



# Well-Safe Program

## Testing the Quality of Your Home Well Water

### Well-Safe I - \$150

#### Safeguard Against Major Health Risks

**Arsenic** is a highly toxic hazardous material, a suspected carcinogen, and a teratogen. Arsenic can occur naturally in drinking water supplies or may be released from ore deposits.

**Coliform** bacterium is an indicator of the presence of fecal contamination which can present a very serious health risk if ingested. The presence of Coliforms could signal a real threat to your drinking water supply.

**Nitrates** can be very dangerous, causing serious illness in infants. Excess Nitrates may be the result of runoff from fertilizers, a failing septic system, or inadequate separation between a septic system and the well.

### Well-Safe II - \$250

#### Evaluate Your Water Quality - Does Your System Need Treatment?

Contains all the tests performed for a *Well-Safe I* in addition to:

**Calcium and Magnesium** indicate **Hardness** which may produce scales on cookware and hot water-heating elements, and in pipes.

**Iron** may cause a metallic taste and stains in fixtures and on laundry. **Manganese** typically produces black stains.

**Langelier Index:** Calculated using **Alkalinity, pH, Calcium, and Total Dissolved Solids (TDS)**. This test indicates whether water has a tendency to be corrosive or to deposit mineral scales in pipes.

### Well-Safe III - \$295

#### Ensure Your Water Quality - How Effective is Your System?

Contains all the tests performed for a *Well-Safe I* and a *Well-Safe II* in addition to:

**Lead and Copper** are present in corrosive water. Copper at elevated levels is an irritant and may cause stomach distress. Lead interferes with many body processes and is toxic to organs.

**Sodium** is added when a water softener is used. High Sodium levels may be harmful to persons on sodium-restricted diets.

### Well-Safe IV - \$525

#### A Comprehensive Analysis of Your Drinking Water

Contains all the tests performed for a *Well-Safe I*, a *Well-Safe II*, and a *Well-Safe III* in addition to:

**Total Phosphorus** measures all the forms of phosphorus, including Phosphates in your water. A modest increase in Phosphorus can cause accelerated plant growth and algae blooms.

**Conductivity** in water is affected by the presence of inorganic dissolved solids such as Chloride, Phosphate, Sulfate, Aluminum, or Calcium. Discharges into a well can affect the conductivity of the water.

**Aluminum, Barium, Cadmium, Chromium, Potassium, Silicon, Silver, and Zinc**

#### FOUR LOCATIONS TO SERVE YOU

Thornton Laboratory  
12189 Pennsylvania Street  
Thornton, CO 80241  
303.469.8868

Anchorage Laboratory  
4307 Arctic Boulevard  
Anchorage, AK 99503  
907.258.2155

Fairbanks Laboratory  
475 Hall Street  
Fairbanks, AK 99701  
907.456.3116

Mat-Su Service Center  
701 E. Parks Highway #203  
Wasilla, AK 99654  
907.373.5440