

Analytical Water Chemistry

SAMPLE COLLECTION

This panel includes analysis for seven metals: 1) lead, 2) copper, 3) calcium, 4) magnesium, 5) iron, 6) zinc, 7) manganese.

The sample volume is **≥100 mL** and should be collected as follows:

1. Use waterproof pen to label bottle with sample location, description, and date.
2. Open the sampling valve and flush for 60 seconds.
3. Collect cold sample for chemistry in the unpreserved sample bottle provided.
 - If sampling for other biological tests (e.g. *Legionella*), use the correct sample bottles provided and follow appropriate sampling instructions.
 - Sample bottles are sealed. If the bottle has been previously opened or used, discard the bottle and collect the sample in a new bottle.
 - To prevent contamination, avoid touching the inside of the bottle, the lid, sample valve, or outlet with hands.

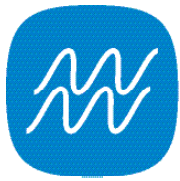
These procedures may not meet EPA sampling procedures for drinking water compliance and are provided only to assist with water management plan needs.

CHAIN OF CUSTODY

1. Log on to MySPL portal and click Start Chain of Custody under the Quick Links section.
2. Enter your information, and then click Save and Submit or Save as Draft. *Chains of Custody cannot be edited after submission.*
3. Add confirmation number from the confirmation screen (or email) to the box before shipping.

SHIPPING

1. Ship the same day samples are collected for receipt in laboratory.
2. Place bottles in box.
3. Write your confirmation number on your SPL label that shipped with your bottle order. Add the label to top of box (if no label, write the number on your box).



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SAMPLING AND SHIPPING

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4. Use the included return tape to seal your box for return shipping. Make an “H” with the tape by affixing tape evenly across the flaps and seams along the top of the box.

5. Ship overnight Monday–Thursday only to:
(Samples received on Saturday will not be processed.)

Special Pathogens Laboratory
1401 Forbes Ave., Suite 401
Pittsburgh, PA 15219

Questions? Contact SPL at 412-281-5335