



# Field Sampling Form 2020

South Chittenden River Watch, LaRosa Project Code 012-14

Sampling date \_\_\_\_\_ Air Temperature \_\_\_\_\_ Lab Sample ID (see bottle, first 7 numbers) \_\_\_\_\_

Total hours spent by sampling group (includes total hours for each group member, including prep and driving time) \_\_\_\_\_

Sampling group names (circle the team leader) \_\_\_\_\_

Field Notes (any sampling problems or land use observations such as manure spreading, beaver activity, new gullies, muddy ditches, cover crops, etc.) \_\_\_\_\_

Current weather conditions (circle one or more): Clear Dry Scattered Clouds Light Overcast Heavy Overcast Rain (Light / Med. / Heavy)

24-hr. weather history (circle one or more): Clear Dry Scattered Clouds Light Overcast Heavy Overcast Rain (Light / Med. / Heavy)

**Flow category:**

- \_\_\_ Base Flow is not rising or falling due to a weather event. Base flow can occur during low or moderate flows.
- \_\_\_ Freshet Flow is actively rising or falling in response to a recent weather event or snow melt.

**Flow level:**

- \_\_\_ Low The flow of water in a stream during a stretch of dry weather. The streambed is partially dry with channel bars exposed. It is possible to walk along its edge.
- \_\_\_ Moderate Approximately 90-100% of the stream bed is under water. Streambed will be almost full, but not up to the “top of bank” or the sharp incline of the stream bank.
- \_\_\_ High Stream is full from bank to bank (“bankfull flows”), but is neither over its banks nor spilling onto the floodplain along most of the sampling area.
- \_\_\_ Flood Water levels exceed bankfull elevation and is spreading to the floodplain, if a well-defined floodplain exists.

SCRW Sample Station ID and stream location (see bottle)	Time (matches the time on your label)	River temp. (°C)	Parameters sampled Add checkmark next to all you collected and delivered to the drop off location. Use a separate line for duplicates (DUP).		
			___ TP (Total phosphorus) ___ TN ___ TSS (Total suspended solids) ___ Chloride	___ DP (Dissolved phosphorous) ___ NOx (Nitrate + Nitrite) ___ Turbidity ___ E. coli	___ NH3 Ammonia ___ Alkalinity ___ Lab Duplicate TP
			___ TP (Total phosphorus) ___ TN ___ TSS (Total suspended solids) ___ Chloride	___ DP (Dissolved phosphorous) ___ NOx (Nitrate + Nitrite) ___ Turbidity ___ E. coli	___ NH3 Ammonia ___ Alkalinity ___ Lab Duplicate TP
			___ TP (Total phosphorus) ___ TN ___ TSS (Total suspended solids) ___ Chloride	___ DP (Dissolved phosphorous) ___ NOx (Nitrate + Nitrite) ___ Turbidity ___ E. coli	___ NH3 Ammonia ___ Alkalinity ___ Lab Duplicate TP
			___ TP (Total phosphorus) ___ TN ___ TSS (Total suspended solids) ___ Chloride	___ DP (Dissolved phosphorous) ___ NOx (Nitrate + Nitrite) ___ Turbidity ___ E. coli	___ NH3 Ammonia ___ Alkalinity ___ Lab Duplicate TP
			___ TP (Total phosphorus) ___ TN ___ TSS (Total suspended solids) ___ Chloride	___ DP (Dissolved phosphorous) ___ NOx (Nitrate + Nitrite) ___ Turbidity ___ E. coli	___ NH3 Ammonia ___ Alkalinity ___ Lab Duplicate TP

- Blanks (BLK) are filled with DI water from the lab and should have their own line entry.
- Write date and time on all bottles in ball point pen before sampling and be sure they match what is entered on this form.
- If you have a Lab DUP bottle, please write the site location, date and time on the bottle (leave the Lab Sample ID# blank).

**STOP!** Before you leave the sampling site, make sure ALL sample bottles have been filled and labeled.