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*Republican River Research Analyzing Aquatic Health*

The purpose of this project was to analyze the water quality of the Republican River watershed. Temperature, pH, chlorine, hardness, and dissolved oxygen levels were measured and compared to levels ideal for aquatic life. The researcher hypothesizes that the Republican River will be ideal for aquatic life, or very close to ideal. Overall procedures will involve collecting water and using the water ecology kit and/or Logger Pro application on a laptop to test the water quality. After many tests, the researcher has concluded that the Republican River is adequate for aquatic life and the hypothesis has been accepted.