

**Illinois Environmental Protection Agency
Bureau of Land
Groundwater Monitoring Codes for
Electronic Reporting of Groundwater Data**

Unable to Collect Sample Table

- A. Sampling Equipment Malfunction.
- B. Monitoring Point Could Not Be Located.
- C. Area Flooded - Could Not Get to Monitor Point.
- D. Stream Dry.
- E. Stream Frozen.
- F. Pond Dry.
- G. Pond Frozen.
- H. Well Not Yet Installed.
- I. Well Dry.
- J. Well Damaged or Destroyed.
- K. Well Obstructed.
- L. Well Silted In.
- X. None of the Above, See Collector Comment Section for Reason Unable to Collect Sample.

Monitor Point Sampled By Table

- 1. Bailer Not Otherwise Indicated Below. Specify on Form.
- 2. Pump Not Otherwise Indicated Below. Specify on Form.
- 3. Other. Sampling Method Not Specified Below. Specify on Form.
 - A. Bailer -- Teflon.
 - B. Bailer -- PVC.
 - C. Bailer -- Plastic Other than Above. Specify on Form. **(Also see S and T)**
 - ~~D. Bailer -- Galvanized. (Not recommended)~~
 - ~~E. Bailer -- Copper. (Not recommended)~~

- F. Bailer -- Stainless Steel
- G. Bailer -- Metal Other Than Above. Specify on Form.
- H. Pump -- Suction Lift (i.e., peristaltic, surface centrifugal and vacuum pumps).
- I. Pump -- Submersible (i.e., centrifugal submersible, gear drive and helical rotor (progressing cavity pumps)).
- J. Pump -- Air Lift (i.e., air-drive).
- K. Pump -- Gas Lift (i.e., gas-displacement, gas-drive).
- L. Pump -- Squeeze or Bladder (**Also see U and V**)
- M. Grab -- Using a Dipper.
- N. Grab -- Using a Weighted Bottle.
- O. Grab -- Using Sample Bottle.
- P. Grab -- Glass "Thieving" Tube.
- Q. Grab -- Other than Above. Specify on Form.
- R. Tap off a Distribution Line.
- S. Bailer -- Disposable polyethylene
- T. Bailer -- Disposable Teflon
- U. Pump -- Piston
- V. Handpump - "Waterra"

Remarks Table

- Negative Value
- A Well Does Not Allow Access to Measure Depth to Water or Total Depth.
- B Field Measuring Equipment Breakdown or Malfunction.
- C Value Reported is Larger than Spaces Provided, See Lab Comment Section for Value.
- D Value was Calculated, or Estimated.
- E Sample Bottle Broken in Transit to Lab.
- F Sample not Properly Preserved for This Constituent.

- G Sample was Discarded Before Constituent was Analyzed For.
- H Lab Accident, Sample Lost.
- I Not Enough Sample to Analyze for Constituent.
- J Sample Interference, Could Not Analyze for Constituent.
- K Presence of Constituent Verified but Not Qualified.
- L Sample Analyzed but Analysis Lost.
- M Sample Lost.
- N. Dilution Factor of Two (2)
- O. Dilution Factor of Five (5)
- P. Dilution Factor of Ten (10)
- Q. Dilution Factor other than above. Specify the dilution factor in the Lab Comments Field. For example: Q = 25.
- R. Dilution Factor of Twenty (20).
- S. Dilution Factor of Fifty (50).
- T. Dilution Factor of One Hundred (100).
- U Indicates Constituent was Analyzed for but not Detected.
- X Remark not Listed Above, See Lab Comment Section or Collector Comment Section.

Replicate (column 36)

If replicate measurements are being made, column 36 (Replicate) must be completed. Each replicate is to be numbered in sequence, beginning with number 2. The first replicate is to be left blank (see below).

Example: For replicate measurements of Total Organic Carbon (TOC) would be listed as follows:

<u>Constituent</u>	<u>STORET Number</u>	<u>Replicate</u>
TORG C A S C MG/L	<u>00680</u> 30 34	— 36
TORG C A S C MG/L	<u>00680</u>	<u>2</u>
TORG C A S C MG/L	<u>00680</u>	<u>3</u>
TORG C A S C MG/L	<u>00680</u>	<u>4</u>