missing units, or partial completion.	Major data missing, inaccurate, or not recorded.
Analysis & Interpretation	Strong evidence-based reasoning; ranked samples correctly and justified with data.	Reasonable analysis; rankings mostly accurate with some supporting evidence.	Limited or flawed analysis; weak or vague justifications.	No meaningful analysis or incorrect conclusions.
CER Writing (Claim-Evidence-Reasoning)	Clear claim supported by strong evidence and scientific reasoning from lab data.	Claim mostly supported by evidence and basic reasoning.	Claim present but lacks clear evidence or scientific explanation.	Incomplete or unclear claim; no evidence or reasoning provided.
Bonus Extension Activity (5th Water Sample)			Successfully tested and analyzed an optional 5th sample. Add up to **2 points** for thoughtful completion and integration.	