

ATTACHMENT 4

SOP-5224-4

Spring Sampling Approach and Consideration Guidelines

Records Use Only



Sampling Site Characteristic	Approach	Considerations
Spring with clearly established sampling locations	Sample at established locations	None
Spring with clear discharge points and large flow of water	Select a sampling location at a point of discharge that will provide a representative sample	Ensure that the sampling location is not contaminated by surface materials or nearby surface water
Spring with low flow that issues along another water source (e.g., Rio Grande)	Select a sampling location that is NOT influenced by the other water source	Ensure the sampling location is not contaminated by nearby surface water. Typically, this means a relatively strong flow is present at least 1 foot above the level of the other water source. If it is not possible to collect a sample from the spring that is not mixed with another source, do not collect the sample
Spring with low flow rate that discharges over a large area but water is not more than 1 inch deep	Select a location near the discharge point where the water is at its deepest and where a low turbidity sample can be collected	Ensure that the sampling location is not contaminated by surface materials of nearby surface water.