

POTABILITY - Chain of Custody / Basic Chem Service Request

Wyoming Analytical Laboratories, Inc.

Page ____ of ____

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Note: Results will only be furnished to the persons or businesses that appear on this chain of custody.
Copies will not be issued to a third party without written authorization.

Main Recipient Contact Information:		Other Recipient Contact Information:	
Name:		Name:	
Well Water or Surface Water?	New Well? Yes No	Company:	
Address:		Address:	
City,ST,Zip:		City,ST,Zip:	
Phone:	Fax:	Phone:	Fax:
Email:		Email:	
Results by: Email / Fax / No Report Needed		Results by: Email / Fax / No Report Needed	

Sampling Location: _____ <--- include address and faucet/spigot/wellhead etc.

Sampler's Signature: _____ Date/Time Sampled: _____

Analysis: (when submitted Monday through Thursday before 2pm *)

		Basic Level	ISO 17025 Compliant		
Group 1 (2 plastic bottles)	@	\$151	\$211	Human Consumption	= _____
Group 2 (2 plastic bottles)	@	\$122	\$171	Agriculture	= _____
Group 3 (1 plastic bottle)	@	\$99	\$139	Livestock	= _____
Coliform Bacteria** (Bottle with pill)	@	\$48	\$67	Present / Absent	= _____
Coliform Bacteria** (Bottle with pill)	@	\$60	\$84	MPN (Most Probable Num)	= _____
1 st & 2 nd Draw Lead/Copper	@	\$88	\$123		= _____
Lead / Copper (circle choices)	@	\$28	\$39		= _____
other	@	inquire	inquire		= _____

Amount Due = _____

Amount Paid = _____

Payment Method: Cash Credit CK# _____

Signature: _____ **Date:** _____

Explanation of Quality Levels

Basic Level

- * Methods of analysis are industry standard but methods are not stated on report.
- * Specific dates of analysis and analysts information is not provided on report.
- * Quality Control for each analytical method is used to validate the analysis but specific QC recoveries are not presented on report.
- * Overall quality and completeness of the analysis is evaluated using AWWA cation/anion balance. While this is not on report, WAL willing discusses these items if requested.
- * Data and reports are not guaranteed to be available beyond (3) years.

Please make copies of this form to accompany drinking water samples submitted to WAL for analysis.

Doc #243M- Rvsd 02/05/2021

Potability Sampling Instructions

US Military Veterans with a VA Loan:

As of January 2014, the VA requires samples to be collected by an uninterested party for the purchase or sale of a home under a VA loan. Neither you, your family, friend, neighbor, realtor, loan officer, nor title company are allowed to collect this sample. Please call WAL location of your preference to arrange for sample collection, or call your local well drilling company or building contractor.

Select a faucet or spigot that is connected directly to the well and does not pass through a water heater, filtration system, water softener, cistern or storage tank.

Before sampling, remove the aerator or screen from the faucet. Scrub to remove loose debris. If the faucet is metal, run a flame around the rim. If the faucet is plastic, sterilize with rubbing alcohol or a bleach/water solution. Let the water run for 2 to 3 minutes.

You have three bottles:

* **The small clear bottle** (which may contain powder or a small tablet) is for bacteriological testing and is sterile. **DO NOT open until ready to use. Once open, take care not to contaminate** the inside or the lid of the bottle, especially with your fingers. **Fill to the 100 mL line** (please pay attention to the lines on the bottle). Close immediately (more detailed instructions are on the next page).

* **Fill the second and third bottles to the neck.** Cap tightly.

Remember to mark all sample bottles with the date, time and location sampled.

Fill out the Chain of Custody form. Completed paperwork must accompany all samples. **We require payment at the time of service**, so please, include payment with your paperwork, or make arrangements at the time of submittal. Check should be made out to "Wyoming Analytical Laboratories, Inc."

Return samples to the laboratory as soon as possible. Accurate bacteriological results cannot be assured if a sample is more than 24 hours old when tested.

If you ship your samples, please, place all paperwork and payment in a plastic bag to help prevent damage in case of spills. Check that bottles are tightly capped. We recommend shipping via UPS ground in South-East Wyoming to assure timely delivery to the laboratory.

Wyoming Analytical Laboratories accepts water samples for chemical and coliform bacteria testing **from 8:00 am Monday through Thursday before 2:00 pm**. Water samples received on Friday are subject to additional cost. Refer to the bottom box for available rush charges. Standard turn-around-time is 5 working days.

Note: Lending Institutions that require potability testing generally request the "Group 1 Human Consumption" chemical tests and a Coliform Bacteria test. Some lenders require a Lead and Copper test, especially if the home was built before 1976. Check with your lender to see if either is needed.

* *An additional \$ 52.00 fee will be charged for samples brought in on an unscheduled day.*

** *Coliform samples require a sterilized container. Kits with instructions are available at no charge.*

STANDARD TURNAROUND TIME IS 5 WORKING DAYS

Non-Standard Turnaround Times: *Coliform samples cannot be analyzed on a same-day basis.*

1 working day - add 200%

2 working days - add 100%

3 working days - add 75%

4 working days - add 50%

Note: Acceptance of any sample requiring a turnaround time other than the standard is at the discretion of Wyoming Analytical Laboratories, Inc and is based on the work load of samples currently in-house.

	Method
Well Water Analysis	
Group 1 – Human Consumption includes Calcium, Iron, Magnesium, Sodium, Potassium, Hardness, Total Dissolved Solids, Conductivity, pH, Bicarbonate, Carbonate, Fluoride, Chloride, Nitrite, Nitrate, Sulfate	Various Methods
Group 2 – Agriculture includes Calcium, Magnesium, Sodium, Hardness, SAR calculation, Total Dissolved Solids, pH, Nitrate, Sulfate	Various Methods
Group 3 – Livestock includes Calcium, Magnesium, Sodium, Hardness, Total Dissolved Solids, pH, Nitrate, Sulfate	Various Methods
Recommended Baseline Analysis – Group 1, Surfactants, Oil & Grease	Various Methods
Surfactants by MBAS (colorimetric, methylene blue active substances)	SM5540C mod
Oil & Grease (n-Hexane extraction)	1664
TOC in Water – Total Organic Carbon (used as a post-Baseline check)	415.1
Copper, Potability	200.8
Lead, Potability	200.8
Lead & Copper, 1 st & 2 nd Draw	200.8
Group 1 Cations only – Calcium, Iron, Magnesium, Sodium, Potassium	200.7
Group 1 Anions only – Fluoride, Chloride, Nitrite, Nitrate, Sulfate	300.0
Group 1 Cation/Anion Balance (includes Group1 Cations/Anions & Alkalinity)	200.7, 300.0, 150.1
Conductivity (Specific Conductance)	SM2510-B / 120.1
Hardness – calculated (includes Calcium & Magnesium)	200.7
pH of Water	SM4500-H+B / 150.1
Bacteriological Analysis	Manufacturer
Total Coliform & <i>E. coli</i> , Pass/Fail	ReadyCult
Total Coliform & <i>E. coli</i> , MPN	Quanti-Tray
Heterotrophic Plate Count	IDEXX SimPlate
BART: Biological Activity Reaction Test	
APB – Acid Producing Bacteria	Droycon Bioconcepts
SFB – Slime Forming Bacteria	Droycon Bioconcepts
SRB – Sulfur Reducing Bacteria	Droycon Bioconcepts
IRB – Iron Reducing Bacteria	Droycon Bioconcepts
HAB – Heterotropic Aerobic Bacteria	Droycon Bioconcepts