

# Weatherization Scenario – Heating Climate

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## → Property Characteristics

- Three bedroom, single family circa 1950
- Wood frame with asphalt roof
- Single story with full basement
- Original, single pane, double hung sashes

## → Weatherization Audit Findings

- Seven people live in house, three adults & four children
- Overall building conditions are good to fair
- Insufficient insulation in the attic
- Walls have 1 ½ inch fiberglass insulation
- Gas, forced hot air heating system, furnace filter dirty\*
- High CO levels from combustion appliances
- Mold on bathroom ceiling & walls\*
- Gas range with no vent\*
- Electric dryer with damaged vent\*
- Old, worn carpeting in bedrooms\*
- Damaged paint on old windows\*
- Moisture issues in basement\*
- Weeds growing out of gutters & some downspouts missing\*

\* Also identified by Healthy Homes assessment

## → Healthy Homes Assessment Findings (would these be identified by your program or firm?)

- Seven people live in house, three adults & four children (2 under six years old)
- One adult & one child have asthma
- No working smoke or CO monitors
- Problem with mice
- Possible LBP on windows
- Carpeting is soiled in many spots
- Mold on bathroom ceiling & walls

→ Remediation Scenario:

<b>Weatherization</b>	<b>Healthy Homes</b>
Insulate attic & walls	Conduct asthma education visit. Supply mattress covers, HEPA vac & other materials as needed
Install timed, bathroom fan, vent to exterior	Clean air ducts
Replace dryer vent	Clean mold in bathroom & replace sheetrock if necessary
Repair and/or replace gutters & downspouts	Change furnace filter
	Install range hood fan vented to the exterior
	Remove old carpet
	Conduct Comprehensive Lead Inspection. Refer to Lead Abatement Program

→ What are possible healthy homes responses?