

# soilSHOP & Private Well Water Testing

at the Boise Flower  
and Garden Show

- Have you ever had your soil screened for lead?
- Have you had your private well tested for contaminants?
- Test today free!

Learn if your soil or water is contaminated and how to reduce exposures and protect your family. Idaho Department of Health and Welfare and partner agencies will be on-site to provide education and answer any questions you may have.

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Friday, March 24, 2023, 10am-6pm  
Saturday, March 25, 2023, 10am-6pm  
Sunday, March 26, 2023, 11am-4pm

Boise Flower and  
Garden Show  
Boise Centre  
Boise, ID

Lead Soil Testing



Water Testing

## Lead Soil Testing

The community is encouraged to bring soil samples from their garden, child's play area, or other places where you may frequently recreate in a one-quart plastic bag (one sample per bag) and we will screen it for free.

## Water Testing

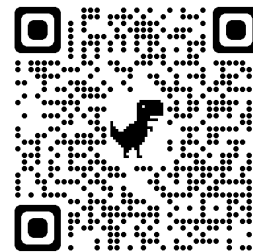
Bring a water sample of 24 oz. from your home faucet in a clean plastic container (or pick up bottles at the event) to test for fluoride, nitrate, arsenic, uranium, manganese, and lead.

Sample results will be posted on the Idaho Bureau of Laboratories [interactive ground water map](#). Details can be found on the [Environmental Health Website](#).

Improper sampling will result in inaccurate testing results.

Follow the detailed soil and water sampling instructions on our website at:

[Environmental Health | Idaho Department of Health and Welfare](#)



### Additional FREE handouts and resources include:

- Happy, Healthy, Lead-Free Me! Children's book discussing lead hazards
- Instant lead testing kits for paint and most surfaces
- Radon home tests

**Our partners will be there to share information on Childhood Lead, Radon, and Private Well Water.**



February 2023

# How to Collect Soil Samples

**Step 1:** Identify an area of interest for your soil sample.

**Step 2:** Collect Soil - For a large area, collect soil from 5-10 random spots in that area, and combine in a clean container. For a small area, collect soil from 3 random spots and combine in a clean container.

*(See table below for sampling depth per spot.)*

**Step 3:** Mix soil well in clean container.

**Step 4:** Remove pebbles, rocks, and roots, and air dry.

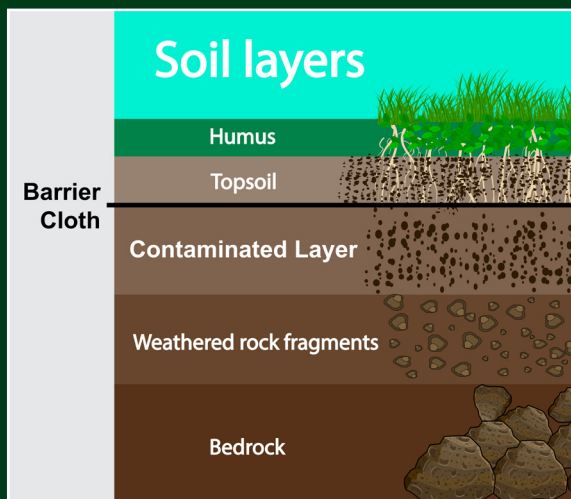
*Do not use a flame, oven or hairdryer to dry the soil!*

**Step 5:** Transfer 1-2 cups of the mixed soil into a clean one-quart Ziplock bag.

**Note:** For more than one sample, repeat steps 1-5.

Rinse your container between samples. Limit of 3 sample bags/person.

Do not dig below the barrier fabric.



Area of Interest	Sampling Depth for Each Random Spot (inches)
Garden Area	Collect all soil from the surface down to 6-8 inches deep
Play Area/non-garden area	Collect all soil from the surface down to 1-2 inches deep
Areas where they frequently recreate	Collect all soil from the surface down to 1-2 inches deep

**We encourage participants to bring in multiple soil samples to have them screened for lead. Please use separate bags for each sample.**