

# Children’s Environmental Health Initiative

## Year 1-2 Project Plan

### Mission

The New Hampshire Environmental Public Health Tracking (NH EPHT) Program will use a data-driven approach to identify areas for directed interventions to improve children’s environmental health. The Children’s Environmental Health Initiative (CEHI) year 1-2 work will focus on three main environmental health concerns: asthma triggers, lead exposure, and contaminants in well water. Proposed interventions for the primary target audiences—Community Health Workers, Home Visitors and Health Officers—include the production of a tailored environmental health resource guide and related trainings.

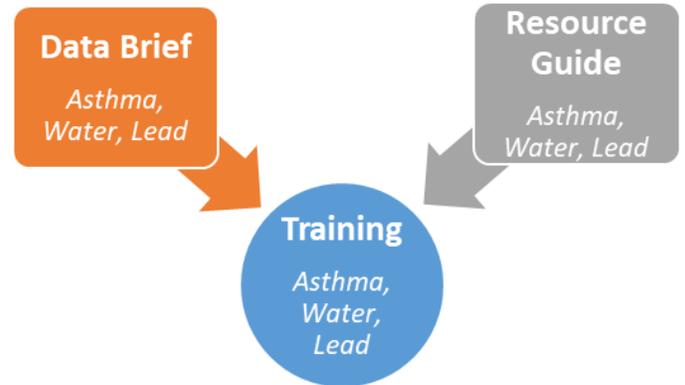
**Children’s Environmental Health Initiative**  
Protecting Children and Families Where They Live, Learn, Work, and Play



### Goals

- ◆ To identify and reduce potentially hazardous environmental exposures in the home for children from birth through age 18, one of our most vulnerable populations;
- ◆ To examine the extent to which overlapping risks exist throughout NH for three childhood environmental health concerns, asthma, lead exposure and contaminants in drinking water.

### Product Deliverables



### Pilot a One-Touch Approach

The Tracking Program will pilot a “one-touch” approach to environmental health for Community Health Workers, Home Visitors and Health Officers via the development of a resource guide and training that provides them with the information they need to have conversations about asthma triggers, lead exposure and safe drinking water with the families they serve during regular visits or meetings. This “one-touch” approach incorporates environmental health topics into regular wellness or healthy living visits with families rather than needing a separate, additional visit to cover this information.

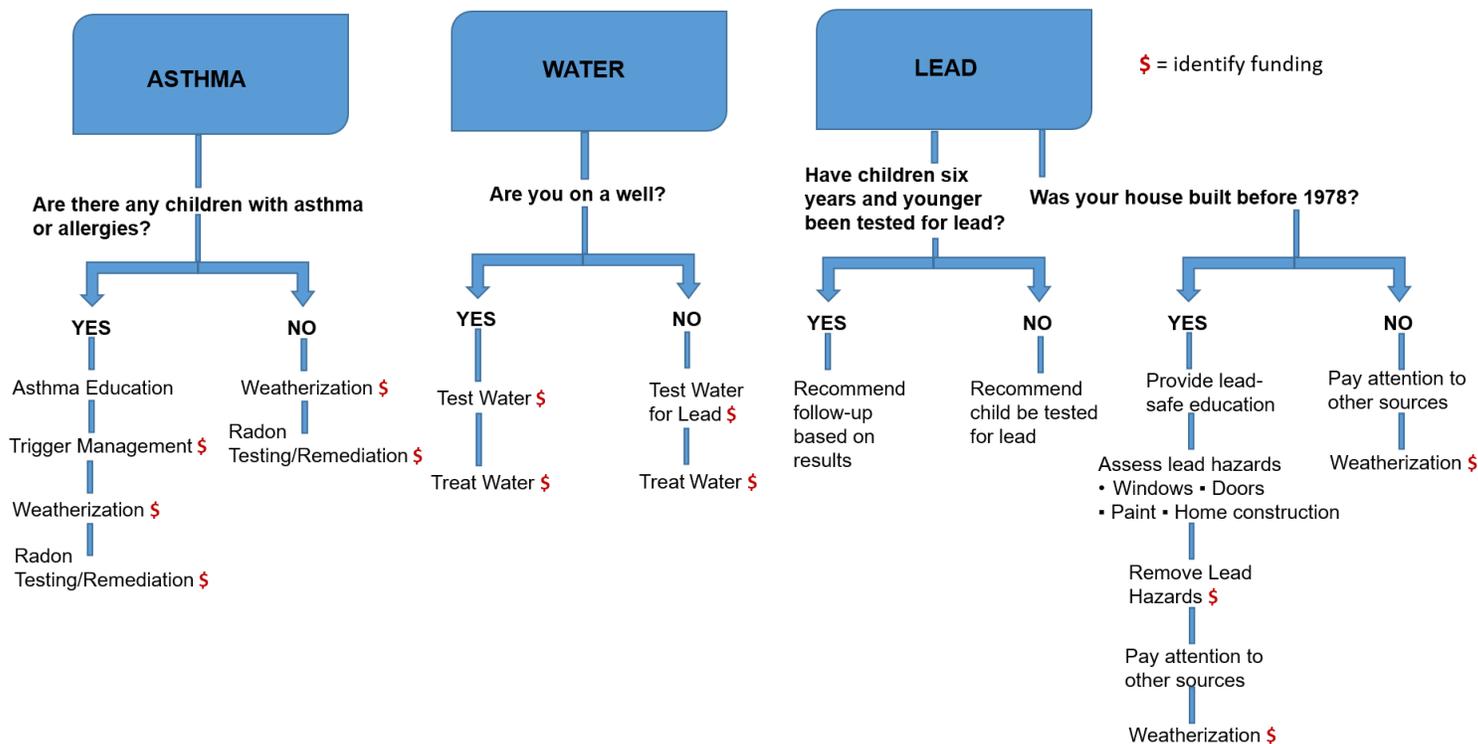
The data brief will provide the justification for these interventions by pulling together available data on environmental health risk for children within NH. This will include both geographic areas of risk and demographics of groups most at risk. It will also help identify potential targets for intervention based on the locations where the observed outcomes or predicted risk factors are highest.

### Ensure Funding

Working with a Project Advisory Team composed of partners from within the Division of Public Health Services at the NH Department of Health and Human Services (NH DHHS) as well as external partners representing our target audiences, we will work to provide a comprehensive resource and funding list to identify funding for exposure reduction actions that may be identified, including environmental health supplies, direct interventions, testing or remediation.

# Use a Decision Tree Approach to One-Touch Screening

## Example of a Decision Tree process for conversations with families



## Project Summary

The Children's Environmental Health Initiative will use a holistic approach to address environmental health issues for children in New Hampshire who are the most vulnerable to asthma, lead exposure and contaminants in drinking water. Phase 1 of this project will result in a data brief to identify both geographic areas and demographics of those most at risk. The creation of a resource guide and online training will educate individuals who work in community health, so that they may provide resources to families to reduce exposure and disease occurrence.

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