eurofins | Environment Testing

Eurofins Drinking Water & Wastewater Northeast
41 Dayton Street
Danvers, MA 01923-1015
978-777-4442
DEP #M-MA123

CHAIN OF CUSTODY

Customer and Sample Information (Fill out this section completely — must be legible!)

NAME:		PHONE:	
ADDRESS:		EMAIL:	
SAMPLE DESCRIPTION (e.g., Kitchen sink, Exterior spigot):			
FIRST DRAW (if applicable)			
COLLECTED BY:	COLLECTION DATE:	COLLECTION TIME:	AM PM
PRIMARY SAMPLE / SECOND DRAW			
COLLECTED BY:	COLLECTION DATE:	COLLECTION TIME:	AM PM

☐ **Check here to receive reminders via email for recommended repeat testing.**

↓ LAB USE ONLY ↓

FIRST DRAW (if applicable)	**Lab ID:**		
ANALYSIS:	NOTES/ADDONS:	BOTTLE:	PRESERVATION:
☐ Pb ☐ Cu ☐ Fe		1 L Plastic	HNO3 at lab, pH < 2

PRIMARY SAMPLE / SECOND DRAW			**Lab ID:**		
ANALYSIS:			NOTES/ADDONS:	BOTTLE:	PRESERVATION:
☐ Standard	As, Ca, Cu, Fe, Pb, Mg, Mn, Na, Hardness			125 mL Plastic	HNO3 at lab, pH < 2
	pH, Alkalinity, Conductivity, Chloride, Fluoride, Nitrate, Nitrite, Sulfate			500 mL Plastic	4 °C
☐ Total Coliform P/A, E. coli P/A				120 mL Sterile Plastic	4 °C, Thiosulfate
☐ Radon				40 mL VOA	4 °C
☐ Two-Draw Metals	Second Draw:	☐ Pb ☐ Cu ☐ Fe		125 mL Plastic	HNO3 at lab, pH < 2
☐ Metals	As, Cu, Fe, Pb, Mn, Zn			125 mL Plastic	HNO3 at lab, pH < 2
☐ Title 5 (Typical)	Nitrate			125 mL Plastic	4 °C
	Ammonia			250 mL Plastic	4 °C, H2SO4 at lab, pH <2
	Fecal Coliform P/A			120 mL Sterile Plastic	4 °C, Thiosulfate
☐ Annual Minimum*	Nitrate, Nitrite			125 mL Plastic	4 °C
	*Also check off **Total Coliform P/A** above				
☐ Comprehensive**	As, Ca, Cu, Fe, K, Pb, Mg, Mn, Na, Hardness			125 mL Plastic	HNO3 at lab, pH < 2
	pH, Alkalinity, Conductivity, Color, Turbidity, Sediment, Chloride, Fluoride, Nitrate, Nitrite, Sulfate			500 mL Plastic	4 °C
	Free Residual Chlorine			500 mL Brown Plastic	4 °C
	Ammonia			250 mL Plastic	4 °C, H2SO4 at lab, pH <2
	Volatile Organics			2x 40 mL VOA	4 °C, Ascorbic, HCl, pH < 2
	Odor			1 L Amber Glass	4 °C
	Also check off **Total Coliform P/A and **Radon** above				

RELINQUISHED BY:	RELIQUISHED DATE:	RELINQUISHED TIME:	AM PM
RECEIVED BY:	RECEIVED DATE:	RECEIVED TIME:	AM PM

NOTES:

LAB USE ONLY
Cooler Temp:____
ICE / ICEPACK / NO ICE

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Residential Water Testing - Sampling Instructions

Read the following instructions carefully before sampling to ensure valid results. Follow all steps indicated by the check-boxes. Samples are accepted Monday-Thursday 7:00 AM-4:30 PM

Samples should typically be collected from the most frequently used cold water tap.

Label each container with date and time of collection, and fill out the chain-of-custody form.

Keep samples cool using ice packs and deliver to the lab as soon as possible to meet holding time requirements. This is especially important for bacterial testing. If planning to ship samples to the lab, please call us first.

❑**Metals (First-draw)**: Collect the sample after 8+ hours of not using any water in the house. This includes toilets, laundry, etc. Fill the 1,000 mL bottle to the shoulder and cap tightly.

❑**Metals (Flush):** Run the cold water for 2-3 minutes. Fill the translucent 125 mL bottle to the shoulder (Note: NOT the clear bottle with the plastic seal) and cap tightly.

❑**Standard Package:** Run the cold water for 2-3 minutes. Fill both the 500 mL bottle and the 125 mL bottle to the shoulder and cap tightly.

We CANNOT accept radon samples with bubbles or headspace

❑**Radon**:
1. Remove the faucet aerator and run the cold water for 2-3 minutes.
2. Reduce to a slow stream and fill the 40 mL vial until almost full.
3. Reduce flow further and continue to add water drop-wise until the liquid forms a curve above the top of the vial.
4. Carefully replace the cap and tighten. Do not over tighten.
5. Turn the vial over. Gently tap and look for air bubbles. If there are bubbles, return to step 3.

❑**Bacteria**: *Bacteria samples must be brought to the lab immediately after collection.*
1. Remove the aerator and clean the faucet with a weak bleach solution (3 tbsp/1 gal water). Submerge the mouth of the faucet in the solution for 1-2 minutes if possible.
2. Run the cold water for 2-3 minutes.
3. Wash your hands and remove the plastic seal from the clear, sterile 125 mL bottle.
4. Being careful to touch only the outside of the bottle, fill to above the 100 mL line and cap tightly.

❑**Ammonia and Nitrate**: Run the cold water for 2-3 minutes. Fill the translucent 250 mL and 125 mL bottles to the shoulder (Note: NOT the clear bottle with the plastic seal) and cap tightly.

Standard turnaround time is approximately 10 business days. Reports are delivered via email.