



MISSOURI DEPARTMENT OF  
**HEALTH &  
SENIOR SERVICES**

**PROTECTING HEALTH AND  
KEEPING PEOPLE SAFE**

# Bureau of Environmental Epidemiology

- The Health and Risk Assessment Program (HRAP)
- Missouri Radon Program
- Missouri Private Drinking Water Program
- WIIN - Water Infrastructure Improvements for the Nation Act
- GLOS - “Get the Lead Out of School Drinking Water Act”
- Lead Hazard Reduction Grant
- Childhood Lead Poisoning Prevention Program (CLPPP)





## Primary Functions

- **Health Assessment** - Public document used to identify possible harmful exposures and to recommend actions needed to protect public health.
- **Risk Assessment** - Technical document used in decision-making for site cleanups and other risk management strategies.

## Other Program Functions

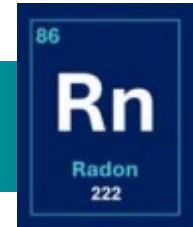
- Private Drinking Water Program
- Radon Program
- Choose Safe Places for Early Care and Education (CSPECE) Program
- Program Focus Areas
- Fish Advisory
- Environmental Emergencies and Other Emerging Issues
- Community Education and Outreach



## BEE – Health and Risk Assessment Program (HRAP)

Responsible for evaluating human exposure to hazardous substances in the environment and for making health-protective recommendations regarding actions needed.

## Radon Program



**Promotion of Community Awareness** – Increasing community awareness of radon. Engages in radon awareness projects, including courses, outreach events, and annual radon awareness campaigns across the state. The MDHSS radon website also provides access to radon health and testing information: [www.health.mo.gov/radon](http://www.health.mo.gov/radon).

**Free Radon Testing Resources** – The Program provides free short-term radon test kits for Missouri residents and free radon measurement services for school districts and government buildings. Free test kits can be requested on our website listed above.

**Testing Interpretation & Assistance** – For radon mitigation, Missouri residents are encouraged to use certified radon contractors, and the program promotes the implementation of radon-resistant new construction building codes and methods.



## Private Drinking Water Testing

**Promotion of Community Awareness** – Increasing community awareness of drinking water hazards, exposures, and related illness. Engages in awareness projects and outreach events. The MDHSS private drinking water website also provides access to private well and testing information:  
[www.health.mo.gov/private-drinking-water](http://www.health.mo.gov/private-drinking-water).

**Private Well Testing Resources** – Provide testing of private wells in the state as a public health service. DHSS provides bacterial and chemical testing for common contaminants.

**Testing Interpretation & Assistance** – Provide interpretation and assistance to well owners regarding their test results as well as recommendations for water treatment if needed.

**Private Well Testing Data Management** – Testing data is made available to the public on private well sampling maps:  
<https://health.mo.gov/living/environment/privatedrinkingwater/maps.php>.



# HRAP – Focus Areas

## Addressing Community Cancer Concerns and the Effects of Weather on Private Wells



1. Develop a mapping tool for Missouri to visualize environmental health indicator data.

1. Strengthen collaborations and response to community cancer concerns at sites

- Cancer Videos and Educational publications

<https://www.youtube.com/watch?v=7p5DFOoLjV4>

<https://www.youtube.com/watch?v=n2NwXN8z7To>

2. Provide education and resources to private well users for weather-related events

- Guidance document under review

- Factsheets on flooding and drought in private wells forthcoming

- Training for LPHAs

# HRAP Program

## Choose Safe Places for Early Care and Education (CSPECE)



CSPECE is a **voluntary** program designed to provide environmental evaluations for childcare facilities (serving 20 or more children) that are seeking new licensure.

The evaluation is intended to identify potential environmental risks based on property information provided by the applicant.

We review information to determine whether there is evidence harmful chemicals were used at or near the site and provide follow-up recommendations if concerns are identified.



MISSOURI DEPARTMENT OF  
**HEALTH &**  
SENIOR SERVICES

## WIIN GRANT: Lead Testing in Schools and Child Care Facilities

- **DHSS awarded Water Infrastructure Improvements for the Nation (WIIN) Grant from EPA**
- **Priority to elementary schools and childcare facilities**
  - **Children under 6 years of age**
  - **Low-income areas, 50% of children receiving free and/or reduced lunches**
  - **Age of building (constructed before 1996)**
- **Funding to assist in voluntary water testing for lead in drinking water**
  - **Covers sample test kits and sample analysis**
  - **\$400 per sample plan and \$5 per sample**

Contact Information:

Brittany Kreisler, Program Coordinator  
(573) 751-3928

[HealthyDrinkingWater@health.mo.gov](mailto:HealthyDrinkingWater@health.mo.gov)





MISSOURI DEPARTMENT OF  
**HEALTH &**  
SENIOR SERVICES

## Get the Lead Out of Schools Drinking Water Act – RSMo160.077

- **Signed into law 2022**
- **Requires schools to provide drinking water with a lead concentration level below 5 ppb before the 2023-2024 school year**
- **By August 1, 2024, all schools must:**
  - **Test all water outlets used for drinking and cooking**
  - **Make test results and remediation plans available to the public**
  - **Remediate all lead contamination before by August 2024**
  - **Report results to DHSS**
- **\$27 Million in American Rescue Plan Act (ARPA) funding was made available to reimburse school districts for testing, filtration, and remediation**

Contact Information:

Hillary Wakefield, Program Coordinator  
(573) 526-5215  
HealthyDrinkingWater@health.mo.gov

# Lead Hazard Reduction Program

- U.S. Housing and Urban Development (HUD); Lead Hazard Reduction-Capacity Building Grant
- Program under construction (Operational pilot by September of 2027)
- Goal is to create a program that provides:
  - Lead abatement services to qualifying residential units
  - Support for local agencies that wish to pursue and implement their own program
- Reduces lead exposure risk for current and all future occupants
- Seeking partnership with local entities to assist with recruitment of residential participants and local building contractors to perform lead abatement (training/licensing assistance available)

Contact Information:

D'Mitri Farthing (JR), Program Manager  
(573) 751-3867

[Dmitri.Farthing@health.mo.gov](mailto:Dmitri.Farthing@health.mo.gov)

# Childhood Lead Poisoning Prevention Program

- Population served: Children under age 6
- Services:
  - Nursing consultation and education
  - Case Management training
  - In-home Risk Assessments
  - Data collection and analysis
- Local Public Health Agency responsibilities:
  - Case management for children under age 6
  - Reporting of lead tests conducted at the LPHA
  - Education to providers/parents
- Additional information:
  - All lead tests are reportable to DHSS regardless of the results
  - Main contact: 573-751-6102 or [leadsafe@health.mo.gov](mailto:leadsafe@health.mo.gov)



