

# Redfield Site

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## Testing/Ventilation Procedures

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August 2010

### **Interim Indoor Air Policy for Trichloroethene (TCE)**

The following guidelines have been prepared to provide homeowners with a general understanding of the activities and time frames that occur during and after the indoor air of their home has been tested. These are general timeframes and may be subject to change depending on the laboratories used to analyze results, the schedules of contractors hired to install the ventilation systems, and holidays.

- The first step in the process is indoor air testing. A representative with EnviroGroup calls to schedule an appointment, then conducts an interview with the homeowner and places an air sampling canister in the lowest living area of the home. Twenty-four hours later, an EnviroGroup representative retrieves the canister.
- At week's end, canisters are sent to a Colorado Department of Public Health and Environment-approved laboratory for analysis.
- Brown Retail mails test results to homeowners within approximately 4 to 6 weeks of testing.
- If the result of the test is below the state action level, no ventilation is necessary. Periodic (e.g., semi-annual or annual) testing may be conducted. Homeowners will be contacted by an EnviroGroup representative to schedule the periodic tests.

- If the result of the test equals or is above the state action level for 1,1-DCE (5.0 g/m<sup>3</sup>), or 1.6 g/m<sup>3</sup> for groundwater-derived TCE, an EnviroGroup representative also calls the homeowner with test results. If the homeowner elects to receive a ventilation system, Brown Retail hires a ventilation contractor who calls the homeowner to set up an appointment to install the ventilation system.
- Ventilation contractors call the homeowners approximately one week after the homeowner elects to have a system. Appointments are scheduled approximately 2 to 3 weeks ahead.
- At the agreed-upon ventilation system installation date, the system is installed. Electrical hardwiring is conducted either at the same time, if possible, or approximately one week after installation.
- After the ventilation system is operating, an EnviroGroup representative contacts the homeowner to schedule a follow-up performance test. Two to three weeks after the system is installed and operating, an EnviroGroup representative comes back to the home and leaves a canister to test the indoor air with the system running. An EnviroGroup representative retrieves the canister 24 hours later and sends it to the laboratory for analysis.
- Homeowners receive results by mail approximately 4 - 6 weeks after the test. If the test result is not lower than the action level, the ventilation contractor will call to set up an appointment to inspect and modify the system. Periodic testing or inspections will continue for homes with a ventilation system.

### **For More Information**

For more information on the Redfield site environmental activities, contact:

#### **General questions/information:**

Lisa Sigler or Chuck Montera,  
Brown Retail Community Relations Representatives  
303-778-8355

#### **Colorado Department of Health and Environment:**

Warren Smith, Community Relations Manager  
303-692-3373

#### **Questions regarding your test results or ventilation system:**

Jeff Kurtz, EnviroGroup 303-790-1340

**Information Line:** 303-637-2503

**Web Site:** [www.redfieldsite.org](http://www.redfieldsite.org)