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NC Stream Watch

NC Stream Watch is a fun way to stay connected to your neighborhood waterways *and* practice scientific methods with friends and family! You can also share your data on the NC Stream Watch statewide map; just search "NC Stream Watch" in your browser and link to NC DEQ's page. Need help? Contact Stormwater SMART at stormwatersmart@ptrc.org.

Stream Watcher's Name or Group Name:



ocation:	Date/Time of Observation	on:		
Name of stream (or tributary of what larger stream?) : 🧚	Days since last rain:	Today	1-2 days	3+ days



Take a look around from where you stand. How much trash or litter can you see? (Base your answer on your own experience of city and county parks.)

Clean	Moderat	:€
Sparse	Heavy	

"Habitat'	' is a fancy word for shelter. How much
cover do	you see on bottom of the channel for
critters to	hide in? Look for submerged roots,
	nd vegetative debris, rocks, and leaf
packs (de	ecomposing leaves clumped together).

Lots of cover on channel bottom

Some cover on channel bottom

Little to no cover on channel bottom

Cobble stones are easy for larvae and nymphs to hide under. Are there an abundance of cobbles?

Lots of cobbles

Some cobbles

Little to no cobbles

More sand/sediment AND no cobbles



What plants and critters do you see? What other signs of life? (Tracks, nests, burrows, etc.)





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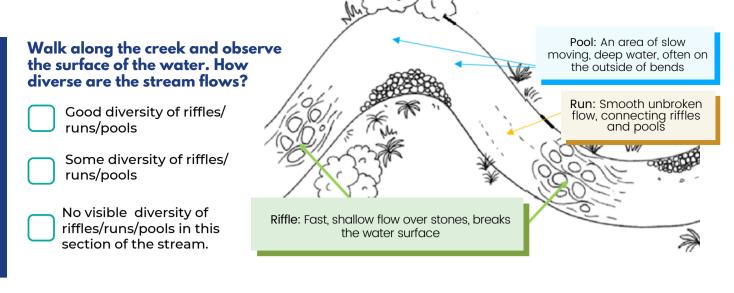
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Deep plant roots help stabilize the bank. If there is a lot of exposed soil or sediment, that is a sign of erosion and instability. On the slope, do you see lots of vegetation, lots of erosion, or something in between? Lots of vegetation, little to no exposed soil or sediment

- Some vegetation in spots, some exposed soil or sediment
- Sparse or no vegetation on stream banks, lots of exposed soil or sediment

A good buffer area includes diverse vegetation at least three stream widths on each side of the stream. Take a look at both sides; what do you see?

- Lots of buffer vegetation on both sides of stream
- Some buffer vegetation on parts of the stream
 - Little to no buffer vegetation on either side of the stream





Conveyances are sources of stormwater into a stream. These are usually human-made structures that consolidate water flow. These are important to find because they give clues for how a stream can be impacted by humans. What kind of conveyances do you see?











Water	Quantity:	How	much	water	is i	n	the
convey	ance?						

Flowing	Wet	Dry
,	,	,

Surrounding Land Use: How are humans using the land around this section of the stream? Select all that apply.

Roa Tran	ds/ sportat	ion

Agriculture
Forest

	Harvesting
l J	Industrial

Wildlife	Protection

Residential/ Neighborhood
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School Campu
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Parking	Lot
Other	