



Chemical Monitoring Streamside Cheatsheet

Chemical Test	How?
Dissolved Oxygen (kit)	<ol style="list-style-type: none"> 1. Wade in, rinse cup 3 times downstream 2. Sample upstream, fill cup to 25ml line 3. Snap tip of ampoule in sample, mix back and forth 4. Read result after 2 minutes
pH	<ol style="list-style-type: none"> 1. Wade in, dip strip upstream 1 sec 2. Read result in 15 secs
Chloride	<ol style="list-style-type: none"> 1. Wade in, rinse cup 3 times downstream 2. Sample upstream, fill cup to 1 inch 3. Place strip upright in cup (top MUST be out of water) 4. Read result of the white peak when yellow line turns dark/black (~5 mins)
Phosphate (kit)	<ol style="list-style-type: none"> 1. Wade in, rinse cup 3 times downstream 2. Sample upstream, fill cup to 25ml line 3. Add 2 drops activator solution & mix 4. Snap tip of ampoule in sample, mix back and forth 5. Read result after 2 minutes
Nitrate-Nitrite	<ol style="list-style-type: none"> 1. Wade in, dip strip upstream 1 sec 2. Read result PADS UP! in 30 secs Estimate TOP Nitrate pad color reading
Transparency/ Turbidity	<ol style="list-style-type: none"> 1. Wade in and sample upstream to the top 2. Release water until you see the Black/White pattern
Air Temp	<ol style="list-style-type: none"> 1. Wait 2 mins (before water temp) 2. Record result in Notes
Water Temp	<ol style="list-style-type: none"> 1. Wade in, wait 2 mins

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